

**ARIZONA DEPARTMENT OF EDUCATION
JOINT TECHNOLOGICAL EDUCATION DISTRICT (JTED)
SCHOOL YEAR 2006-2007**

Pursuant to ARS § 15-393.M

**Submitted by the Arizona Department of Education
Career and Technological Education Section
Ms. Lillie Sly
Associate Superintendent Educational Services and Resources**

March 2008

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CD: Contains a folder for each question. Within each “question” folder there is a sub-folder containing: source data submitted by each JTED; data extracted from the ADE database that was used to respond to each question; other supporting documentation.

INTRODUCTION

JTED Report Summary of Conclusions and Recommendations

The Arizona Department of Education (ADE) Career and Technical Education (CTE) Section has developed this report from information provided by Joint Technological Education Districts (JTED) and from ADE information from School Finance and CTE. Each question within the report has identified conclusions and recommendations. This summary is a highlight of the most important conclusions and recommendations.

During School Year (SY) 2006-2007, JTEDs still reported using guidelines put in place prior to HB2700 being enacted. JTEDs reported by the CTE federal programs criteria. The new JTED HB2700 was not enacted until August 2006, with the first date of submittal for courses to be December 31, 2006 for SY 2007-2008. Since the new legislation was not enacted until after schools were in operation for the school year, JTEDs did not have the ability to report by course during SY 2006-2007.

Average Daily Membership (Question 1)

Data for SY 2006-2007 from 10 of the 11 JTEDs will provide a baseline for ADM and enrollment.

Based on final ADM submitted to School Finance, the 10 JTEDs had a total of 17144.39 ADM.

Conclusions and Recommendations:

- Continue to track JTED ADM and enrollment to identify each year to assist in determining JTED costs and number of students served. As final SY 2007-2008 ADM is available, comparisons can be made, taking into consideration the fact that the Pima County JTED has been established and has ADM and enrollment during SY 2007-2008.

JTED Course Listing and Descriptions (Question 2)

During SY 2006-2007, no criteria had yet been established for JTED courses or for their submittal to ADE CTE Section for approval. These new processes have been established for SY 2007-2008 and were in place for the JTEDs to submit their applications by December 31, 2006. JTED courses in SY 2006-2007 met the federal Carl D. Perkins criteria for programs.

Conclusions:

- For SY 2007-2008, the JTEDs submitted 6191 courses for approval by December 31, 2006. Of these, the Arizona Department of Education's CTE Section fully approved 1913, unapproved 1195 and conditionally approved 3083. One hundred and seventeen were withdrawn by the JTEDs.

The approval process was based on the HB2700 and subsequently the 15-391 & 393. Many courses must be viewed on site to ensure that they meet the specifications within the legislation. Since no monitoring provisions exist in the legislation, no provision is available to retract approval after the course is approved. Once approved, a course is always approved.

Unless the course has been fully approved, the JTED must resubmit it to ADE CTE Section to have it considered for further funding.

- An Appeals Process was established with the State Board of Career and Technological Education for JTEDs to have unapproved courses further considered.

At this point, no courses have been appealed.

Recommendations:

- Consider approval by CTE *program*, as opposed to *course*, since a sequence of courses is required for a CTE program to be approved.
- Consider allowing for approved courses or programs to be monitored in order to receive continued approval (to ensure that programs or courses do not decline in quality over a period of time).
- Consider providing incentive monies for those programs that have large percentages of their students pass the CTE state assessments and/or gain industry credentials.

Cost Analysis of JTED Courses (Question 3)

Conclusions:

The JTEDs had a difficult time reporting "cost by course" information. District expenses are historically not recorded or reported by either program or course.

The ADE CTE Section used the Joint Career and Technical Education and Vocational Center Supplement to Annual Financial Report (AFR) as the model for the costs to be collected from each JTED. The JTEDs reported by the AFR costs, but had to do this manually by backing out the data requested.

If JTEDs are to collect course and program data, they and their member districts will incur costs associated with modifying computer systems and retraining staff.

- No definitive conclusions about what “high cost courses” signifies could be determined, since types of expenses varied by program. Certain programs have heavy start-up costs and others have heavier maintenance costs.

Costs for start-up programs are greater, especially when large and expensive equipment is involved, (i.e., Heavy Equipment or Automotive programs).

Costs for maintaining programs are greater when large amounts of supplies are required, (e.g., Business Management—printer and computer supplies and maintenance or Culinary—food supplies and small equipment replacements).

Recommendations:

- As a group, ADE CTE staff, legislative staff and the JTED superintendents, determine the nature of course or program cost and what the Legislature really wants reported.
- Provide sufficient time for JTEDs to modify their accounting systems in order to gather and report accurate information as sought.
- Eliminate “course cost” reporting and replace with “program cost” reporting.
- Consider “cost per desired outcome.”
- Considered a cost study to replace the cost requirement in ARS 15-383.M.3.

Course Completion Rates (Question 4)

Conclusions:

- Total students reported enrolled in JTED courses — 111,508. (Includes duplicated count. A student is enrolled in more than one JTED course.)
- Range of course completion among JTEDs — 84.8 percent to 95.2 percent.
- Average course completion rate (passing grade) for all JTEDs — 91.9 percent.
- Completion rates of 100 percent — 28.2 percent of all courses.

Recommendations:

- Utilize program completion rather than course completion to determine whether a student is prepared for an occupation, since more than one course is required for a student to become proficient enough to test for an assessment or industry credential.
- Use successful completion of exams currently being developed by the Arizona Skill Standards Assessment System* and other appropriate industry exams as the criteria for student completion.

**(Please see the summary of the Arizona Skill Standards Assessment System at the end of the Conclusions and Recommendations.)*

JTED Student Graduation Rates (Question 5)

Conclusions:

- Currently, legislation does not permit a student to graduate from a JTED. Rather, students graduate from a home district.
- JTED member district graduation rates averaged 82 percent. However, the current method of identifying graduation rates for CTE does not compare against the number of students who started in JTED courses, only those who are graduating in the current year. (The method is currently under revision for next 2007-2008.)

Recommendations:

- Only consider JTED graduation rates when the method is uniform with other graduation rate calculations.

JTED Career Opportunities (Question 6)

Conclusions and Recommendations:

- Use of Labor Market Information for Arizona and criteria established to guide the development of the CTE program list for Arizona should be continued, as it reflects the employment needs over the next five years for Arizona.
- Continue to allow for deviations of JTED courses if the needs of an area are not reflected in the current labor Market Information for Arizona (i.e., mining occupations in a specific area of the state).

JTED Career Placement Description (Question 7)

Conclusions:

- JTED student placement rate is only available for students who have completed programs, as others are not counted. This concludes that the student was enrolled in a sequence of JTED CTE courses that made up the program. The JTED student placement is an average of 42.73 percent in related placement areas, based on the number of total students in the program versus those who graduate and are placed in related employment, postsecondary related programs, or in the military.
- Since numerous JTEDs started courses during SY 2006-2007, many did not have graduates who were available to be placed. The calculation used includes all students and therefore provides a lower rate of placement than would be expected.

Recommendations:

- Continue to count only related placement as opposed to all placements, since a strong emphasis has been placed on passing end-of-program assessments and gaining industry credentials.

***Arizona Skill Standards Assessment System**

As a result of HB2700 legislation, an end-of-program and industry assessment system is being established to ensure that students are obtaining the skills needed to enter an industry and to ensure certification for entry or higher levels of employment. In addition, this assessment system will provide an avenue for students who will need to secure further education at a postsecondary level in order to complete the needed credentials for occupations such as Registered Nurse or Engineering Technician.

This system is composed of: a Commission; a Stakeholders Committee; business associations; ADE, CTE Section; Arizona State University, University College, Workforce Education Development Office, and VTECS.

The Commission is composed of high-level Arizona business and industry representatives, community, and political leaders. The Stakeholders Committee is composed of CTE administrators and practitioners at the secondary and postsecondary levels. The business and industry associations approve the skills validated by incumbent workers in the specific field. The Arizona State University, University College, Workforce Education and Development Office and the ADE CTE Section together are working in partnership for the research and development of the standards, the assessment, and the assessment delivery for secondary, postsecondary, and WIA students. Other states have been invited through the VTECS association of states to participate in the validation processes and the sharing of products to offset the expense of the system as it proceeds.

The assessment initial activities started in the spring of 2007. The expectation includes at least 25 assessments approved and ready for administration by spring 2008. The remainder will be established, adopted, adapted, and validated by spring 2009. Currently available industry tests will be used if they provide documentation for students. Subsequent activities will be used to update and further develop assessment items to ensure valid and reliable assessments related to relevant industry skills.

FORWARD

Under the provisions of ARS §15-393.M.3 the ADE CTE Section is required to review and analysis information submitted to it by each JTED and report back to the individual or governmental groups named per Arizona statute –

ARS §15-393.M.3 - On or before December 31 of each year, each Joint Technological Education District shall submit a detailed report to the Career and Technical Education Section of the Department of Education. The Career and Technical Education Section of the Department of Education shall: collect, summarize and analyze the data submitted by the joint districts; shall submit an annual report that summarizes the data submitted by the joint districts to the governor, the speaker of the house of representatives, the president of the senate and the State Board of Education; shall submit a copy of this report to the secretary of state and the director of the Arizona state library, archives and public records. The data submitted by each Joint Technological Education District shall include the following:

1. The average daily membership of the joint district.
2. The course listings and course descriptions of courses offered by the joint district.
3. The costs associated with each course offered by the joint district.
4. The completion rate for each course offered by the joint district.
5. The graduation rate of students enrolled in the joint district.
6. A detailed description of the career opportunities available to students after completion of the program offered by the joint district.
7. A detailed description of the career placement of students who have completed the program offered by the joint district.
8. Any other data deemed necessary by the department of education to carry out its duties under this subsection.

The following information is submitted in compliance with ARS §15-393.M.3 by the ADE CTE Section. The information is summary in nature.

In the event that more detailed information is required, source data and/or supporting information are included on the enclosed CD.

Background

Historically, data collected by the ADE CTE Section was required to meet federal and state grant reporting requirements and to facilitate state formula grant allocations. The CTE Section does not receive or process Average Daily Membership (ADM) data. The ADM is reported directly to the ADE School Finance Division.

The ADE CTE Section does not have dedicated JTED staff positions. This fact is not expected to change in the immediate future. The expertise of the CTE staff is programmatic and is limited in the areas of ADM reporting and School Finance systems.

Joint Technological Education Districts

Arizona currently has 11 JTEDs. The Pima County JTED was approved by the voters in Pima County in November of 2006. In January of 2007, the appointed Pima JTED Board held its first meeting. Therefore, there is limited 2007 data for the Pima JTED and its member districts that are included in this report.

A listing of each JTED and its member districts (excluding elementary school districts) can be found on pages 1 – 2. Currently, 79 unified or union high school districts, out of Arizona's 110 traditional unified or union high school districts, are JTED members. Charter school students may participate in JTED courses, but charter schools cannot participate as a JTED member district.

Methodology

To answer as many of the ARS §15-393.M.3 questions as possible, and to eliminate duplication and reduce reporting cost, the ADE CTE Section attempted to use data already reported by individual JTEDs and/or their member districts.

- Data required to answer questions one, two, five, six and seven utilized: data already being reported to the ADE for purposes of ADM reporting; the course approval procedures developed to comply with ARS §15-391.3.(h); federal Carl D. Perkins Act performance measurement reporting requirements (graduation and placement); information related to Arizona career opportunities.
- Question three required each JTED to report “cost associated with each course offered.”

Cost data at the program or course level has historically not been collected nor reported to the ADE. Nine JTEDs operating in SY 2007 reported course cost information to the ADE CTE Section in time for inclusion in this report.

In response to “the costs associated with each course” and the absence of a specific definition of “cost,” the ADE CTE Section requested course expenditure information based on existing Uniform System of Financial Reporting (USFR) and Chart of Account expenditure codes (salaries, benefits, supplies, etc).

- Question 4 asked for “the completion rate” of each course offered by a JTED.

Course completion rates were not previously collected or reported. Therefore, it was necessary for each JTED to report summary course completion information to the CTE Section for SY 2007. For the purposes of this report, course completion was defined as:

- A student issued a transcribed “credit” for a CTE course (Administrative Code R7-2-302).
Depending on the district, this could include a student who earned a “D” or better in a course, or a student who transferred in to a CTE course late in the school year and was issued a credit toward his/her graduation requirement, but not a letter grade by the district.

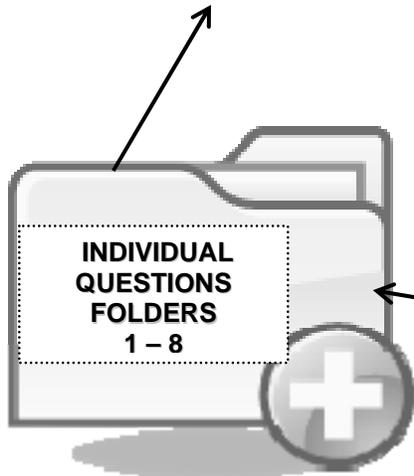
Report Layout

Each question has its own section. Each section will include:

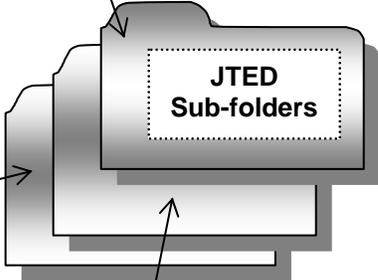
- a restatement of the question;
- a description of the methodology used to collect data used to respond to the question;
- issues, challenges or problems encountered relative to answering or responding to the question;
- results from any analysis conducted, relative to the question; and
- additional comments.

CD

Detailed information is included on the enclosed CD. On the CD, there is a folder for each question. Within each “question” folder there is a sub-folder containing: source data submitted by each JTED; data extracted from the ADE database that was used to respond to each question; other supporting documentation.



Worksheets, data files or source data submitted by each JTED and/or their member districts.



Data extracted from existing ADE data files (previously reported for other reporting obligations).

Appropriate Word.doc or supporting e-mail documents and other informational items.

ARIZONA JOINT TECHNOLOGICAL EDUCATION SCHOOL DISTRICTS
(JTED Unified and High School Districts*)

CAVIAT – Coconino Association for Vocations, Industry & Technology

- Flagstaff Unified SD
- Fredonia-Moccasin Unified SD
- Grand Canyon Unified SD
- Page Unified SD
- Williams Unified SD

CAVIT – Central Arizona Valley Institute of Technology

- Casa Grande Union HSD
- Coolidge Unified SD
- Florence Unified SD
- Maricopa Unified SD
- Santa Cruz Valley Unified SD

CTD – Cochise Technology District

- Benson Unified SD
- Bowie Unified SD
- Douglas Unified SD
- San Simon Unified SD
- St. David Unified SD
- Tombstone Unified SD
- Valley Union HSD
- Willcox Unified SD

CVIT – Cobre Valley Institute of Technology

- Hayden-Winkelman Unified SD
- Miami Unified SD
- San Carlos Unified SD
- Superior Unified SD

EVIT – East Valley Institute of Technology

- Apache Junction Unified SD
- Chandler Unified SD
- Fountain Hills Unified SD
- Gilbert Unified SD
- Higley Unified SD
- Mesa Unified SD
- Queen Creek Unified SD
- Scottsdale Unified SD
- Tempe Union HSD

GIFT – Gila Institute of Technology

- Duncan Unified SD
- Ft. Thomas Unified SD
- Pima Unified SD
- Safford Unified SD
- Solomon Unified SD
- Thatcher Unified SD

NATIVE – Northeast Arizona Technological Institute of Vocational Education

- Chinle Unified SD
- Ganado Unified SD
- Kayenta Unified SD
- Pinon Unified SD
- Red Mesa Unified SD
- Sanders Unified SD
- Tuba City Unified SD
- Window Rock Unified SD

NAVIT– Northern Arizona Vocational Institute of Technology

- Blue Ridge Unified SD
- Heber-Overgaard Unified SD
- Holbrook Unified SD
- Joseph City Unified SD
- Payson Unified SD
- Round Valley Unified SD
- Show Low Unified SD
- Snowflake Unified SD
- St. Johns Unified SD
- White River Unified SD
- Winslow Unified SD

Pima County JTED

- Ajo Unified SD
- Amphitheater Unified SD
- Catalina Foothills Unified SD
- Flowing Wells Unified SD
- Indian Oasis Unified SD
- Marana Unified SD
- Sahuarita Unified SD
- Sunnyside Unified SD
- Tanque Verde Unified SD
- Tucson Unified SD
- Vail Unified SD

VACTE – Valley Academy of Career and Technology Education

- Camp Verde Unified SD
- Mingus Union HSD
- Sedona-Oak Creek Unified SD

West-MEC – Western Maricopa Education Center

- Aqua Fria Union HSD
- Buckeye Union HSD
- Deer Valley Unified SD
- Dysart Unified SD
- Glendale Union HSD
- Paradise Valley Unified SD
- Peoria Unified SD
- Saddle Mountain Unified SD
- Wickenburg Unified SD

* Some JTED member districts include elementary districts. Typically, this includes elementary districts located within the geographical boundaries of a JTED member union high school district.

QUESTION 1: Average Daily Membership

ARS § 15-393.M.1 “The Average Daily Membership (ADM) of the Joint District.”

Methodology Used

The final SY 2006-2007 JTED ADM counts were compared with the 2007-2008 40th Day JTED ADM counts to determine if the ADM for the districts had increased or decreased. The data was retrieved from the ADE’s School Finance Unit’s Website. The same source also provided the data for the K-12 fall enrollment counts for SY 2006-2007 and SY 2007-2008 to enable comparison between the two years to see if enrollment for the JTED member districts had increased or decreased.

JTED ADM Data

The JTED ADM figures are included on pages 5 - 10.

Analysis

During 2006-07 school year, 10 JTEDs were operating in Arizona. These included:

- Coconino Association for Vocation Industry and Technology (CAVIAT)
- Central Arizona Valley Institute of Technology (CAVIT)
- Cochise Technology District (CTD)
- Cobre Valley Institute of Technology (CVIT)
- East Valley Institute of Technology (EVIT)
- Gila Institute for Technology (GIFT)
- Northeast Arizona Technological Institute of Vocational Education (NATIVE)
- Northern Arizona Vocational Institute of Technology (NAVIT)
- Valley Academy for Career and Technology Education (VACTE)
- Western Maricopa Education Center (West-MEC)

During school year 2006-07, the 10 districts’ total JTED ADM was 17144.39. During the school year 2007-08 (based on the 40th day counts reported as of 1/30/08), JTED ADM dropped to 16098.92. Some caution is noted, however, since the new Pima County Joint Technological Education District, ADM for fall of 2007-08 is not included in this calculation of comparison between the two years. If Pima’s 40th day ADM for 2007-08 (which is 1632.47) is included in the total JTED ADM figure for 2008, that amount increases to 17731.39.

The following page contains an overview of JTED 2006-07 final ADM as of June 6, 2007 and 40th day ADM in 2007-08. Please note that the figures for 2007-08 are not final ADM figures and may be subject to change when the 100th day enrollment figures are submitted. However, per discussion with School Finance Unit staff, there will most likely be little difference in percentages when 40th day and 100th day ADM is compared, so we anticipate that the numbers should remain fairly stable. Again, Pima JTED is new and will have an impact on the final 2008 total.

| Joint Technological Education District | ADM 2006-07 Final | ADM 2007-08 Fall 40th Day |
|---|--------------------------|---|
| Cochise Technology District (CTD) | 474.2725 | 501.0124 |
| Coconino (CAVIAT) | 678.3125 | 480.3379 |
| Gila (GIFT) | 391.7175 | 398.8495 |
| East Valley (EVIT) | 7561.127 | 6332.193 |
| West Maricopa (West-MEC) | 4669.288 | 5124.937 |
| North AZ (NAVIT) | 1374.29 | 1399.825 |
| Northeast (NATIVE) | 851.3349 | 621.0439 |
| Central AZ (CAVIT) | 674.77 | 768.4127 |
| Cobre (CVIT) | 108.1525 | 122.119 |
| Valley (VACTE) | 361.125 | 350.1875 |
| Pima | n/a | 1632.4674 |
| TOTALS | 17,144.39 | 17,731.39 |

In examining the JTED member districts' K-12 fall enrollment data for SY 2006-2007 and SY 2007-2008 and comparing it to the available ADM data for the same period, a couple of things stand out. The JTED Districts of West MEC, NAVIT, CAVIT, CVIT and GIFT showed an increase in aggregate ADM, which may be attributed to the concurrent increase in their member districts' enrollment. The JTED, CTD, showed an increase in ADM while the total K-12 enrollment for their member districts declined. The CTD Superintendent attributed the increase in ADM to four programs being added at Douglas High School and a change to a seven-period day at Benson High School. The remaining four JTED's ADM, as reported, decreased from 2007 to 2008 as was expected. Again, Pima was not included in these comparisons.

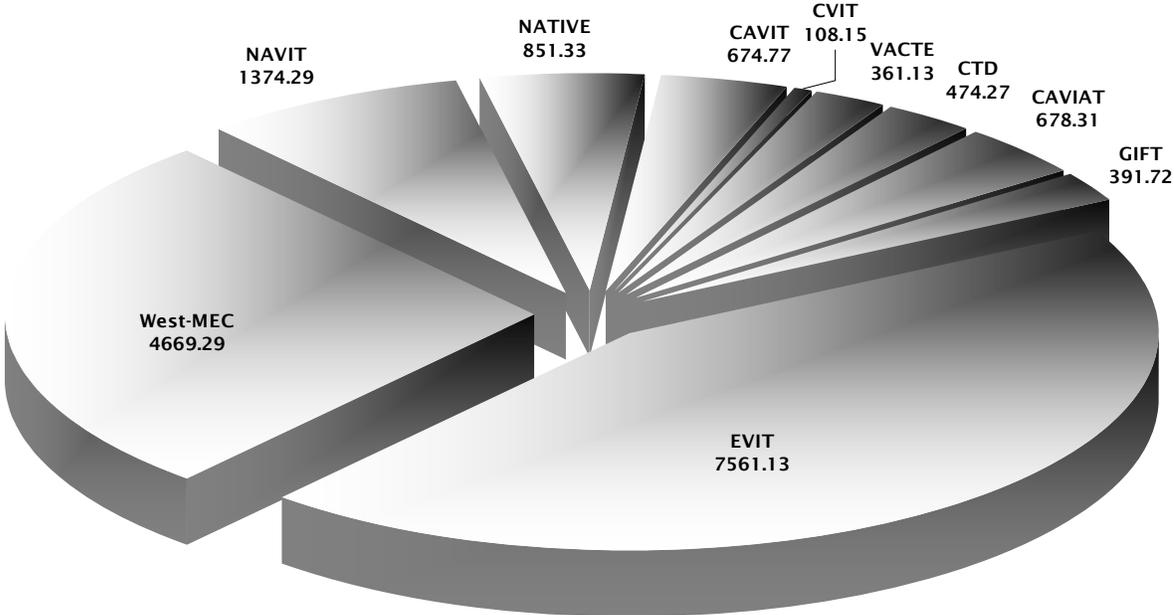
Recommendations

Continuation of yearly analysis of the JTED's ADM and enrollment reporting in order to provide information related to JTED costs and to bolster accountability.

As referenced under "JTED ADM Data," the following pages contain a final 2006 – 2007 ADM chart and tables for SY 2006-2007.

(Data Source: School Finance On-Line ADMs reports as of June 6, 2007.)

2006-2007 ADM (FY 07)



Source: School Finance On-Line ADMS Reports
As of June 6, 2007

FINAL 2006-2007 ADM (FY 07)

| CTDS | JTED & Member Districts | ADM | | | | Totals |
|------------------|---|---------|---------|---------|---------|-----------------|
| | | 9th | 10th | 11th | 12th | |
| 020801000 | Cochise Technology District | | | | | |
| 020801002 | Willcox High School | 35.9025 | 18.9125 | 18.7875 | 11.8225 | 85.425 |
| 020801003 | Valley Union High School | 9.7325 | 6.2425 | 3.7575 | 4.465 | 24.1975 |
| 020801004 | Tombstone High School | 4.955 | 13.21 | 18.4 | 15.4425 | 52.0075 |
| 020801005 | St. David High School | 6.2875 | 9.3725 | 8.3675 | 6.9 | 30.9275 |
| 020801006 | San Simon High School | 2.425 | 3.295 | 2.8275 | 2.65 | 11.1975 |
| 020801007 | Bowie High School | 1.115 | 0.9525 | 0.7075 | 1.98 | 4.755 |
| 020801008 | Benson High School | 18.99 | 11.3775 | 10.0825 | 7.77 | 48.22 |
| 020801009 | Douglas High School | 58.3125 | 68.805 | 51.3525 | 39.0725 | 217.5425 |
| | Cochise Technology District Total | | | | | 474.2725 |
| 030801000 | CAVIAT Coconino Assoc for Vocation Industry and Technology | | | | | |
| 030801001 | CAVIAT-Grand Canyon High School | 2.4925 | 3.2775 | 1.6825 | | 7.4525 |
| 030801002 | CAVIAT-Page High School | 77.82 | 52.3075 | 54.6925 | 48.0075 | 232.8275 |
| 030801003 | CAVIAT- Fredonia High School | 8.6875 | 3.66 | 6.4025 | 5.285 | 24.035 |
| 030801004 | CAVIAT- Williams High School | 15.46 | 5.8 | 4.505 | 5.325 | 31.09 |
| 030801005 | CAVIAT - Coconino High School | 57.0625 | 36.86 | 25.775 | 18.1625 | 137.86 |
| 030801006 | CAVIAT - Flagstaff High School | 44.5825 | 35.54 | 27.4275 | 18.5275 | 126.0775 |
| 030801007 | CAVIAT - Sinagua High School | 39.8625 | 25.88 | 28.65 | 24.5775 | 118.97 |
| | CAVIAT Coconino Assoc for Vocation Industry and Technology Total | | | | | 678.3125 |
| 050802000 | Gila Institute for Technology | | | | | |
| 050802001 | Gila Institute for Technology | | 0.5 | 29.4325 | 24.9725 | 54.905 |
| 050802002 | Ft. Thomas High School Satellite Campus | 11.5825 | 11.475 | 4.4325 | 7.27 | 34.76 |
| 050802003 | Pima High School Satellite Campus | 14.5875 | 12.0075 | 10.585 | 8.03 | 45.21 |
| 050802004 | Safford High School Satellite Campus | 57.0725 | 51.78 | 31.6675 | 14.2975 | 154.8175 |
| 050802005 | Thatcher High School Satellite Campus | 17.505 | 18.8075 | 13.665 | 7.9175 | 57.895 |
| 050802006 | Mt. Graham High School Satellite Campus | 0.63 | 4.145 | 5.96 | 4.605 | 15.34 |
| 050802007 | Duncan High School Satellite Campus | 8.4425 | 7.3625 | 7.08 | 5.905 | 28.79 |
| | Gila Institute for Technology Total | | | | | 391.7175 |

Source: School Finance On-Line ADMS Reports
As of June 6, 2007

| | | FINAL 2006-2007 ADM (FY 07) | | | | |
|------------------|--|------------------------------------|-------------|-------------|-------------|-----------------|
| CTDS | JTED & Member Districts | | | ADM | | |
| | | 9th | 10th | 11th | 12th | Totals |
| 070801000 | East Valley Institute of Technology | | | | | |
| 070801001 | East Valley Institute of Techn | | 66.7799 | 769.3874 | 842.21 | 1678.377 |
| 070801003 | Evit Chandler High | 74.78 | 100.3225 | 89.53 | 67.8975 | 332.53 |
| 070801005 | Evit-Apache Junction | 93.7475 | 40.2575 | 28.145 | 28.4275 | 190.5775 |
| 070801006 | Evit Gilbert | 646.7975 | 434.79 | 486.28 | 305.12 | 1872.988 |
| 070801007 | Evit Fountain Hills Voc CTR | 9.0275 | 39.805 | 19.105 | 19.535 | 87.4725 |
| 070801009 | Higley Satellite | 82.355 | 37.885 | 37.6875 | 17.74 | 175.6675 |
| 070801010 | EVIT Hamilton | 31.98 | 84 | 102.6725 | 69.6325 | 288.285 |
| 070801011 | EVIT Basha High | 46.355 | 89.4875 | 77.9025 | 48.2175 | 261.9625 |
| 070801012 | Queen Creek Satellite | 54.335 | 45.1325 | 33.87 | 28.0925 | 161.43 |
| 070801091 | EVIT TEMPE HIGH SCHOOL | 46.2125 | 14.68 | 18.915 | 26.2575 | 106.065 |
| 070801092 | EVIT MCCLINTOCK HIGH SCHOOL | 48.895 | 21.9675 | 32.83 | 57.7075 | 161.4 |
| 070801093 | EVIT MARCOS DE NIZA HIGH SCHOOL | 73.2275 | 22.2125 | 43.625 | 74.23 | 213.295 |
| 070801094 | EVIT CORONA DEL SOL HIGH SCHOOL | 63.47 | 24.5975 | 49.42 | 64.07 | 201.5575 |
| 070801095 | EVIT MOUNTAIN POINTE HIGH SCHOOL | 75.065 | 29.69 | 54.52 | 110.535 | 269.81 |
| 070801096 | EVIT DESERT VISTA HIGH SCHOOL | 140.04 | 49.405 | 47.155 | 110.62 | 347.22 |
| 070801252 | Carson Jr. High Satellite Programs | 4.8075 | | | | 4.8075 |
| 070801255 | Powell Jr. High Satellite Programs | 6.0225 | | | | 6.0225 |
| 070801261 | Brimhall Jr. High Satellite Programs | 7.3275 | | | | 7.3275 |
| 070801271 | Mesa High Satellite Programs | | 44.1675 | 39.62 | 15.7925 | 99.58 |
| 070801272 | Westwood High Satellite Programs | | 66.165 | 34.8125 | 19.73 | 120.7075 |
| 070801273 | Mountain View High Satellite Programs | | 57.55 | 38.8625 | 22.5425 | 118.955 |
| 070801274 | Dobson High Satellite Programs | | 50.5125 | 43.6176 | 25.6575 | 119.7876 |
| 070801275 | Red Mountain High Satellite Programs | | 43.785 | 29.785 | 15.4 | 88.97 |
| 070801276 | Skyline High Satellite Programs | | 47.5125 | 26.34 | 16.86 | 90.7125 |
| 070801292 | EVIT ARCADIA HIGH SCHOOL | 10.615 | 39.8275 | 21.7925 | 17.4725 | 89.7075 |
| 070801293 | EVIT CORONADO HIGH SCHOOL | 30.8025 | 27.355 | 11.4475 | 16.555 | 86.16 |
| 070801294 | EVIT SAGUARO HIGH SCHOOL | 11.8425 | 33.6725 | 25.805 | 58.63 | 129.95 |
| 070801295 | EVIT CHAPARRAL HIGH SCHOOL | 25.5725 | 48.3675 | 35.12 | 34.2025 | 143.2625 |
| 070801296 | EVIT DESERT MOUNTAIN HIGH SCHOOL | 11.975 | 26.315 | 30.34 | 37.91 | 106.54 |
| | East Valley Institute of Technology Total | | | | | 7561.127 |

Source: School Finance On-Line ADMS Reports
As of June 6, 2007

FINAL 2006-2007 ADM (FY 07)

| CTDS | JTED & Member Districts | ADM | | | | Totals |
|------------------|---|---------|---------|---------|---------|-----------------|
| | | 9th | 10th | 11th | 12th | |
| 070802000 | West-MEC - Western Maricopa Education Center | | | | | |
| 070802201 | West-MEC - Centennial High School | 42.86 | 48.745 | 80.0075 | 36.775 | 208.3875 |
| 070802202 | West-MEC - Ironwood High School | 90.1675 | 58.7975 | 72.43 | 22.8825 | 244.2775 |
| 070802203 | West-MEC - Cactus High School | 28.435 | 43.575 | 56.6175 | 25.9325 | 154.56 |
| 070802204 | West-MEC - Peoria High School | 72.82 | 71.7975 | 73.205 | 46.725 | 264.5475 |
| 070802205 | West-MEC - Sunrise Mountain High School | 50.97 | 50.3275 | 88.115 | 24.78 | 214.1925 |
| 070802206 | West-MEC - Dysart High School | 8.2225 | 54.9175 | 38.5175 | 27.45 | 129.1075 |
| 070802207 | West-MEC - Willow Canyon High School | 11.6025 | 57.525 | 57.9625 | 42.62 | 169.71 |
| 070802208 | West-MEC - Millennium High School | 31.0225 | 29.27 | 45.3775 | 32.9825 | 138.6525 |
| 070802209 | West-MEC - Desert Edge High School | 13.32 | 10.6525 | 40.64 | 18.51 | 83.1225 |
| 070802210 | West-MEC - Agua Fria High School | 16.4925 | 25.7925 | 51.5825 | 36.4075 | 130.275 |
| 070802211 | West-MEC - Buckeye Union High School | 84.4575 | 59.91 | 44.58 | 42.435 | 231.3825 |
| 070802212 | West-MEC - Estrella Foothills High School | 14.9175 | 20.9975 | 21.2 | 16.75 | 73.865 |
| 070802213 | West-MEC - Tonopah Valley High School | 13.5175 | 14.81 | 7.715 | 3.4525 | 39.495 |
| 070802215 | West-MEC - Raymond S. Kellis | 74.11 | 45.8125 | 47.5475 | | 167.47 |
| 070802217 | West-MEC - Washington High School | 21.2025 | 14.84 | 29.7075 | 35.26 | 101.01 |
| 070802218 | West-MEC - Thunderbird High School | 44.37 | 24.515 | 41.965 | 40.9575 | 151.8075 |
| 070802219 | West-MEC - Sunnyslope High School | 37.6075 | 23.72 | 17.8675 | 32.9175 | 112.1125 |
| 070802220 | West-MEC - Moon Valley High School | 34.2525 | 29.3 | 41.45 | 41.1225 | 146.125 |
| 070802221 | West-MEC - Independence High School | 41.025 | 17.95 | 28.3325 | 26.0475 | 113.365 |
| 070802222 | West-MEC - Greenway High School | 40.57 | 22.1375 | 37.2325 | 36.915 | 136.865 |
| 070802223 | West-MEC - Glendale High School | 29.7475 | 25.765 | 29.5575 | 34.4625 | 119.5325 |
| 070802224 | West-MEC - Cortez High School | 38.4225 | 19.205 | 26.6925 | 26.395 | 110.715 |
| 070802225 | West-MEC - Apollo High School | 42.825 | 36.435 | 43.06 | 33.62 | 155.94 |
| 070802226 | West-MEC - Boulder Creek High School | 0.2725 | 14.435 | 22.9325 | 10.34 | 47.98 |
| 070802227 | West-MEC - Barry Goldwater High School | 0.2275 | 18.1 | 25.8575 | 18.835 | 63.02 |
| 070802228 | West-MEC - Deer Valley High School | 0.4175 | 4.845 | 21.8525 | 11.0675 | 38.1825 |
| 070802229 | West-MEC - Mountain Ridge High School | 0.5325 | 10.655 | 28.4625 | 19.885 | 59.535 |
| 070802230 | West-MEC - Sandra Day O'Connor High School | | 5.52 | 21.21 | 12.025 | 38.755 |
| 070802231 | West-MEC - Wickenburg High School | 27.665 | 29.3675 | 24.145 | 9.7125 | 90.89 |
| 070802234 | West-MEC - Western Maricopa Education Center | | | | 13.3775 | 13.3775 |
| 070802235 | West-MEC - Liberty High School | 36.9025 | | 0.66 | 0.055 | 37.6175 |
| 070802236 | West-MEC - Verrado High School | 21.1875 | | | | 21.1875 |
| 070802237 | West-MEC - Paradise Valley High School | 46.735 | 57.2925 | 41.6425 | 31.8475 | 177.5175 |
| 070802238 | West-MEC - North Canyon High School | 83.7925 | 55.8125 | 52.2825 | 34.3675 | 226.255 |
| 070802239 | West-MEC - Horizon High School | 52.905 | 42.11 | 54.685 | 28.8275 | 178.5275 |
| 070802240 | West-MEC - Pinnacle High School | 41.4875 | 26.21 | 29.625 | 24.8925 | 122.215 |
| 070802241 | West-MEC - Shadow Mountain High School | 21.4525 | 18.96 | 20.865 | 7.7175 | 68.995 |
| 070802242 | West-MEC - Valley Vista High School | 16.4175 | 72.3175 | | | 88.735 |
| | West-MEC - Western Maricopa Education Center Total | | | | | 4669.288 |

Source: School Finance On-Line ADMS Reports
As of June 6, 2007

FINAL 2006-2007 ADM (FY 07)

| CTDS | JTED & Member Districts | ADM | | | | Totals |
|--|--|---------|----------|----------|---------|-----------------|
| | | 9th | 10th | 11th | 12th | |
| 090835000 NAVIT | | | | | | |
| 090835201 | Snowflake High School - Satellite Campus | 38.37 | 31.955 | 25.3325 | 21.3625 | 117.02 |
| 090835202 | Show Low High School - Satellite Campus | 27.45 | 30.9225 | 20.2425 | 19.725 | 98.34 |
| 090835203 | Blue Ridge High School | 46.14 | 34.325 | 26.6025 | 26.9275 | 133.995 |
| 090835204 | Round Valley High School - Satellite Campus | 27.1975 | 22.9075 | 13.075 | 5.835 | 69.015 |
| 090835205 | Mogollon HS (Heber-Overgaard) - Satellite Ca | 13.8775 | 11.0725 | 5.175 | 4.0825 | 34.2075 |
| 090835206 | NAVIT Courses | | | 155.9475 | 170.615 | 326.5625 |
| 090835207 | St. Johns High School | 21.5925 | 15.64 | 12.725 | 11.9975 | 61.955 |
| 090835208 | Holbrook High School (Satellite Campus) | 47.0375 | 37.3375 | 26.54 | 17.95 | 128.865 |
| 090835209 | Joseph City High School (Satellite Campus) | 9.0325 | 9.265 | 2.72 | 4.9175 | 25.935 |
| 090835210 | Winslow High School | 58.0675 | 52.43 | 27.6975 | 41.15 | 179.345 |
| 090835211 | Alchesay High School | 38.6725 | 27.47 | 16.895 | 11.03 | 94.0675 |
| 090835225 | Payson High School - Satellite Campus | 29.6575 | 32.5475 | 23.87 | 18.9075 | 104.9825 |
| | NAVIT Total | | | | | 1374.29 |
| 090836000 Northeast Arizona Technological Institute of Vocational Education | | | | | | |
| 090836101 | Monument Valley High School | 47.155 | 20.9325 | 35.9124 | 48.1475 | 152.1474 |
| 090836102 | Pinon High School | 13.9 | 10.42 | 8.55 | 4.365 | 37.235 |
| 090836103 | Chinle High School | 15.845 | 49.4025 | 46.8275 | 39.6275 | 151.7025 |
| 090836104 | Ganado High School | 25.2425 | 27.8 | 37.6275 | 37.3925 | 128.0625 |
| 090836105 | Red Mesa High School | 5.76 | 15.9475 | 11.7425 | 7.74 | 41.19 |
| 090836106 | Window Rock High School - Native | 50.0875 | 51.77 | 26.945 | 48.0725 | 176.875 |
| 090836107 | Sanders Valley High School | 16.595 | 13.78 | 12.1075 | 4.4325 | 46.915 |
| 090836108 | Tuba City High School | 22.6075 | 32.7975 | 26.46 | 35.3425 | 117.2075 |
| | Northeast Arizona Technological Institute of Vocational Education Total | | | | | 851.3349 |
| 110801000 Central Arizona Valley Institute of Technology | | | | | | |
| 110801001 | Central Arizona Valley Institute of Technology | | 1.775 | 16.4925 | 7.085 | 25.3525 |
| 110801002 | Santa Cruz Valley Union High School | 1.495 | 18.11 | 14.905 | 5.9275 | 40.4375 |
| 110801003 | Maricopa Unified | 32.22 | 39.5275 | 22.17 | 10.7675 | 104.685 |
| 110801004 | Florence Unified | 17.5325 | 20.8875 | 17.705 | 12.0775 | 68.2025 |
| 110801005 | Coolidge High School | 12.465 | 35.96 | 21.75 | 11.7475 | 81.9225 |
| 110801006 | Casa Grande Union High School | 82.4975 | 103.5525 | 92.87 | 75.25 | 354.17 |
| | Central Arizona Valley Institute of Technology Total | | | | | 674.77 |

Source: *School Finance On-Line ADMS Reports
As of June 6, 2007*

FINAL 2006-2007 ADM (FY 07)

| CTDS | JTED & Member Districts | 9th | 10th | ADM 11th | 12th | Totals |
|------------------|---|---------|---------|-------------|---------|-----------------|
| 110802000 | Cobre Valley Institute of Technology District | | | | | |
| 110802002 | CVIT - Miami High School | 26.295 | 17.23 | 11.38 | 9.8725 | 64.7775 |
| 110802003 | CVIT - Hayden High School | 2.7725 | 2.2925 | 2.7125 | 2.01 | 9.7875 |
| 110802004 | CVIT - Superior High School | 8.695 | 4.9675 | 6.9975 | 6.4925 | 27.1525 |
| 110802005 | CVIT - San Carlos High School | 2.555 | 1.1825 | 2.095 | 0.6025 | 6.435 |
| | Cobre Valley Institute of Technology District Total | | | | | 108.1525 |
| 130801000 | Valley Academy for Career and Technology Education | | | | | |
| 130801001 | Mingus Union High School | 61.58 | 46.7075 | 36.21 | 32.2125 | 176.71 |
| 130801002 | Camp Verde Unified School District | 28.0175 | 27.8425 | 18.5225 | 10.3075 | 84.69 |
| 130801003 | Sedona-Oak Creek Joint Unified School Dis | 31.7075 | 25.2125 | 21.6025 | 17.63 | 96.1525 |
| 130801006 | VACTE | | 3.5725 | | | 3.5725 |
| | Valley Academy for Career and Technology Education Total | | | | | 361.125 |
| | All JTED & Member Districts Total | | | | | 17144.39 |

QUESTION 2: JTED Course Listing & Descriptions

ARS § 15-393.M.1 “The course listings and course descriptions of courses offered by joint districts.”

Methodology Used

JTED courses in SY 2006-2007 addressed the CTE Program Approval Criteria. These courses were part of programs and approved as such. The new criteria for course approval were enacted with the HB2700, which became law in August 2006. HB2700 and subsequent ARS 15-391 and 393 required that JTEDs submit to the ADE CTE Section the courses for 2007-2008 by December 31, 2006. The process included 120 days for ADE-CTE to review and notify the JTEDs of their status.

During the fall of 2006, processes were developed for approval, non-approval, or conditional approval. During the spring of 2007, the processes were conducted. However, a number of courses had to be reviewed on sight by the state program supervisor before final approval or disapproval could be determined. Many of these courses were placed in a conditional approval status until either on-sight reviews were completed or deficiencies identified in the written review were either completed or deemed as unacceptable.

Below, the criteria, processes and the results of the SY 2007-2008 are identified. The appendix (A, D, E, F and G) provides additional exhibits of the criteria, process and results.

2007-2008 JTED Course Approval Process

ARS 15-391.3 defined courses that are to be considered “JTED courses” by outlining the required components of such courses. In compliance with ARS 15-391 and 393, the ADE-CTE section developed a process by which to review and approve “JTED courses.” The process is as follows:

- A 2007-2008 Application for Course Approval was developed (see appendix A) with components listed below:
 - Cover page
Requirements:
 - JTED contact information;
 - superintendent signature assuring the JTED will comply with all reporting requirements as identified by ADE and cited in HB2700 and related statutes;
 - assurance that an IGA or other written contract with participating educational institutions will be written, approved and signed by the local governing board and the JTED governing board;
 - assurance the IGA or contract will be submitted to the JLBC for review; and
 - a list of all participating educational institutions for which the IGA or contract will be completed.

◦ Program and Course Information sheet.

Requirements:

- be submitted for each program indicating the program Classification of Instructional Program (CIP) code;
- identify the industry validated standards used for instruction;
- indicate the program will lead to industry validated assessment or certification;
- list each course taught in the program and each site where the course is taught; and
- indicate that the instructor holds appropriate certification to teach the course.

◦ Specialized Equipment and Instructional Materials List.

- Lists specialized equipment or instructional materials required to teach each courses within the program.

◦ Course Approval Check List:

- addresses each required element for a JTED course; and
- allows for the courses within the program to be “approved,” “conditionally approved” or “not approved.” The “conditionally approved” status was established under advice of counsel, due to the volume of courses submitted, limited amount of time to review and the limited number of ADE staff with content expertise in the individual program areas to review the courses.

- As required in ARS 15-391.3, all courses had to be submitted to the ADE by January 1, 2007.
- The ADE received 6,308 course submission in the format described above prior to the deadline.
- CTE state supervisors, each with expertise within their content area, reviewed each program submission and each course within the program. State supervisors granted approval, conditional approval or did not approve in accordance with the elements of a CTE Career Preparation Program and the legislative requirements outlined in ARS 15-391 & 393. A CTE Career Preparation Program is a coherent sequence of instruction determined through the use of state labor market data to be high skill, high wage and/or high demand career opportunities for students that delivers a set of prescribed state standards. The JTEDs submit their applications listing the program and each course contained within the program’s sequence of instruction. (See appendix C for CTE program sequence, program and course descriptions.)
- The majority of the courses were granted “conditional approval” and the action needed to receive full approval was described on the Course Approval checklist.
- In compliance with the 120 days allowed for course review, on April 9, 2007 the Approval Check List for each program and a letter explaining the approval process and the status was sent to each JTED (see appendix D and E). Two meetings were held in April for JTED Superintendents and ADE-CTE state supervisors to discuss

the results of the course review in order to clarify “action needed” to attain full approval.

- Follow up and continued technical assistance continued during the fall 2007 semester and into spring semester 2008. However, due to limited staff as well as the time it takes for a school to implement fully the changes identified during a technical assistance visit, a number of programs are still in “conditionally approved” status. State staff continues to work with programs to move the courses with “conditional approval” status to either an “approved status” or “not approved status.” (See appendix F.) CTE state supervisors work with both the program instructors and JTED superintendents to offer technical assistance including on-site assistance in addressing deficiencies in the program. If the program is unable to bring courses into compliance with the legislative requirements, the program (including the courses within the sequence of instruction) is designated “unapproved” and is not eligible for funding.
- An appeals process was established by the CTE Section and approved by the CTE Advisory Committee to the State Board of Education and by the Arizona State Board of Career and Technological Education for JTEDS that would like consideration for their unapproved courses. To date, no courses have appealed. (See appendix G.)

Total of JTED Applications for Course Approval Received
Approval Status as of February 26, 2008

Following is the number of applications received by each JTED and the approval status as of February 26, 2008. Also included are sections with each CTE program and each course in the sequence.

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 71 | 147 | 46 | 264 |
| CAVIT | 41 | 85 | 6 | 132 |
| COCHISE | 100 | 162 | 3 | 265 |
| CVIT | 25 | 45 | 0 | 70 |
| EVIT | 512 | 739 | 206 | 1457 |
| GIFT | 94 | 216 | 46 | 356 |
| NATIVE | 96 | 124 | 21 | 241 |
| NAVIT | 256 | 172 | 109 | 537 |
| PIMA | 208 | 672 | 71 | 951 |
| VACTE | 33 | 53 | 17 | 103 |
| WEST-MEC | 477 | 668 | 670 | 1815 |
| TOTAL | 1913 | 3083 | 1195 | 6191 |

Note: A total of 117 courses were withdrawn from the approval process for various reasons (i.e., a certified teacher left position; course did not make enrollment; school schedule conflicts etc.) Withdrawn courses are not reflected in the above table.

Accounting and Related Services
Program CIP Code: 52.0300

The following lists the recommended Career Preparation courses developed from industry-validated skills for initial employment or continued related education. All the state-designated Accounting and Related Services standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 52.0300.10 Introduction to Business & Accounting.**
-and-
52.0300.20 Basic Accounting

And one or more of the following courses will be included in the coherent sequence of courses for this instructional program:

- 52.0300.30 Advanced Accounting**
And program may elect to add:
52.0300.80 Accounting - Cooperative Education

JTED Course Approval Applications submitted for Accounting and Related Services for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 3 | 0 | 3 |
| CAVIT | 0 | 3 | 0 | 3 |
| COCHISE | 0 | 3 | 0 | 3 |
| CVIT | 0 | 3 | 0 | 3 |
| EVIT | 0 | 16 | 6 | 22 |
| GIFT | 0 | 9 | 6 | 15 |
| NATIVE | 0 | 7 | 1 | 8 |
| NAVIT | 0 | 11 | 5 | 16 |
| PIMA | 0 | 26 | 0 | 26 |
| VACTE | 0 | 3 | 0 | 3 |
| WEST-MEC | 0 | 42 | 7 | 49 |
| TOTAL | 0 | 126 | 25 | 151 |

Agricultural Business Management – Agriscience
Program CIP Code: 01.0100

The following lists the recommended Career Preparation courses developed from industry-validated skills for initial employment or continued related education. All the state-designated standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 01.0100.10 Agricultural Business**
-and-
01.0100.12 Agricultural Business Management

-and-
01.0100.14 Agricultural Business Management - Agriscience
 -and-

Option A

01.0100.20 Food Products and Processing Systems
 -or-

Option B

01.0100.30 Plant Systems
 -or-

Option C

01.0100.40 Animal Systems
 -or-

Option D

01.0100.50 Natural Resources Systems
 -or-

Option E

01.0100.60 Power, Structural and Technical Systems
 -or-

Option F

01.0100.90 Agribusiness Systems
 -or-

Option G

01.0100.00 Environmental Service Systems
 And program may elect to add:

01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

JTED Course Approval Applications submitted for Agricultural Business Management for SY 2007-2008:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 5 | 0 | 0 | 5 |
| CAVIT | 11 | 0 | 0 | 11 |
| COCHISE | 44 | 0 | 0 | 44 |
| CVIT | 4 | 0 | 0 | 4 |
| EVIT | 127 | 9 | 13 | 149 |
| GIFT | 14 | 0 | 0 | 14 |
| NATIVE | 21 | 2 | 1 | 24 |
| NAVIT | 0 | 12 | 0 | 12 |
| PIMA | 25 | 8 | 2 | 35 |
| VACTE | 14 | 0 | 0 | 14 |
| WEST-MEC | 54 | 12 | 0 | 66 |
| TOTAL | 319 | 43 | 16 | 378 |

Allied Health Services
Program CIP Code: 51.0800

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the state-mandated Career Preparation standards are addressed in this instructional sequence. Allied Health Services consists of five program options, each with its own set of Career Preparation standards. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Option A

- 51.0800.20 Fundamentals of Pharmacy Support Services
 -and-
 51.0800.25 Pharmacy Support Services - Advanced Applications
 -or-

Option B

- 51.0800.30 Fundamentals of Laboratory Assisting
 -and-
 51.0800.35 Laboratory Assisting - Advanced Applications
 -or-

Option C

- 51.0800.40 Fundamentals of Medical Imaging Support Services
 -and-
 51.0800.45 Medical Imaging Support Services - Advanced Applications
 -or-

Option D

- 51.0800.50 Fundamentals of Sports Medicine & Rehabilitation Therapies.
 -and-
 51.0800.55 Sports Medicine & Rehabilitation Therapies - Advanced Applications
 -or-

Option E

- 51.0800.60 Fundamentals of Medical Assisting Services
 -and-
 51.0800.65 Medical Assisting Services - Advanced Applications
 And program may elect to add:
 51.0800.80 Allied Health Services - Cooperative Education

JTED Course Approval Applications submitted for Allied Health for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 10 | 0 | 10 |
| COCHISE | 3 | 0 | 0 | 3 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 13 | 14 | 0 | 27 |
| GIFT | 36 | 6 | 7 | 49 |
| NATIVE | 4 | 0 | 1 | 5 |
| NAVIT | 2 | 0 | 1 | 3 |
| PIMA | 3 | 60 | 2 | 65 |
| VACTE | 0 | 4 | 0 | 4 |
| WEST-MEC | 0 | 79 | 11 | 90 |
| TOTAL | 61 | 173 | 22 | 256 |

Audio/Visual Technology
Program CIP Code: 10.0200

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Audio/Visual Technology standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

10.0200.10 Audio/Visual Technology Fundamentals

One of the following Career Preparation courses (.20, .30 or .40) will be included as part of the instructional sequence for this program:

Option A

10.0200.20 Electronic Journalism
-or-

Option B

10.0200.30 Interactive Digital Media
-or-

Option C

10.0200.40 Radio/Audio Technologies
And program may elect to add:
10.0200.80 Audio/Visual Technology - Cooperative Education

JTED Course Approval Applications submitted for Audio Visual Technologies for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 3 | 8 | 2 | 13 |
| CAVIT | 3 | 3 | 0 | 6 |
| COCHISE | 3 | 0 | 0 | 3 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 41 | 14 | 6 | 61 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 5 | 0 | 5 |
| NAVIT | 14 | 0 | 10 | 24 |
| PIMA | 28 | 13 | 5 | 46 |
| VACTE | 0 | 13 | 2 | 15 |
| WEST-MEC | 36 | 20 | 16 | 72 |
| TOTAL | 128 | 76 | 41 | 245 |

Automotive Technologies
Program CIP Code: 47.0600

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

47.0600.10 Automotive Technologies Core Curriculum
-and-

At least one option must be included as part of the instructional sequence for this program:

Option A

- 47.0600.20 Automotive Technology I
-and-
47.0600.25 Automotive Technology II
-or-

Option B

- 47.0600.30 Automotive Collision Repair I:
-and-
47.0600.35 Automotive Collision Repair II:
-or-

Option C

- 47.0600.40 Diesel Engine Repair Technology I
-and-
47.0600.45 Diesel Engine Repair Technology II
-or-

Option D

- 47.0600.50 Aircraft Mechanics I
-and-
47.0600.55 Aircraft Mechanics II
And program may elect to add:
-or-
47.0600.80 Automotive Technologies - Cooperative Education

JTED Course Approval Applications submitted for Automotive Technologies for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 22 | 3 | 25 |
| CAVIT | 0 | 8 | 1 | 9 |
| COCHISE | 0 | 7 | 0 | 7 |
| CVIT | 0 | 6 | 0 | 6 |
| EVIT | 0 | 27 | 7 | 34 |
| GIFT | 0 | 24 | 0 | 24 |
| NATIVE | 0 | 10 | 0 | 10 |
| NAVIT | 24 | 0 | 0 | 24 |
| PIMA | 0 | 57 | 0 | 57 |
| VACTE | 6 | 0 | 0 | 6 |
| WEST-MEC | 0 | 83 | 11 | 94 |
| TOTAL | 30 | 244 | 22 | 296 |

Biomedical Health Technologies
Program CIP Code: 51.1000

Program Sequence Under Development

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 1 | 1 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 6 | 0 | 6 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 10 | 0 | 10 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 16 | 1 | 17 |

Business Management and Administrative Services
Program CIP Code: 52.0200

The following lists the recommended Career Preparation courses developed from industry-validated skills for initial employment or continued related education. All the state-designated Business Management and Administrative Services standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 52.0200.10 Introduction to Business Management and Administrative Services**
-and-
52.0200.20 Basic Business Management and Administrative Services
-and-

One or more of the following courses will be included in the coherent sequence of courses for this instructional program:

- 52.0200.30 Advanced Business Management and Administrative Services**
-or-
52.0200.80 Business Management and Administrative Services - Cooperative Education

JTED Course Approval Applications submitted for Business Management and Administrative Services for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 16 | 2 | 18 |
| CAVIT | 0 | 18 | 0 | 18 |
| COCHISE | 0 | 10 | 1 | 11 |
| CVIT | 0 | 6 | 0 | 6 |
| EVIT | 0 | 23 | 4 | 27 |
| GIFT | 0 | 4 | 18 | 22 |
| NATIVE | 0 | 15 | 2 | 17 |
| NAVIT | 0 | 31 | 10 | 41 |
| PIMA | 0 | 89 | 8 | 97 |
| VACTE | 0 | 13 | 1 | 14 |
| WEST-MEC | 0 | 47 | 5 | 52 |
| TOTAL | 0 | 272 | 51 | 323 |

Carpentry Technologies
Program CIP Code: 46.0200

The program is comprised of a core curriculum and two options: Option A (Carpentry) and Option B (Cabinetmaking). The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

46.0200.10 **Carpentry Technologies Core Curriculum**
-and-

At least one option must be included as part of the instructional sequence for this program:

Option A

46.0200.20 **Carpentry Technology I**
-and-

46.0200.25 **Carpentry Technology II**
-or-

Option B

46.0200.30 **Cabinetmaking I**
-and-

46.0200.35 **Cabinetmaking II**

And program may elect to add:

46.0200.80 **Carpentry Technologies - Cooperative Education**

JTED Course Approval Applications submitted for Carpentry Technologies for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 15 | 3 | 18 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 6 | 0 | 6 |
| CVIT | 0 | 4 | 0 | 4 |
| EVIT | 0 | 39 | 9 | 48 |
| GIFT | 0 | 14 | 0 | 14 |
| NATIVE | 0 | 6 | 0 | 6 |
| NAVIT | 0 | 10 | 0 | 10 |
| PIMA | 0 | 2 | 0 | 2 |
| VACTE | 0 | 3 | 0 | 3 |
| WEST-MEC | 0 | 35 | 10 | 45 |
| TOTAL | 0 | 134 | 22 | 156 |

Construction Technologies
Program CIP CODE: 46.0400

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 46.0400.10 Construction Technologies Core Curriculum
- and-
- 46.0400.20 Construction Technologies I
- and-
- 46.0400.25 Construction Technologies II
- And program may elect to add:
- 46.0400.80 Construction Technologies - Cooperative Education

JTED Course Approval Applications submitted for Construction Technologies for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 10 | 0 | 10 |
| CAVIT | 0 | 9 | 0 | 9 |
| COCHISE | 0 | 7 | 0 | 7 |
| CVIT | 0 | 3 | 0 | 3 |
| EVIT | 0 | 25 | 10 | 35 |
| GIFT | 0 | 15 | 0 | 15 |
| NATIVE | 0 | 2 | 0 | 2 |
| NAVIT | 24 | 0 | 0 | 24 |
| PIMA | 0 | 52 | 0 | 52 |
| VACTE | 0 | 0 | 2 | 2 |
| WEST-MEC | 0 | 27 | 6 | 33 |
| TOTAL | 24 | 150 | 18 | 192 |

Cosmetology
Program CIP: 12.0400

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the Career Preparation state-designated Cosmetology standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 12.0400.10** **Fundamentals of Cosmetology**
-and-
12.0400.20 **Cosmetology - Advanced Applications**
And program may elect to add:
12.0400.80 **Cosmetology - Cooperative Education**

JTED Course Approval Applications submitted for Cosmetology for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 2 | 0 | 0 | 2 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 4 | 0 | 4 |
| GIFT | 19 | 0 | 0 | 19 |
| NATIVE | 0 | 3 | 0 | 3 |
| NAVIT | 24 | 1 | 0 | 25 |
| PIMA | 2 | 0 | 0 | 2 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 21 | 7 | 28 |
| TOTAL | 47 | 29 | 7 | 83 |

Culinary Arts
Program CIP Code: 12.0500

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Culinary Arts standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 12.0500.10** **Fundamentals of Culinary Arts**
-and-
12.0500.20 **Culinary Arts Applications**
And program may elect to add:
12.0500.80 **Culinary Arts - Cooperative Education**

JTED Course Approval Applications for Culinary Arts for the 2007-2008 school year:

Note: A total of 117 courses were withdrawn from the approval process for various reasons (i.e., a certified teacher left position, course did not make enrollment, school schedule conflicts etc.) Withdrawn courses are not reflected in the table.

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 23 | 4 | 27 |
| CAVIT | 0 | 16 | 1 | 17 |
| COCHISE | 0 | 13 | 1 | 14 |
| CVIT | 0 | 4 | 0 | 4 |
| EVIT | 0 | 99 | 18 | 117 |
| GIFT | 0 | 10 | 1 | 11 |
| NATIVE | 0 | 11 | 0 | 11 |
| NAVIT | 0 | 28 | 0 | 28 |
| PIMA | 0 | 40 | 0 | 40 |
| VACTE | 0 | 1 | 0 | 1 |
| WEST-MEC | 56 | 0 | 14 | 70 |
| TOTAL | 56 | 245 | 39 | 320 |

Dental Assisting
Program CIP Code: 51.0600

The following lists the recommended sequence of courses that are necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.0600.10 Fundamentals of Dental Assisting
- and-
- 51.0600.20 Dental Assisting - Advanced Applications
- And program may elect to add:
- 51.0600.80 Dental Assisting - Cooperative Education

JTED Course Approval Applications submitted for Dental Assisting for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 4 | 0 | 4 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 0 | 0 | 0 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 4 | 0 | 4 |

Design and Merchandising
Program CIP Code: 52.1900

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Design and Merchandising standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.1900.10 **Fundamentals of Design and Merchandising**
-and-

Option A

52.1900.20 **Fashion Design and Merchandising Applications**
-or-

Option B

52.1900.30 **Interior Design and Merchandising Applications**
And program may elect to add:
52.1900.80 **Design and Merchandising - Cooperative Education**

JTED Course Approval Applications submitted for Design and Merchandising for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 3 | 1 | 4 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 113 | 16 | 129 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 4 | 7 | 0 | 11 |
| PIMA | 0 | 11 | 0 | 11 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 18 | 0 | 8 | 26 |
| TOTAL | 22 | 134 | 25 | 181 |

Diagnostic and Intervention Technologies
Program CIP Code: 51.0900

The Diagnostic and Intervention Technologies program consists of three options, each of which will have its own set of Career Preparation standards. At least two Carnegie Units will be earned in the Career Preparation sequence of courses. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Option A

51.0900.20 **Fundamentals of Respiratory Therapy**
-and-

51.0900.25 **Respiratory Therapy - Advanced Applications**
-or-

Option B

51.0900.30 **Fundamentals of Emergency Medical Paramedics**

-and-

51.0900.35 **Emergency Medical Paramedics - Advanced Applications**

-or-

Option C

51.0900.40 **Fundamentals of Surgical Technicians**

-and-

51.0900.45 **Surgical Technicians - Advance Applications**

And program may elect to add:

51.0900.80 **Diagnostic & Intervention Technologies - Cooperative Education**

JTED Course Approval Applications submitted for Diagnostic and Intervention Technologies for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 2 | 0 | 2 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 5 | 1 | 6 |
| GIFT | 0 | 3 | 0 | 3 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 6 | 0 | 6 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 3 | 0 | 0 | 3 |
| TOTAL | 3 | 16 | 1 | 20 |

Drafting and Design Technology
Program CIP Code: 15.1300

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Drafting and Design Technology standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

15.1300.10 Drafting and Design Technology Fundamentals
-and-

One of the following Career Preparation courses (.20, .30, .40 or .50) will be included as part of the instructional sequence for this program:

Option A

15.1300.20 Architectural Drafting
-or-

Option B

15.1300.30 Civil Drafting
-or-

Option C

15.1300.40 Electronics Drafting
-or-

Option D

15.1300.50 Mechanical Drafting
And program may elect to add:
-or-

15.1300.80 Drafting and Design Technology - Cooperative Education

JTED Course Approval Applications submitted for Drafting and Design Technology for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 20 | 0 | 3 | 23 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 6 | 3 | 0 | 9 |
| CVIT | 4 | 1 | 0 | 5 |
| EVIT | 28 | 9 | 5 | 42 |
| GIFT | 0 | 24 | 0 | 24 |
| NATIVE | 9 | 2 | 1 | 12 |
| NAVIT | 10 | 0 | 10 | 20 |
| PIMA | 1 | 27 | 1 | 29 |
| VACTE | 3 | 0 | 0 | 3 |
| WEST-MEC | 40 | 18 | 37 | 95 |
| TOTAL | 121 | 84 | 57 | 262 |

Early Childhood Education
Program CIP Code: 13.1210

The following lists the recommended sequence of courses organized on the basis of industry-recognized skills necessary for initial employment or continued related education. All the state-designated Early Childhood Education standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 13.1210.10** **Fundamentals of Early Childhood Education**
-and-
13.1210.20 **Early Childhood Education Applications**
And program may elect to add:
13.1210.80 **Early Childhood Education - Cooperative Education**

JTED Course Approval Applications submitted for Early Childhood Education for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 8 | 0 | 0 | 8 |
| CAVIT | 8 | 0 | 0 | 8 |
| COCHISE | 3 | 3 | 0 | 6 |
| CVIT | 6 | 2 | 0 | 8 |
| EVIT | 92 | 10 | 0 | 102 |
| GIFT | 4 | 6 | 0 | 10 |
| NATIVE | 5 | 2 | 0 | 7 |
| NAVIT | 24 | 0 | 0 | 24 |
| PIMA | 20 | 1 | 0 | 21 |
| VACTE | 3 | 0 | 0 | 3 |
| WEST-MEC | 53 | 10 | 1 | 64 |
| TOTAL | 226 | 34 | 1 | 261 |

Education Professions
Program CIP Code: 13.1200

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Education Professions standards are addressed in this instructional program. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 13.1200.10** **Education Professions Fundamentals**
 -and-
13.1200.20 **Education Professions Applications**
And program may elect to add:
13.1200.80 **Education Professions - Cooperative Education**

JTED Course Approval Applications submitted for Education Professions for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 3 | 0 | 0 | 3 |
| CAVIT | 3 | 0 | 0 | 3 |
| COCHISE | 4 | 3 | 0 | 7 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 34 | 28 | 0 | 62 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 3 | 0 | 0 | 3 |
| NAVIT | 0 | 16 | 0 | 16 |
| PIMA | 10 | 6 | 0 | 16 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 61 | 6 | 0 | 67 |
| TOTAL | 118 | 59 | 0 | 177 |

Electrical and Power Transmission Technology
Program CIP Code: 46.0300

The program is comprised of a core curriculum and two options: Option A (Residential Electrician) and Option B (Industrial Electrician). The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 46.0300.10** **Electrical Fundamentals**
 -and-

At least one option must be included as part of the instructional sequence for this program:

Option A

- 46.0300.20** **Residential Electrician I**
 -and-
46.0300.25 **Residential Electrician II.**
 -or-

Option B

- 46.0300.30 Industrial Electrician I
-and-
46.0300.35 Industrial Electrician II
And program may elect to add:
46.0300.80 Electrical and Power Transmission Technology - Cooperative Education

JTED Course Approval Applications submitted for Electrical and Power Transmission Technology for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|----------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 1 | 0 | 1 |
| PIMA | 0 | 6 | 0 | 6 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 7 | 0 | 7 |

Electronic Technology
Program CIP Code: 15.0300

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 15.0300.10 Electronic Technology Core Curriculum
-and-
15.0300.20 Basic Electricity Principles and Applications
-and-
15.0300.25 Basic Electronic Principles and Applications
And program may elect to add:
15.0300.80 Electronic Technology - Cooperative Education

JTED Course Approval Applications submitted for Electronic Technology for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|---------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 4 | 1 | 5 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |

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| | | | | |
|----------|---|----|---|----|
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 21 | 7 | 28 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 3 | 0 | 3 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 11 | 0 | 11 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 39 | 8 | 47 |

Engineering Sciences
Program CIP Code: 15.0000

Program Description Under Development

JTED Course Approval Applications submitted for Engineering Sciences for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|----------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 3 | 0 | 3 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 6 | 0 | 6 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 14 | 0 | 14 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 20 | 0 | 20 |
| TOTAL | 0 | 43 | 0 | 43 |

Financial Services
Program CIP Code: 52.0800

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All Career Preparation state-designated Financial Services standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 52.0800.10 Introduction to Business and Financial Services**
-and-
52.0800.20 Basic Financial Services
-and-

One or more of the following courses will be included as part of the instructional sequence for this program:

- 52.0800.30 **Advanced Financial Services**
 -or-
 52.0800.80 **Financial Services - Cooperative Education**

JTED Course Approval Applications submitted for Financial Services for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 12 | 0 | 12 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 16 | 0 | 16 |
| TOTAL | 0 | 28 | 0 | 28 |

Fire Science

Program CIP Code: 43.0200

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the Career Preparation state-designated Fire Science standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 43.0200.10 **Fundamentals of Fire Science**
 -and-
 43.0200.20 **Fire Science - Advanced Applications**
 And program may elect to add:
 43.0200.80 **Fire Science - Cooperative Education**

JTED Course Approval Applications submitted for Fire Science for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 3 | 0 | 0 | 3 |
| COCHISE | 3 | 0 | 0 | 3 |
| CVIT | 0 | 4 | 0 | 4 |
| EVIT | 3 | 0 | 1 | 4 |
| GIFT | 6 | 0 | 0 | 6 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 26 | 0 | 26 |
| PIMA | 0 | 8 | 0 | 8 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 27 | 10 | 37 |
| TOTAL | 15 | 65 | 11 | 91 |

Graphic Communications
Program CIP Code: 10.0300

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Graphic Communications standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

10.0300.10 Graphic Communications Fundamentals

-and-

The following course can be added, if necessary, to the Coherent Sequence of Instruction.

10.0300.12 Graphic Communication Fundamentals II

-and-

Two of the following Career Preparation courses (.20 and .25 or .30 and .35 or .40 and .45) will be included as part of the instructional sequence for this program:

Option A

10.0300.20 Graphic Arts I.

-and-

10.0300.25 Graphic Arts II

-or-

Option B

10.0300.30 Graphic Design I

-and-

10.0300.35 Graphic Design II

-or-

Option C

10.0300.40 Photo Imaging I

-and-

10.0300.45 Photo Imaging II

And program may elect to add:

10.0300.80 Graphic Communications - Cooperative Education

JTED Course Approval Applications submitted Graphic Communications for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 3 | 7 | 1 | 11 |
| CAVIT | 0 | 8 | 0 | 8 |
| COCHISE | 3 | 3 | 0 | 6 |
| CVIT | 3 | 0 | 0 | 3 |
| EVIT | 28 | 75 | 3 | 106 |
| GIFT | 0 | 20 | 0 | 20 |
| NATIVE | 1 | 19 | 0 | 20 |
| NAVIT | 22 | 0 | 0 | 22 |
| PIMA | 58 | 29 | 2 | 89 |
| VACTE | 0 | 12 | 9 | 21 |
| WEST-MEC | 31 | 20 | 24 | 75 |
| TOTAL | 149 | 193 | 39 | 381 |

Heating/Air Conditioning Maintenance
Program CIP Code: 47.0200

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 47.0200.10 Heating/Air Conditioning Maintenance I**
 -and-
47.0200.20 Heating/Air Conditioning Maintenance II
 And program may elect to add:
47.0200.80 Heating/Air Conditioning Maintenance - Cooperative Education

JTED Course Approval Applications submitted for Heating/Air Conditioning Maintenance for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 8 | 0 | 8 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 6 | 0 | 6 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 14 | 0 | 14 |

Heavy Equipment Operations
Program CIP Code: 49.0200

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 49.0200.10 Heavy Equipment Operations I**
 -and-
49.0200.20 Heavy Equipment Operations II
 And program may elect to add:
49.0200.80 Heavy Equipment Operations - Cooperative Education

JTED Course Approval Applications submitted for Heavy Equipment Operations the for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 24 | 0 | 0 | 24 |
| PIMA | 0 | 0 | 0 | 0 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 24 | 0 | 0 | 24 |

Hospitality Management
Program CIP Code: 52.0900

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Hospitality Management standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

- 52.0900.10** **Fundamentals of Hospitality Management**
- and-**
- 52.0900.20** **Hospitality Management Applications**
- And program may elect to add:**
- 52.0900.80** **Hospitality Management - Cooperative Education**

JTED Course Approval Applications submitted for Hospitality Management for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 3 | 0 | 0 | 3 |
| CAVIT | 0 | 5 | 0 | 5 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 17 | 3 | 20 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 3 | 0 | 3 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 26 | 0 | 26 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 3 | 51 | 3 | 57 |

Industrial Manufacturing
Program CIP Code: 15.0600

The Industrial Manufacturing program is comprised of two core curriculums and three options: Option A (Metals Manufacturing); Option B (Plastic Manufacturing) or Option C (Production Technologies). The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

15.0600.10 Fundamentals of Industrial Manufacturing

-and-

15.0600.12 Applications of Industrial Manufacturing

-and-

One of the following Career Preparation options will be included as part of the instructional sequence for this program:

Option A

15.0600.20 Metals Manufacturing

-or-

Option B

15.0600.30 Plastics Manufacturing

-or-

Option C

15.0600.40 Production Technology

And program may elect to add:

15.0600.80 Industrial Manufacturing - Cooperative Education

JTED Course Approval Applications submitted for Industrial Manufacturing for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 3 | 0 | 3 |
| CAVIT | 0 | 3 | 0 | 3 |
| COCHISE | 0 | 3 | 0 | 3 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 19 | 2 | 21 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 17 | 0 | 17 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 9 | 3 | 12 |
| TOTAL | 0 | 54 | 5 | 59 |

Information Technology
Program CIP Code: 15.1200

The Information Technology program consists of a core curriculum and four areas of specialization for a student to choose from: Option A) Computer Maintenance; Option B) Network Technology; Option C) Software Development or Option D) Web Page Development. The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:
15.1200.10 Information Technology Fundamentals
-and-

One of the four Career Preparation options (.20 or .30 or .40 or .50) will be included as part of the instructional sequence for this program:

Option A
15.1200.20 Computer Maintenance
-or-

Option B
15.1200.30 Network Technology
-or-

Option C
15.1200.40 Software Development
-or-

Option D
15.1200.50 Web Page Development
And program may elect to add:
15.1200.80 Information Technology - Cooperative Education

JTED Course Approval Applications submitted for Information Technology for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 5 | 4 | 1 | 10 |
| CAVIT | 0 | 5 | 1 | 6 |
| COCHISE | 7 | 2 | 0 | 9 |
| CVIT | 4 | 0 | 0 | 4 |
| EVIT | 52 | 99 | 37 | 188 |
| GIFT | 0 | 34 | 0 | 34 |
| NATIVE | 6 | 10 | 1 | 17 |
| NAVIT | 50 | 4 | 26 | 80 |
| PIMA | 31 | 43 | 2 | 76 |
| VACTE | 0 | 3 | 1 | 4 |
| WEST-MEC | 21 | 68 | 10 | 99 |
| TOTAL | 176 | 272 | 79 | 527 |

Law, Public Safety and Security
Program CIP Code: 43.0100

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All Career Preparation state-designated Law, Public Safety and Security standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 43.0100.10** **Fundamentals of Law, Public Safety and Security**
 -and-
43.0100.20 **Law, Public Safety and Security - Advanced Applications**
And program may elect to add:
43.0100.80 **Law, Public Safety & Security - Cooperative Education**

JTED Course Approval Applications submitted for Law, Public Safety and Security for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 2 | 0 | 2 |
| CAVIT | 6 | 0 | 0 | 6 |
| COCHISE | 3 | 0 | 0 | 3 |
| CVIT | 2 | 0 | 0 | 2 |
| EVIT | 5 | 3 | 0 | 8 |
| GIFT | 7 | 0 | 9 | 16 |
| NATIVE | 0 | 4 | 1 | 5 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 14 | 0 | 14 |
| VACTE | 7 | 0 | 0 | 7 |
| WEST-MEC | 0 | 29 | 8 | 37 |
| TOTAL | 30 | 52 | 18 | 100 |

Marketing, Management, and Entrepreneurship
Program CIP Code: 52.1800

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Marketing, Management and Entrepreneurship standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 52.1800.10** **Marketing, Management and Entrepreneurship Fundamentals**
 -and-

One of the five Career Preparation options (.20, .30, .40, 50 or .60) will be included as part of the instructional sequence for this program:

Option A

- 52.1800.20** **Professional Sales and Marketing**
 -or-

Option B

- 52.1800.30** **E-Commerce Marketing**

- Option C**
52.1800.40 Entertainment Marketing
-or-
- Option D**
52.1800.50 Entrepreneurship
-or-
- Option E**
52.1800.60 Advertising
And program may elect to add:
52.1800.80 Marketing, Management and Entrepreneurship - Cooperative Education

JTED Course Approval Applications submitted for Marketing, Management and Entrepreneurship for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 15 | 1 | 16 |
| CAVIT | 3 | 1 | 3 | 7 |
| COCHISE | 11 | 3 | 1 | 15 |
| CVIT | 2 | 2 | 0 | 4 |
| EVIT | 80 | 38 | 27 | 145 |
| GIFT | 2 | 0 | 0 | 2 |
| NATIVE | 3 | 1 | 1 | 5 |
| NAVIT | 6 | 0 | 2 | 8 |
| PIMA | 23 | 23 | 1 | 47 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 58 | 53 | 14 | 125 |
| TOTAL | 188 | 136 | 50 | 374 |

Mental and Social Health Services
Program CIP Code: 51.1500

The following lists the recommended sequence of courses that will help prepare students to complete successfully a postsecondary program in mental and social health services. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.1500.10** Fundamentals of Mental and Social Health Services
-and-
51.1500.20 Mental and Social Health Services - Advanced Applications
And program may elect to add:
51.1500.80 Mental and Social Health Services - Cooperative Education:

JTED Course Approval Applications submitted for Mental and Social Health Services for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 0 | 0 | 0 |
| VACTE | 0 | 0 | 2 | 2 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 2 | 2 |

Nursing Services
Program CIP Code: 51.1600

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Nursing Services standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.1600.10 Fundamentals of Nursing Services
- and-
- 51.1600.20 Nursing Services - Advanced Applications
- And program may elect to add:
- 51.1600.80 Nursing Services - Cooperative Education

JTED Course Approval Applications submitted for Nursing Services for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 3 | 0 | 3 | 6 |
| CAVIT | 2 | 0 | 0 | 2 |
| COCHISE | 7 | 0 | 0 | 7 |
| CVIT | 0 | 4 | 0 | 4 |
| EVIT | 9 | 12 | 1 | 22 |
| GIFT | 6 | 0 | 5 | 11 |
| NATIVE | 20 | 0 | 1 | 21 |
| NAVIT | 28 | 1 | 0 | 29 |
| PIMA | 7 | 10 | 1 | 18 |
| VACTE | 0 | 1 | 0 | 1 |
| WEST-MEC | 46 | 0 | 12 | 58 |
| TOTAL | 128 | 28 | 23 | 179 |

Performing Arts
Program CIP Code: 50.0100

Program sequence is under development.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 50.0100.10** Performing Arts Fundamentals
 -and-
50.0100.20 Performing Arts I
 -and-
50.0100.25 Performing Arts II
And program may elect to add:
50.0100.80 Performing Arts - Cooperative Education

JTED Course Approval Applications submitted for Performing Arts for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|----------------------------|--|------------------------------|-----------------------------------|
| CAVIAT | 0 | 0 | 4 | 4 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 3 | 0 | 0 | 3 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 0 | 0 | 0 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 22 | 0 | 22 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 3 | 22 | 4 | 29 |

Telecommunications Maintenance and Installation
Program CIP Code: 47.0100

The following lists the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Telecommunications Maintenance and Installers standards are addressed in this instructional sequence. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 47.0100.10** Telecommunications Maintenance and Installation Fundamentals
 -and-
47.0100.20 Telecommunications Maintenance and Installation I
 -and-
47.0100.25 Telecommunications Maintenance and Installation II
And program may elect to add:
47.0100.80 Telecommunications Maintenance and Installation - Cooperative Education

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | | | | |
| CAVIT | | | | |
| COCHISE | | | | |
| CVIT | | | | |
| EVIT | | | | |
| GIFT | | | | |
| NATIVE | | | | |
| NAVIT | | | | |
| PIMA | | | | |
| VACTE | | | | |
| WEST-MEC | | | | |
| TOTAL | | | | |

Therapeutic Massage
Program CIP Code: 51.3500

The following lists the recommended courses to be developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.3500.10** **Fundamentals of Therapeutic Massage**
- and-**
- 51.3500.20** **Therapeutic Massage - Advanced Applications**
- And program may elect to add:**
- 51.3500.80** **Therapeutic Massage - Cooperative Education**

JTED Course Approval Applications submitted for Therapeutic Massage for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 0 | 0 | 0 | 0 |
| CAVIT | 0 | 0 | 0 | 0 |
| COCHISE | 0 | 0 | 0 | 0 |
| CVIT | 0 | 0 | 0 | 0 |
| EVIT | 0 | 4 | 0 | 4 |
| GIFT | 0 | 0 | 0 | 0 |
| NATIVE | 0 | 0 | 0 | 0 |
| NAVIT | 0 | 0 | 0 | 0 |
| PIMA | 0 | 0 | 0 | 0 |
| VACTE | 0 | 0 | 0 | 0 |
| WEST-MEC | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 4 | 0 | 4 |

Welding Technology
Program CIP Code: 48.0500

The following lists the recommended courses developed from industry-validated skills necessary for initial employment or continued related education. (See appendix C for complete program and course descriptions.)

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 48.0500.10** **Welding Technology Core Curriculum**
 -and-
48.0500.20 **Welding Technology I**
 -and-
48.0500.25 **Welding Technology II**
 And program may elect to add:
48.0500.80 **Welding Technology - Cooperative Education**

JTED Course Approval Applications submitted for Welding Technology for the 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-----------------|-----------------------------------|---|-------------------------------------|--|
| CAVIAT | 18 | 0 | 3 | 21 |
| CAVIT | 0 | 6 | 0 | 6 |
| COCHISE | 0 | 3 | 0 | 3 |
| CVIT | 0 | 6 | 0 | 6 |
| EVIT | 0 | 5 | 2 | 7 |
| GIFT | 0 | 39 | 0 | 39 |
| NATIVE | 0 | 19 | 1 | 20 |
| NAVIT | 0 | 24 | 0 | 24 |
| PIMA | 0 | 23 | 0 | 23 |
| VACTE | 0 | 2 | 0 | 2 |
| WEST-MEC | 0 | 26 | 0 | 26 |
| TOTAL | 18 | 153 | 6 | 177 |

Currently Unrecognized Career and Technical Education Program Submissions

The following courses were submitted for consideration, but do not meet the requirement of “meeting the standards of a career preparatory vocational program as determined by the Career and Technical Education Section of the Arizona Department of Education.” These programs were not approved. An appeals process was established by Career and Technical Education Section and approved by the CTE Advisory Committee to the State Board of Education and by the Arizona State Board of Career and Technological Education, for JTEDS that would like consideration for their unapproved courses. To date no courses have appealed.

Air Force JROTC

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| EVIT | 0 | 0 | 8 | 8 |
| WEST-MEC | 0 | 0 | 152 | 152 |
| TOTAL | | | 160 | 160 |

Army JROTC

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| EVIT | 0 | 0 | 4 | 4 |
| WEST-MEC | 0 | 0 | 152 | 152 |
| TOTAL | | | 156 | 156 |

Navy/Marine JROTC

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| WEST-MEC | 0 | 0 | 152 | 152 |
| TOTAL | | | 152 | 152 |

Data Entry/Microcomputer Applications

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|--------------|-----------------------------------|---|-------------------------------------|--|
| PIMA | 0 | 0 | 30 | 30 |
| TOTAL | | | 30 | 30 |

Legal Support Services

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-------|----------------------------|--|------------------------------|-----------------------------------|
| PIMA | 0 | 0 | 1 | 1 |
| TOTAL | | | 1 | 1 |

Aircraft Pilot and Navigator

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-------|----------------------------|--|------------------------------|-----------------------------------|
| PIMA | 0 | 0 | 3 | 3 |
| TOTAL | | | 3 | 3 |

Small Business Prop

JTED Course Approval Applications for 2007-2008 school year:

| JTED | Number of Courses Approved | Number of Courses Conditionally Approved | Number of Courses Unapproved | Total Number of Courses Requested |
|-------|----------------------------|--|------------------------------|-----------------------------------|
| PIMA | 0 | 0 | 13 | 13 |
| TOTAL | | | 13 | 13 |

QUESTION 3: JTED Course Cost

ARS § 15-393.M3. “The costs associated with each course offered by the joint district.”

The analysis of JTED “course cost” proved difficult. A primary issue was that the statute did not define the term “cost.”

Discussions with Joint Legislative Budget Committee staff, Auditor General’s staff and the ADE Audit Division raised a series of options but not a definitive answer.

Methodology

The ADE CTE Section elected to request course expenditure information for the same categories reported in the Joint Career and Technical Education and Vocational Center Supplement to Annual Financial Report (AFR) –

- Salaries
- Employee Benefits
- Purchased Services
- Supplies
- Rentals
- Books & Instructional Aids
- Property (excluding equipment)
- Equipment
- Other

Historically, districts do not track expenditures at the course or program level.

Prior to the start of the SY 2006-2007, HB 2700 added the “course cost” reporting requirement to ARS § 15-393. District accounting systems were already in place for SY 2007 and did not anticipate the “course cost” reporting requirement.

The JTEDs and their member districts did not have sufficient lead-time to change their automated accounting systems to accommodate the required changes to ARS § 15-393 for SY 2007.

While the USFR does permit cost recording at the course level, cost reporting is typically less detailed. Normally, expenditures are recorded at the revenue source level. For instance, a district’s salary cost would be recorded against the grant or revenue code to which the salary was being charged at the budget or total grant level and *not* by course.

Appendix J contains a summary of total “course cost” by course and by JTED and their member district. It includes mode, median and maximum cost expenditure percent information for the “salary” through “other” costs categories listed above.

Since JTEDs did not collect SY 2007 expenditure data at the course level during the SY 2007 (when costs were being incurred), reporting “course cost” by hour proved to be too difficult.

The cost information reviewed was for SY 2007 only. In almost all cases, JTEDs had to *back into* the expenditure information requested and reported. It has proved to be a difficult task for them since so much of the course cost detail was estimated.

Challenges/Problems

Volume – Reporting By Course: Currently, the CTE Section has identified 37 broad program areas. However, the number of potential course offerings can number in the hundreds. For example, “Automotive” is listed as a single program. Under “Automotive,” there are 11 primary course codes that range from “Automotive Technology I” (course number 47.0600.20) to “Aircraft Mechanics II” (course number 47.0600.55). By adding additional course numbers to the CTE course format (e.g. 47.0600.21), individual districts can define further their course offerings, breaking down a course code to “brakes and hydraulics.”

Reporting Big “Ticket Items”: Any JTED that constructs a new facility or retrofits an existing facility to improve a program, or introduces a new program, may have enormous initial program/course costs unless the costs were amortized over time or excluded from data reported as part of a course’s cost.

Federal & State Grant Expenditures: Federal and state grant funds are used to supplement both JTED and non-JTED courses. Did the Legislature intend that these funds and their related expenditures be captured also?

In an effort to capture all costs, we requested that JTEDs ignore whether a revenue source is federal or state. It is not clear that this information falls within the intent of the statutory language or if the JTEDs can accurately capture this information. Capturing information by revenue stream would seem to add another layer of complexity to this process.

Increased Administrative Cost: To facilitate user-friendly input screens and CTE course or program cost reporting, most JTEDs and their member districts will need to modify their current accounting system applications. There is an incurred cost associated with modifying their systems and retraining staff.

A larger, on-going cost, is associated with the need (in some instances) to hire dedicated staff to input, track and allocate CTE costs on either a course or program basis.

Most Importantly...

Legislative Intent: relative to the “course cost” reporting question, what did the Legislature wish to see?

Traditional possibilities could include:

- the cost of implementing a new JTED program;
- the cost of maintaining an existing JTED program; and
- the ability to compare the cost of a JTED program/course from one JTED to another.

If the Legislature’s goal truly is a formal cost analysis of the JTED educational delivery system, a *cost study* may be required in order to provide more qualified answers with a good degree of confidence.

If the Legislature’s question is more focused on *outcomes*, then other options of defining “program/course cost” might include:

- The cost per related student placement (work, continuing education or the military).
- Assessment Results:
 - the cost per successful state adopted program assessment or exam;
 - the number of students awarded a community college degree or certificate;
 - the number of students who pass a state licensing exam (i.e., cosmetology, certified nursing assistant, etc.); or
 - the number of students who pass a recognized industry certification (Microsoft, American Automotive Association, etc).

Methodology

Course cost was requested on an “aggregate” basis *and* on an “average cost per hour” basis. Costs such as salaries, benefits, equipment, etc. were requested on a “percent” of the aggregate course cost basis.

To capture the requested data, a standard Excel reporting worksheet (appendix I) was supplied to each JTED. As with any first-time process, there were a significant number of questions and numerous challenges and/or problems. In addition, the undertaking took place during the November and December holiday season with each JTED only having slightly more than a month to complete the task.

Comparing CTE course costs on an aggregate basis is difficult. Delivery methods vary from a one-hour traditional course delivery method to a block schedule approach where

the student receives more than one hour of instruction at a time. In some cases, the satellite districts reported incomplete data or failed to report in the format requested.

To facilitate accurate, objective comparisons of specific CTE programs between JTEDs and between JTED courses, the CTE Section utilized basic units of measurement by requesting that each JTED report their course costs on an “aggregate” and “per hour of instruction” basis.

Even that proved to be a problem as some JTEDs interpreted the question on a class basis (whether 55 or 90 minutes long) and report their cost for delivering a course for 180 hours (the whole year) while others reported the cost for 60 minutes of instruction (what the CTE Section wished to see).

Where possible, we settled for the total aggregate cost reported by course for the entire JTED. A more detailed review of the cost data supplied for the following satellites was conducted:

- EVIT – EVIT Main
- EVIT – Mesa USD
- NAVIT – Blue Ridge USD
- NAVIT – Winslow USD
- VACTE – Mingus UHSD
- VACTE – Camp Verde USD

Analysis-Conclusions

The CTE staff fully expected to see courses with high start-up expenses and highly specialized facilities expenditures cost more than those with less specialized equipment and facility requirements did.

That was not the case...

For example, it was clearly expected that an automotive course would cost more than a business, accounting, graphics or program-specific introductory course. However, automotive courses usually were less expensive than some of the JTEDs’ other program offerings. Also, course costs varied from JTED to JTED for the same program(s). While the expectation was limited related to the self-reported course cost (that was, in most cases, *backed into* information), there appeared to be some trends.

After discussions with JTED superintendents and staff, it is the CTE Section’s position that the cost reported primarily *reflects expenditures made to maintain existing JTED programs and courses* and that the course costs reported most closely aligned with-

- Teachers’ salaries and benefits

Total aggregate course costs for the six JTED locations listed above were correlated to salaries and benefits, purchased services, course enrollment, supplies, books and instructional aids, property and equipment.*

The correlation coefficient for salary and benefits to total course costs exceeded 0.9 for all six districts sampled. At the EVIT Main and Blue Ridge USD locations, the correlation coefficient for enrollment to total course cost exceeded 0.7. However, the results for the other expenditure categories varied at each district.

At four of the JTED locations, the correlation coefficient for equipment costs was in the 0.70+ range. If you look at individual programs such as Culinary Arts, you often will see supplies (assumed consumables) representing a significant program/course cost relative to the total spent on a course.

With only one years worth of data reported, it was not possible to draw any conclusions related to spending trends.

These factors lead to the CTE Section’s position that *the course cost data collected reflects how individual JTEDs expended their individual revenues in the school year being reported and may not answer the “cost” question being sought by the change to ARS 15-393.M.3.*

Recommendations

- Work with ADE CTE staff, legislative staff and the JTED superintendents to determine the nature of “course or program cost” and what the Legislature wants reported.
- Give JTEDs sufficient time to modify their accounting systems in order to gather and report the information sought.
- Consider a cost study to replace the cost reporting requirement in ARS 15-383.M.3.
- Eliminate *course* cost reporting and replace it with CTE *program* cost reporting.
- Review other options, such as “cost per desired outcome,” for the purpose of meeting the course/program cost reporting requirement in ARS 15-383.M.3.

*

| JTED DATA | Selected Expenses to Total Course Costs Correlation Coefficients | | | | | | | |
|--|--|-----------------------|----------------------|--------------------------|----------------------|-----------------------|-------------------|------------------------|
| | Salary Correlation | Purch Srv Correlation | Supplies Correlation | Books & Aids Correlation | Property Correlation | Equipment Correlation | Other Correlation | Enrollment Correlation |
| EVIT Main Campus | 0.98 | \$0 | 0.17 | 0.57 | \$0 | 0.41 | 0.17 | 0.89 |
| EVIT - Member District Mesa USD | 0.92 | Low \$ | 0.25 | Negative | Negative | 0.78 | 0.22 | 0.52 |
| NAVIT - Member District Blue Ridge USD | 0.99 | \$0 | 0.78 | 0.12 | 0.80 | 0.44 | 0.76 | 0.71 |
| NAVIT - Member District Winslow USD | 0.96 | 0.79 | 0.80 | 0.18 | 0.83 | 0.73 | 0.05 | 0.37 |
| VACTE - Member District Camp Verde USD | 0.93 | 0.44 | 0.44 | 0.75 | \$0 | 0.76 | \$0 | 0.48 |
| VACTE - Member District Mingus UHSD | 0.92 | 0.55 | 0.02 | 0.77 | \$0 | 0.22 | \$0 | 0.69 |

\$0 = No Expenditures Reported
 Low \$ = Minimal Expenditures Reported
 Negative = Negative Correlation

QUESTION 4: Course Completion Rates

ARS § 15-393.M 4 “The completion rate for each course offered by the joint district.”

The completion rate of each course is calculated by using the number of students passing each course divided by the number of students enrolled in each course.

Methodology

The course completion information for each JTED is self-reported. Each JTED supplied the JTED site, program, course and course title, number enrolled, number passing and passing percentage. A JTED can provide a course several times during different periods of the day. From each of the JTED member schools, a total of each course’s number enrolled, number passing and the passing percentage was calculated for the entire JTED, with the exception of EVIT. The EVIT Main courses and EVIT site satellite courses were combined and calculated to produce a completion rate for EVIT.

The following formula was used to calculate course completion:

$$\frac{\text{Number of students who received transcribed credit}}{\text{Number of students enrolled in the course}}$$

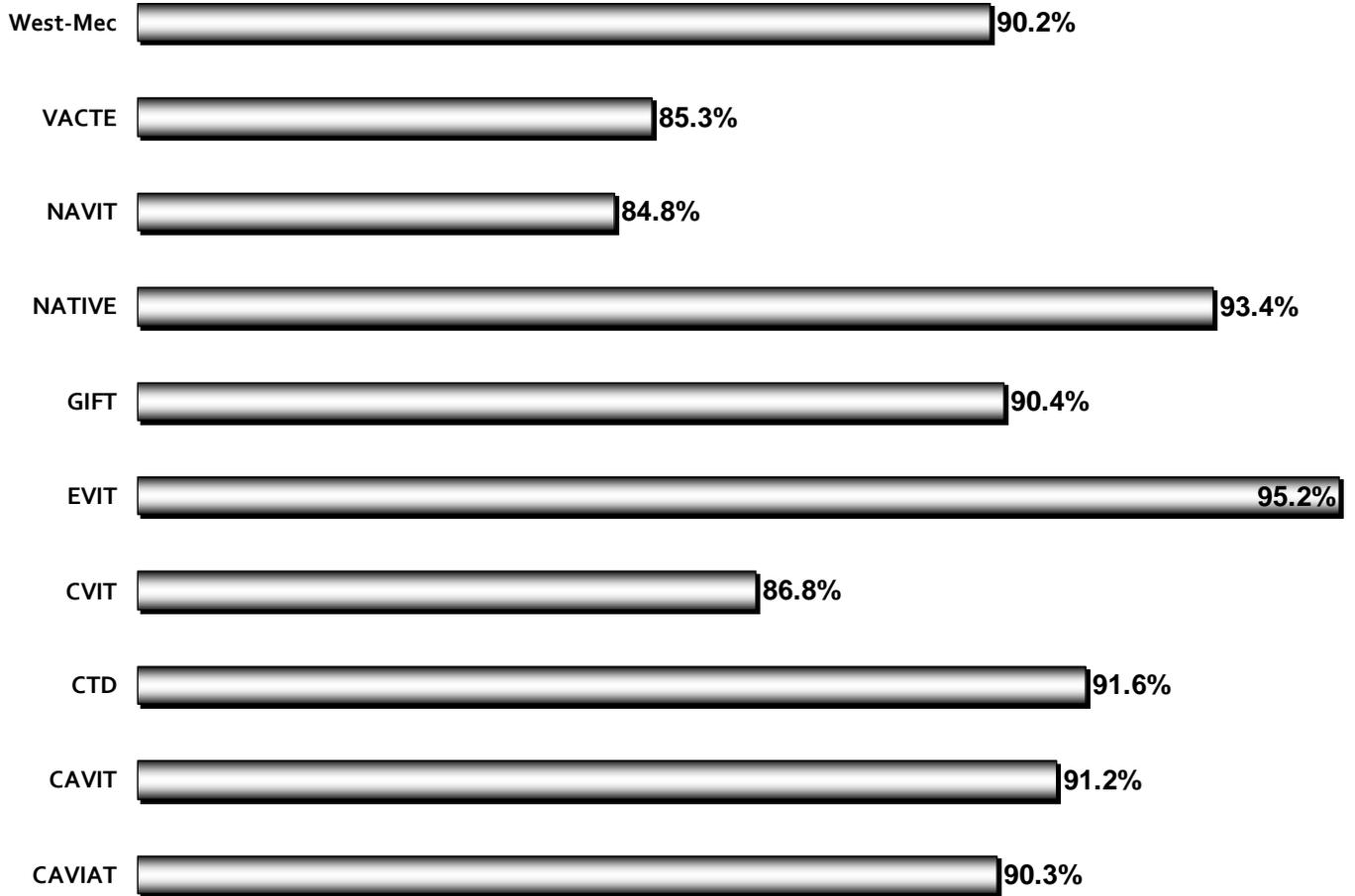
Challenges and issues related to data reporting include the following.

- The data was not verified by the CTE Section.
- The data did not include students who dropped the course, only those who completed the course and passed or failed.
- The denominator used by each JTED was not consistent:
 - some districts used the course enrollment as of the 10th day in session; and/or
 - some districts used the transcript. (All students with the course identified on the transcript were used in the denominator and only those students who received transcribed credit were used in the numerator.)

2007 JTED Course Completion Data

The following pages contain SY 2007 JTED course completion data including: course number; number of students enrolled; number of students who passed course; percentage of students who passed the course.

**SY 2007
JTED COURSE COMPLETION**



SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|---------------|---|--------|----------|-----------------|--------------|---|--------|----------|-----------------|------------------------|--|--------|----------|-----------------|
| CAVIAT | | | | | 52020010 | Intro to Bus Mgmt/Admin Srv | 198 | 219 | 90% | 52090010 | Hospitality Mgmt Principles | 95 | 100 | 95% |
| 03020010 | Agrisci-Renew Natl Res | 20 | 21 | 95% | 52020020 | Basic Bus Mgmt/Admin Srv | 35 | 37 | 95% | 52090020 | Hospitality Mgmt App | 25 | 30 | 83% |
| 10020010 | Audio/Visual Tech Fundtls | 30 | 32 | 94% | 52020070 | Bus Mgmt/Admin Srv DCE | 44 | 44 | 100% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 75 | 77 | 97% |
| 10020020 | Electronic Journalism Option A | 26 | 28 | 93% | 52030010 | Introduction to Business and Accounting | 9 | 9 | 100% | 52180020 | Prof Sales and Mktg Option A | 146 | 152 | 96% |
| 10030010 | Graphic Communications Fundtl | 363 | 400 | 91% | 52030020 | Basic Accounting | 3 | 3 | 100% | 52180080 | Mktg, Mgmt and Entrepr COOP Ed | 109 | 118 | 92% |
| 10030020 | Graphic Arts I Option A | 12 | 12 | 100% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 41 | 45 | 91% | 99010010 | Information Tech | 526 | 582 | 90% |
| 10030040 | Photo Imaging I Option C | 7 | 8 | 88% | 52180020 | Prof Sales and Mktg Option A | 78 | 89 | 88% | 99020010 | Industrial Tech | 23 | 34 | 68% |
| 10030060 | Photo Imaging I Option C | 32 | 40 | 80% | 52190010 | Design and Mdse Fundtls | 52 | 54 | 96% | 99030030 | Appl Biolog Sys - Health | 44 | 48 | 92% |
| 12020070 | *** Unknown Course # *** | 9 | 9 | 100% | 52190020 | Fashion Design & Mdse App Option A | 21 | 23 | 91% | 99040010 | Business Mgmt Tech | 245 | 287 | 85% |
| 12050010 | Culinary Arts Principles | 333 | 366 | 91% | 99050010 | Life Connections | 39 | 46 | 85% | CTD | | | | |
| 12050020 | Culinary Arts Applications | 310 | 326 | 95% | CAVIT | | | | | 01010010 | Agr Bus Mgmt - Intro Appl Biological Sys | 357 | 401 | 89% |
| 12050070 | Culinary Arts DCE | 38 | 38 | 100% | 01010010 | Agricultural Bus Mgmt - Intro Appl Biolog | 79 | 88 | 90% | 01010030 | Plant Systems Option B | 46 | 50 | 92% |
| 13120010 | Early Childhood Education Fundtl | 70 | 75 | 93% | 01010030 | Plant Systems Option B | 80 | 92 | 87% | 01010040 | Animal Systems Option C | 82 | 85 | 96% |
| 13120020 | Early Childhood Education App | 85 | 88 | 97% | 10010010 | *** Unknown Course # *** | 15 | 15 | 100% | 01010050 | Natl Renewable Resources Sys Option | 9 | 9 | 100% |
| 13120070 | Early Childhood Education DCE | 2 | 2 | 100% | 10010030 | *** Unknown Course # *** | 32 | 35 | 91% | 10020010 | Fundtls of Radio/Television Tech | 45 | 48 | 94% |
| 13150010 | Education Professions Fundtl | 119 | 132 | 90% | 10020010 | Audio/Visual Tech Fundtls | 30 | 30 | 100% | 10020030 | Interactive Digital Media Option B | 22 | 22 | 100% |
| 13150020 | Education Professions App | 8 | 8 | 100% | 10020020 | Electronic Journalism Option A | 66 | 68 | 97% | 10030010 | Fundtl of Graphic Communications | 61 | 62 | 98% |
| 15030010 | Electronics Tech Core Curr | 63 | 65 | 97% | 10030010 | Graphic Communications Fundtl | 4 | 4 | 100% | 10030020 | Graphic Arts I Option A | 35 | 38 | 92% |
| 15030020 | Basic Electricity Prin and App | 25 | 26 | 96% | 10030030 | Graphics Design I Option B | 24 | 30 | 80% | 10030030 | Graphic Arts II Option A | 20 | 27 | 74% |
| 15030030 | Basic Electronics Prin and App | 30 | 31 | 97% | 10030040 | Photo Imaging I Option C | 156 | 174 | 90% | 12050010 | Culinary Arts Fundamentals | 166 | 174 | 95% |
| 15060010 | Fundamentals of Industrial Mfg | 27 | 27 | 100% | 12040010 | Fundamentals of Cosmetology | 6 | 6 | 100% | 12050020 | Culinary Arts Applications | 156 | 159 | 98% |
| 15060040 | Prin of Engineering Tech Option C | 13 | 13 | 100% | 12040020 | Cosmetology Advanced App | 6 | 6 | 100% | 13120010 | Early Childhood Education Fundtl | 22 | 22 | 100% |
| 15120010 | Information Technology Fundtls | 104 | 113 | 92% | 12050010 | Culinary Arts Principles | 235 | 247 | 95% | 13120020 | Early Childhood Education App | 5 | 5 | 100% |
| 15120020 | Computer Maintenance Option A | 29 | 32 | 91% | 12050020 | Culinary Arts Applications | 61 | 62 | 98% | 13150010 | Education Professions Fundtl | 17 | 17 | 100% |
| 15120050 | Web Page Development Option D | 10 | 11 | 91% | 13120020 | Early Childhood Education App | 3 | 3 | 100% | 13150020 | Education Professions App | 9 | 9 | 100% |
| 15120070 | Information Tech DCE | 3 | 3 | 100% | 13121010 | Early Childhood Education Fundtl | 19 | 19 | 100% | 15060010 | Fundamentals of Industrial Mfg | 10 | 11 | 91% |
| 15130010 | Draft/Design Tech Core Curriculum | 119 | 128 | 93% | 13122010 | *** Unknown Course # *** | 106 | 116 | 91% | 15120010 | Fundtls of Information Technology | 69 | 73 | 95% |
| 15130020 | Architectural Drafting Option A | 84 | 93 | 90% | 13122020 | *** Unknown Course # *** | 62 | 64 | 97% | 15120020 | Computer Maintenance Option A | 10 | 10 | 100% |
| 46020010 | Carpentry Tech Core Curriculum | 17 | 22 | 77% | 15060010 | Fundamentals of Industrial Mfg | 4 | 5 | 80% | 15120030 | Network Technology Option B | 1 | 1 | 100% |
| 46020030 | Cabinetmaking I Option B | 20 | 20 | 100% | 151200.0 | *** Unknown Course # *** | 7 | 8 | 88% | 15120050 | Web Page Development Option D | 13 | 13 | 100% |
| 46040010 | Construction Tech Core Curri | 198 | 216 | 92% | 15120010 | Information Technology Fundtls | 45 | 53 | 85% | 15130010 | Draft/Design Tech Core Curriculum | 48 | 48 | 100% |
| 46040020 | Construction Tech I Option A | 94 | 101 | 93% | 15120020 | Computer Maintenance Option A | 13 | 18 | 72% | 15130020 | Architectural Drafting Option A | 18 | 18 | 100% |
| 46040030 | Industrial Maintenance I Option B | 16 | 21 | 76% | 43010010 | Fundtls of Law Public Safety & Secu | 137 | 152 | 90% | 15130050 | Mechanical Drafting Option D | 23 | 25 | 92% |
| 46040070 | Construction Tech DCE | 4 | 4 | 100% | 43010020 | Law Public Safety & Secu Adv App | 8 | 9 | 89% | 43010010 | Fundtls of Law Public Safety & Secu | 73 | 79 | 92% |
| 47060010 | Auto Tech Core Curr | 250 | 306 | 82% | 46040010 | Construction Tech Core Curri | 94 | 95 | 99% | 43010020 | Law Public Safety & Secu Adv App | 44 | 50 | 88% |
| 47060020 | Automotive Technology I Option A | 83 | 104 | 80% | 46040020 | Construction Tech I Option A | 16 | 18 | 89% | 46020010 | Carpentry Tech Core Curriculum | 58 | 58 | 100% |
| 47060040 | Automotive Collision Repair I Option B | 16 | 22 | 73% | 46040030 | Industrial Maintenance I Option B | 23 | 23 | 100% | 46020020 | Carpentry I Option A | 21 | 21 | 100% |
| 47060050 | Automotive Collision Repair II Option B | 6 | 7 | 86% | 47060010 | Auto Tech Core Curr | 93 | 101 | 92% | 46040010 | Construction Tech Core Curri | 127 | 140 | 91% |
| 47060070 | Automotive Technology DCE | 6 | 7 | 86% | 47060020 | Automotive Technology I Option A | 27 | 32 | 84% | 46040020 | Construction Tech I Option A | 43 | 45 | 96% |
| 48050010 | Welding Tech Core Curriculum | 346 | 395 | 88% | 47060030 | Automotive/Collision Repair I Option B | 57 | 57 | 100% | 46040030 | Construction Tech II Option A | 10 | 10 | 100% |
| 48050020 | Welding Technology I | 199 | 221 | 90% | 48070010 | Woodworking Fundamentals | 91 | 102 | 89% | 47060010 | Auto Tech Core Curr | 66 | 113 | 58% |
| 48050030 | Welding Technology II Option A | 44 | 56 | 79% | 51080050 | Fundtls Sports Med/ Rehab Opt D | 75 | 77 | 97% | 47060020 | Automotive Technology I Option A | 29 | 39 | 74% |
| 48050070 | Welding Technology DCE | 1 | 1 | 100% | 51080060 | Fundtls of Med Asst Srv Option E | 31 | 31 | 100% | 48050010 | Welding Tech Core Curriculum | 8 | 9 | 89% |
| 48070010 | Woodworking Fundamentals | 20 | 24 | 83% | 51160010 | Fundtls of Nursing Svcs | 6 | 6 | 100% | 48050020 | Welding Technology I Option A | 8 | 9 | 89% |
| 48070020 | Woodworking Adv App | 29 | 30 | 97% | 52020010 | Intro to Bus Mgmt/Admin Srv | 141 | 172 | 82% | 51080050 | Sports Med and Rehab Therapies Option | 16 | 22 | 73% |
| 51160010 | Fundtls of Nursing Svcs | 61 | 66 | 92% | 52020020 | Basic Bus Mgmt/Admin Srv | 8 | 9 | 89% | 51160020 | Nursing Services Adv App | 18 | 18 | 100% |
| 51160020 | Nursing Services Adv App | 104 | 117 | 89% | 52030010 | Introduction to Business and Acct | 15 | 15 | 100% | Continued on Next Page | | | | |

SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|------------------|-----------------------------------|--------|----------|-----------------|-------------------------------|--|--------|----------|-----------------|---|------------------------------------|--------|----------|-----------------|
| CTD cont. | | | | | EVIT – Apache Junction | | | | | 47060080 Automotive Technology COOP Ed | | | | |
| 52020010 | Bus Mgmt/Admin Srv Fundtl | 228 | 248 | 92% | 10030010 | Graphic Communications Fundtl | 157 | 160 | 98% | 48070010 | Woodworking Fundamentals | 47 | 47 | 100% |
| 52020020 | Business Office Operations | 91 | 99 | 92% | 10030040 | Photo Imaging I Option C | 33 | 34 | 97% | 48070020 | Woodworking Adv App | 22 | 22 | 100% |
| 52020030 | Admin Infor Mgmt | 47 | 47 | 100% | 10030060 | Photo Imaging I Option C | 239 | 245 | 98% | 48070080 | Woodworking COOP Ed | 12 | 12 | 100% |
| 52020070 | Bus Mgmt/Admin Srv DCE | 4 | 4 | 100% | 13120010 | Early Childhood Education Fundtl | 116 | 145 | 80% | 51080010 | Fundtl of Allied Health Srv | 95 | 96 | 99% |
| 52030010 | Accounting and Related Srv Tech | 47 | 52 | 90% | 48050010 | Welding Tech Core Curriculum | 91 | 92 | 99% | 51080050 | Fundtl of Sports Med/ Rehab Opt D | 28 | 28 | 100% |
| 52030020 | Acctg Systems and Related Srv | 11 | 11 | 100% | 48050020 | Welding Technology I | 18 | 18 | 100% | 51160010 | Fundtl of Nursing Svcs | 62 | 65 | 95% |
| 52180010 | Fundtl of Mktg, Mgmt and Entrepr | 97 | 106 | 92% | 52020010 | Intro to Bus Mgmt/Admin Srv | 16 | 17 | 94% | 51160020 | Nursing Services Adv App | 2 | 2 | 100% |
| 52180030 | E-Commerce Mktg Option B | 10 | 10 | 100% | 99020010 | Industrial Tech | 125 | 139 | 90% | 52020010 | Intro to Bus Mgmt/Admin Srv | 134 | 135 | 99% |
| 52180050 | Entrepreneurship Option D | 71 | 71 | 100% | 99040010 | Business Mgmt Tech | 50 | 51 | 98% | 52020080 | Bus Mgmt/Admin Srv COOP Ed | 104 | 105 | 99% |
| 52180080 | Mktg, Mgmt and Entrepr COOP | 12 | 12 | 100% | 99050010 | Life Connections | 542 | 571 | 95% | 52090010 | Hospitality Mgmt Principles | 24 | 24 | 100% |
| 99040010 | Business Mgmt Tech | 143 | 159 | 90% | EVIT – Chandler | | | | | 52180010 | Mktg, Mgmt and Entrepr Fundtl | 414 | 419 | 99% |
| 99050010 | Life Connections | 53 | 58 | 91% | 01030010 | Agriscience I | 390 | 417 | 94% | 52180020 | Prof Sales and Mktg Option A | 142 | 144 | 99% |
| GVII | | | | | 01030020 | Agriscience II | 79 | 85 | 93% | 52180080 | Mktg, Mgmt and Entrepr COOP Ed | 137 | 139 | 99% |
| 01010010 | Agr Bus Mgmt - Intro Appl Bio Sys | 11 | 17 | 65% | 01030030 | Agriscience Bus Mgmt | 32 | 32 | 100% | 52190010 | Design and Mdse Fundtl | 180 | 183 | 98% |
| 10030040 | Photo Imaging I Option C | 3 | 3 | 100% | 01030060 | Agricultural Mechanics - Agriscience | 55 | 58 | 95% | 52190020 | Fashion Design & Mdse App Option A | 28 | 28 | 100% |
| 12050010 | Culinary Arts Principles | 39 | 52 | 75% | 01030080 | Agriscience COOP | 24 | 24 | 100% | 52190080 | Design and Mdse COOP Ed | 2 | 2 | 100% |
| 12050020 | Culinary Arts Applications | 11 | 11 | 100% | 10020010 | Audio/Visual Tech Fundtl | 207 | 213 | 97% | 99010010 | Information Tech | 580 | 588 | 99% |
| 13120010 | Early Childhood Education Fundtl | 20 | 21 | 95% | 10020020 | Electronic Journalism Option A | 209 | 212 | 99% | 99020010 | Industrial Tech | 273 | 277 | 99% |
| 13120050 | *** Unknown Course # *** | 9 | 11 | 82% | 10020080 | Audio/Visual Tech-COOP Ed | 6 | 6 | 100% | 99030020 | Appl Biological Sys - Ag | 151 | 160 | 94% |
| 15120010 | Information Technology Fundtl | 13 | 14 | 93% | 10030010 | Graphic Communications Fundtl | 238 | 242 | 98% | 99030030 | Appl Biolog Sys - Health | 321 | 334 | 96% |
| 15120020 | Computer Maintenance Option A | 2 | 2 | 100% | 10030020 | Graphic Arts I Option A | 79 | 79 | 100% | 99040010 | Business Mgmt Tech | 714 | 733 | 97% |
| 15130010 | Draft/Design Tech Core Curriculum | 4 | 5 | 80% | 10030030 | Graphics Design I Option B | 43 | 43 | 100% | 99050010 | Life Connections | 655 | 703 | 93% |
| 15130080 | Draft/Design Technology COOP Ed | 4 | 5 | 80% | 10030060 | Photo Imaging I Option C | 259 | 295 | 88% | EVIT – Fountain Hills | | | | |
| 43010010 | Fundtl Law Public Safety & Secu | 14 | 19 | 74% | 10030080 | Graphic Comm COOP Ed | 46 | 46 | 100% | 10020010 | Audio/Visual Tech Fundtl | 56 | 59 | 95% |
| 43010020 | Law Public Safety & Secu Adv App | 12 | 16 | 75% | 10030090 | Photo Imaging II Option C | 39 | 47 | 83% | 10020030 | Interactive Digital Media Option B | 4 | 4 | 100% |
| 43020010 | Fundtl of Fire Science | 7 | 7 | 100% | 12050010 | Culinary Arts Principles | 443 | 464 | 95% | 10030010 | Graphic Communications Fundtl | 21 | 22 | 95% |
| 43020020 | Fire Science Adv App | 7 | 7 | 100% | 12050020 | Culinary Arts Applications | 89 | 92 | 97% | 10030020 | Graphic Arts I Option A | 45 | 45 | 100% |
| 46040020 | Construction Tech I Option A | 21 | 28 | 75% | 12050080 | Culinary Arts COOP Ed | 41 | 42 | 98% | 10030060 | Photo Imaging I Option C | 24 | 25 | 96% |
| 47060020 | Automotive Technology I Option A | 16 | 16 | 100% | 13120010 | Early Childhood Education Fundtl | 217 | 225 | 96% | 12122010 | *** Unknown Course # *** | 22 | 25 | 88% |
| 48050010 | Welding Tech Core Curriculum | 3 | 3 | 100% | 13120020 | Early Childhood Education App | 70 | 70 | 100% | 12122030 | *** Unknown Course # *** | 11 | 11 | 100% |
| 48050030 | Welding Technology II Option A | 3 | 3 | 100% | 13120080 | Early Childhood Education COOP Ed | 34 | 34 | 100% | 15130010 | Draft/Design Tech Core Curriculum | 13 | 13 | 100% |
| 48070010 | Woodworking Fundamentals | 11 | 23 | 48% | 13150010 | Education Professions Fundtl | 51 | 51 | 100% | 15130020 | Architectural Drafting Option A | 10 | 10 | 100% |
| 51160010 | Fundtl of Nursing Svcs | 19 | 20 | 95% | 13150020 | Education Professions App | 4 | 4 | 100% | 52090010 | Hospitality Mgmt Principles | 119 | 121 | 98% |
| 51160020 | Nursing Services Adv App | 13 | 13 | 100% | 13150080 | Education Professions COOP Ed | 2 | 2 | 100% | 52090020 | Hospitality Mgmt App | 35 | 36 | 97% |
| 52020010 | Intro to Bus Mgmt/Admin Srv | 24 | 24 | 100% | 15030020 | Basic Electricity Prin and App | 7 | 7 | 100% | EVIT – Gilbert | | | | |
| 52020020 | Basic Bus Mgmt/Admin Srv | 19 | 23 | 83% | 15120010 | Information Technology Fundtl | 283 | 288 | 98% | 01030010 | Agriscience I | 1139 | 1155 | 99% |
| 52180010 | Mktg, Mgmt and Entrepr Fundtl | 17 | 18 | 94% | 15120020 | Computer Maintenance Option A | 191 | 191 | 100% | 01030030 | Agriscience Bus Mgmt | 182 | 182 | 100% |
| 52180080 | Mktg, Mgmt and Entrepr COOP Ed | 2 | 2 | 100% | 15120040 | Software Development Option C | 103 | 104 | 99% | 01030080 | Agriscience COOP | 9 | 9 | 100% |
| 99010010 | Information Tech | 159 | 173 | 92% | 15130010 | Draft/Design Tech Core Curriculum | 114 | 118 | 97% | 10020010 | Audio/Visual Tech Fundtl | 85 | 85 | 100% |
| 99020010 | Industrial Tech | 66 | 66 | 100% | 15130020 | Architectural Drafting Option A | 124 | 126 | 98% | 10020020 | Electronic Journalism Option A | 47 | 47 | 100% |
| 99030010 | *** Unknown Course # *** | 16 | 18 | 89% | 15130050 | Mechanical Drafting Option D | 11 | 11 | 100% | 10030040 | Photo Imaging I Option C | 152 | 173 | 88% |
| 99030020 | Appl Biological Sys - Ag | 9 | 9 | 100% | 15130080 | Draft/Design Technology COOP Ed | 2 | 2 | 100% | 12050010 | Culinary Arts Principles | 1335 | 1350 | 99% |
| 99030040 | Appl Biolog Sys - Food Sci | 16 | 17 | 94% | 47060010 | Auto Tech Core Curr | 297 | 309 | 96% | 12050020 | Culinary Arts Applications | 139 | 139 | 100% |
| 99040010 | Business Mgmt Tech | 161 | 200 | 81% | 47060020 | Automotive Technology I Option A | 104 | 105 | 99% | 12050070 | Culinary Arts DCE | 2 | 2 | 100% |
| 99050010 | Life Connections | 74 | 81 | 91% | 47060030 | Automotive/Collision Repair I Option B | 30 | 32 | 94% | Continued on Next Page | | | | |

SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|----------------------|------------------------------------|--------|----------|-----------------|--------------------|--|--------|----------|-----------------|---------------------------|------------------------------------|--------|----------|-----------------|
| | EVIT Gilbert cont. | | | | 10030030 | Graphics Design I Option B | 26 | 27 | 96% | 52180070 | Mktg, Mgmt and Entrepr DCE | 283 | 291 | 97% |
| 12050080 | Culinary Arts COOP Ed | 17 | 24 | 71% | 10030050 | Commercial Art II Option B | 131 | 132 | 99% | 52190010 | Design and Mdse Fundtls | 362 | 435 | 83% |
| 13120010 | Early Childhood Education Fundtl | 85 | 88 | 97% | 10030090 | Photo Imaging II Option C | 35 | 36 | 97% | 52190020 | Fashion Design & Mdse App Option A | 11 | 11 | 100% |
| 13120020 | Early Childhood Education App | 4 | 4 | 100% | | | | | | 99050010 | Life Connections | 210 | 224 | 94% |
| 13121010 | Early Childhood Education Fundtl | 356 | 361 | 99% | 12040010 | Fundamentals of Cosmetology | 279 | 280 | 100% | EVIT - Queen Creek | | | | |
| 13121020 | Early Childhood Education App | 146 | 148 | 99% | 12050010 | Culinary Arts Principles | 142 | 144 | 99% | 01060010 | Agrisci-Horticulture | 5 | 6 | 83% |
| 15030010 | Electronics Tech Core Curr | 7 | 9 | 78% | 13120010 | Early Childhood Education Fundtl | 40 | 40 | 100% | 01060020 | Agrisci II-Horticulture | 2 | 2 | 100% |
| 15030020 | Basic Electricity Prin and App | 9 | 9 | 100% | 13150010 | Education Professions Fundtl | 1 | 1 | 100% | 10020010 | Audio/Visual Tech Fundtls | 18 | 18 | 100% |
| 15060010 | Fundamentals of Industrial Mfg | 66 | 70 | 94% | 15030010 | Electronics Tech Core Curr | 21 | 21 | 100% | 10030040 | Photo Imaging I Option C | 12 | 12 | 100% |
| 15060040 | Prin of Engineering Tech Option C | 186 | 189 | 98% | 15120020 | Computer Maintenance Option A | 33 | 35 | 94% | 10030050 | Commercial Art II Option B | 3 | 3 | 100% |
| 15060070 | Industrial Mfg - DCE | 1 | 1 | 100% | 15120040 | Software Development Option C | 20 | 20 | 100% | 13150010 | Education Professions Fundtl | 22 | 22 | 100% |
| 15120010 | Information Technology Fundtls | 241 | 241 | 100% | 15120050 | Web Page Development Option D | 35 | 36 | 97% | 15130010 | Draft/Design Tech Core Curriculum | 10 | 10 | 100% |
| 15120080 | Information Tech COOP Ed | 9 | 10 | 90% | 43010010 | Fundtls of Law Public Safety & Secu | 82 | 82 | 100% | 48070010 | Woodworking Fundamentals | 58 | 58 | 100% |
| 15130010 | Draft/Design Tech Core Curriculum | 45 | 46 | 98% | 43020010 | Fundtl of Fire Science | 93 | 94 | 99% | 48070020 | Woodworking Adv App | 10 | 10 | 100% |
| 15130050 | Mechanical Drafting Option D | 4 | 4 | 100% | 46040010 | Construction Tech Core Curri | 84 | 85 | 99% | 51080050 | Funds Sports Med/ Rehab Opt D | 30 | 30 | 100% |
| 46020010 | Carpentry Tech Core Curriculum | 176 | 187 | 94% | 47060030 | Automotive/Collision Repair I Option B | 168 | 179 | 94% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 18 | 18 | 100% |
| 46020030 | Cabinetmaking I Option B | 38 | 38 | 100% | 47060040 | Automotive Collision Repair I Option B | 93 | 95 | 98% | 52180020 | Prof Sales and Mktg Option A | 16 | 14 | 100% |
| 47060010 | Auto Tech Core Curr | 289 | 291 | 99% | 48050030 | Welding Technology II Option A | 99 | 105 | 94% | 52190020 | Fashion Design & Mdse App Option A | 40 | 40 | 100% |
| 51080050 | Fundtl Sports Med/ Rehb Thp Opt D | 77 | 79 | 97% | 48050040 | Machining Technology I Option B | 24 | 24 | 100% | 99010010 | Information Tech | 101 | 106 | 95% |
| 51160010 | Fundtls of Nursing Svcs | 61 | 62 | 98% | 51080010 | Fundtl of Allied Health Srv | 23 | 23 | 100% | 99030020 | Appl Biological Sys - Ag | 47 | 48 | 98% |
| 52020010 | Intro to Bus Mgmt/Admin Srv | 3957 | 4065 | 97% | 51080050 | Fundtls Sports Med/ Reh Therps Opt D | 54 | 58 | 93% | 99030040 | Appl Biolog Sys - Food Sci | 64 | 82 | 78% |
| 52020020 | Basic Bus Mgmt/Admin Srv | 49 | 49 | 100% | 51160010 | Fundtls of Nursing Svcs | 249 | 258 | 97% | 99040010 | Business Mgmt Tech | 99 | 128 | 77% |
| 52020030 | Adv Bus Mgmt/Admin Srv | 12 | 12 | 100% | 52020010 | Intro to Bus Mgmt/Admin Srv | 17 | 17 | 100% | 99050010 | Life Connections | 75 | 81 | 93% |
| 52030010 | Introduction to Business and Acctn | 45 | 46 | 98% | 52190020 | Fashion Design & Mdse App Option A | 48 | 51 | 94% | EVIT - Scottsdale | | | | |
| 52030020 | Basic Accounting | 2 | 2 | 100% | 52190030 | Interior Design/Mdse Option B | 53 | 54 | 98% | 10020010 | Audio/Visual Tech Fundtls | 93 | 97 | 96% |
| 52180010 | Mktg, Mgmt and Entrepr Fundtls | 784 | 795 | 99% | EVIT - Mesa | | | | | 10020020 | Electronic Journalism Option A | 155 | 289 | 54% |
| 52180020 | Prof Sales and Mktg Option A | 214 | 216 | 99% | 01010000 | Envr Serv Systems Option G | 30 | 30 | 100% | 10030010 | Graphic Communications Fundtl | 50 | 50 | 100% |
| 52180070 | Mktg, Mgmt and Entrepr DCE | 20 | 22 | 91% | 01010010 | Agr Bus Mgmt - Intro Appl Bio Sys | 620 | 750 | 83% | 10030040 | Photo Imaging I Option C | 56 | 56 | 100% |
| 52180080 | Mktg, Mgmt and Entrepr COOP Ed | 8 | 9 | 89% | 01010030 | Plant Systems Option B | 565 | 611 | 92% | 10030050 | Commercial Art II Option B | 11 | 11 | 100% |
| 52190010 | Design and Mdse Fundtls | 167 | 170 | 98% | 01010040 | Animal Systems Option C | 243 | 264 | 92% | 12050010 | Culinary Arts Principles | 78 | 79 | 99% |
| 52190020 | Fashion Design & Mdse App Opt A | 200 | 207 | 97% | 01010070 | Agricultural Bus Mgmt- DCE | 21 | 22 | 95% | 12050020 | Culinary Arts Applications | 18 | 18 | 100% |
| 52190030 | Interior Design/Mdse Option B | 210 | 214 | 98% | 01010080 | Agr Bus Mgmt - Agrisci COOP Ed | 97 | 108 | 90% | 12050070 | Culinary Arts DCE | 1 | 1 | 100% |
| EVIT - Higley | | | | | 12050010 | Culinary Arts Principles | 1035 | 1178 | 88% | 13120010 | Early Childhood Education Fundtl | 122 | 122 | 100% |
| 10020010 | Audio/Visual Tech Fundtls | 16 | 16 | 100% | 12050020 | Culinary Arts Applications | 282 | 299 | 94% | 15120010 | Information Technology Fundtls | 152 | 163 | 93% |
| 10020020 | Electronic Journalism Option A | 22 | 22 | 100% | 12050070 | Culinary Arts DCE | 394 | 434 | 91% | 15120020 | Computer Maintenance Option A | 36 | 36 | 100% |
| 10030010 | Graphic Communications Fundtl | 121 | 122 | 99% | 13120010 | Early Childhood Education Fundtl | 396 | 458 | 86% | 15120040 | Software Development Option C | 15 | 15 | 100% |
| 10030030 | Graphics Design I Option B | 50 | 50 | 100% | 13120020 | Early Childhood Education App | 223 | 230 | 97% | 15120050 | Web Page Development Option D | 140 | 151 | 93% |
| 10030040 | Photo Imaging I Option C | 57 | 58 | 98% | 15120070 | Information Tech DCE | 241 | 249 | 97% | 15120070 | Information Tech DCE | 2 | 2 | 100% |
| 15120010 | Information Technology Fundtls | 140 | 144 | 97% | 15130040 | Electronics Drafting Option C | 238 | 272 | 88% | 15130010 | Draft/Design Tech Core Curriculum | 43 | 43 | 100% |
| 48070010 | Woodworking Fundamentals | 112 | 118 | 95% | 46020010 | Carpentry Tech Core Curriculum | 386 | 409 | 94% | 15130050 | Mechanical Drafting Option D | 57 | 57 | 100% |
| 48070020 | Woodworking Adv App | 9 | 10 | 90% | 46020030 | Cabinetmaking I Option B | 146 | 154 | 95% | 51160010 | Fundtls of Nursing Svcs | 72 | 73 | 99% |
| 52180010 | Mktg, Mgmt and Entrepr Fundtls | 102 | 109 | 94% | 46020040 | *** Unknown Course # *** | 3 | 3 | 100% | 51160020 | Nursing Services Adv App | 72 | 73 | 99% |
| 52180050 | Entrepreneurship Option D | 16 | 16 | 100% | 46040010 | Construction Tech Core Curri | 35 | 43 | 81% | 51160070 | Nursing Services DCE | 1 | 1 | 100% |
| EVIT - Main | | | | | 46040020 | Construction Tech I Option A | 42 | 50 | 84% | 52090010 | Hospitality Mgmt Principles | 12 | 12 | 100% |
| 01060010 | Agrisci-Horticulture | 5 | 9 | 56% | 47060070 | Automotive Technology DCE | 136 | 140 | 97% | 52090020 | Hospitality Mgmt App | 13 | 14 | 93% |
| 10020020 | Electronic Journalism Option A | 49 | 49 | 100% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 715 | 756 | 95% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 124 | 125 | 99% |
| 10020030 | Interactive Digital Media Option B | 27 | 31 | 87% | 52180020 | Prof Sales and Mktg Option A | 232 | 252 | 92% | Continued on Next Page | | | | |

SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|---------------------|-----------------------------------|--------|----------|-----------------|---------------------|--|--------|----------|-----------------|---------------|---|--------|----------|-----------------|
| EVIT - Tempo | | | | | EVIT - Tempo | | | | | NATIVE | | | | |
| 52180020 | Prof Sales and Mktg Option A | 107 | 107 | 100% | 10030040 | Photo Imaging I Option C | 21 | 23 | 91% | 01010010 | Agr Bus Mgmt - Intro Appl Bio Sys | 248 | 262 | 95% |
| 52180040 | Entertainment Marketing Option C | 27 | 27 | 100% | 10030050 | Commercial Art II Option B | 7 | 7 | 100% | 01010030 | Plant Systems Option B | 6 | 6 | 100% |
| 52180070 | Mktg, Mgmt and Entrepr DCE | 11 | 11 | 100% | 12040010 | Fundamentals of Cosmetology | 13 | 13 | 100% | 01010040 | Animal Systems Option C | 31 | 32 | 97% |
| 99010010 | Information Tech | 1158 | 1228 | 94% | 12040020 | Cosmetology Advanced App | 91 | 91 | 100% | 10020010 | Audio/Visual Tech Fundtls | 57 | 59 | 97% |
| 99020010 | Industrial Tech | 89 | 93 | 96% | 12050010 | Culinary Arts Principles | 45 | 49 | 92% | 10020020 | Electronic Journalism Option A | 13 | 18 | 72% |
| 99030030 | Appl Biolog Sys - Health | 16 | 17 | 94% | 12050020 | Culinary Arts Applications | 33 | 36 | 92% | 10030000 | Graphic Arts I Option A | 166 | 180 | 92% |
| 99040010 | Business Mgmt Tech | 319 | 330 | 97% | 13120010 | Early Childhood Education Fundtl | 55 | 59 | 93% | 10030020 | Graphics Design I Option B | 17 | 18 | 94% |
| 99050010 | Life Connections | 367 | 378 | 97% | 13120020 | Early Childhood Education App | 23 | 25 | 92% | 10030030 | Photo Imaging I Option C | 54 | 55 | 98% |
| | | | | | 13150010 | Education Professions Fundtl | 0 | 1 | 0% | 12040010 | Fundamentals of Cosmetology | 22 | 23 | 96% |
| | | | | | 15030010 | Electronics Tech Core Curr | 14 | 15 | 93% | 12040020 | Cosmetology Advanced App | 1 | 1 | 100% |
| 12050010 | Culinary Arts Principles | 753 | 773 | 97% | 15120010 | Information Technology Fundtls | 18 | 19 | 95% | 12050010 | Culinary Arts Principles | 103 | 110 | 94% |
| 12050020 | Culinary Arts Applications | 732 | 751 | 97% | 15120040 | Software Development Option C | 2 | 2 | 100% | 12050020 | Culinary Arts Applications | 56 | 58 | 97% |
| 12050070 | Culinary Arts DCE | 203 | 210 | 97% | 15130010 | Draft/Design Tech Core Curriculum | 10 | 10 | 100% | 13121010 | Early Childhood Education Fundtl | 103 | 105 | 98% |
| 13120010 | Early Childhood Education Fundtl | 306 | 319 | 96% | 15130020 | Architectural Drafting Option A | 13 | 13 | 100% | 13121020 | Early Childhood Education App | 26 | 26 | 100% |
| 13120020 | Early Childhood Education App | 453 | 465 | 97% | 15130030 | Civil Drafting Option B | 1 | 1 | 100% | 15120010 | Education Professions Fundtl | 24 | 24 | 100% |
| 15120010 | Information Technology Fundtls | 163 | 178 | 92% | 15130040 | Electronics Drafting Option C | 1 | 1 | 100% | 15030010 | Electronics Tech Core Curr | 27 | 27 | 100% |
| 15120020 | Computer Maintenance Option A | 103 | 108 | 95% | 43010020 | Law Public Safety & Secu Adv App | 3 | 3 | 100% | 15120010 | Information Technology Fundtls | 220 | 267 | 82% |
| 15120030 | Network Technology Option B | 98 | 99 | 99% | 43020010 | Fundtl of Fire Science | 15 | 15 | 100% | 15120020 | Computer Maintenance Option A | 45 | 57 | 79% |
| 15120050 | Web Page Development Option D | 242 | 255 | 95% | 43020020 | Fire Science Adv App | 55 | 56 | 98% | 15120030 | Network Technology Option B | 42 | 45 | 93% |
| 15130010 | Draft/Design Tech Core Curriculum | 69 | 80 | 86% | 47060010 | Auto Tech Core Curr | 49 | 53 | 92% | 15120050 | Web Page Development Option D | 89 | 89 | 100% |
| 15130020 | Architectural Drafting Option A | 12 | 13 | 92% | 47060020 | Automotive Technology I Option A | 22 | 22 | 100% | 15130010 | Draft/Design Tech Core Curriculum | 56 | 69 | 81% |
| 46040010 | Construction Tech Core Curri | 242 | 259 | 93% | 47060030 | Automotive/Collision Repair I Option B | 3 | 3 | 100% | 15130020 | Architectural Drafting Option A | 70 | 75 | 93% |
| 46040020 | Construction Tech I Option A | 38 | 39 | 97% | 48050010 | Welding Tech Core Curriculum | 35 | 43 | 81% | 15130050 | Mechanical Drafting Option D | 4 | 5 | 80% |
| 46040030 | Industrial Maintenance I Option B | 92 | 94 | 98% | 48050020 | Welding Technology I | 16 | 19 | 84% | 15160010 | *** Unknown Course # *** | 14 | 14 | 100% |
| 47060010 | Auto Tech Core Curr | 371 | 382 | 97% | 48070010 | Woodworking Fundamentals | 35 | 40 | 88% | 43010010 | Fundtls of Law Public Safety & Secu | 42 | 45 | 93% |
| 47060020 | Automotive Technology I Option A | 66 | 69 | 96% | 48070020 | Woodworking Adv App | 9 | 9 | 100% | 46040010 | Construction Tech Core Curri | 115 | 121 | 95% |
| 47060070 | Automotive Technology DCE | 75 | 79 | 95% | 51080020 | Fundtl of Pharm Support Srv Option A | 72 | 72 | 100% | 46040020 | Construction Tech I Option A | 116 | 120 | 97% |
| 52030010 | Introduction to Business and Acct | 35 | 39 | 90% | 51080030 | Fundtl of Lab Assisting Option B | 61 | 61 | 100% | 47060010 | Auto Tech Core Curr | 73 | 75 | 97% |
| 52030020 | Basic Accounting | 251 | 261 | 96% | 51080050 | Fundtls Sports Med/ Rehab Opt D | 43 | 43 | 100% | 47060020 | Automotive Technology I Option A | 93 | 101 | 92% |
| 52030070 | Acct Divr Cooperative Ed(DCE) | 108 | 110 | 98% | 51160010 | Fundtls of Nursing Svcs | 97 | 103 | 94% | 47060030 | Automotive/Collision Repair I Option B | 19 | 19 | 100% |
| 52180010 | Mktg, Mgmt and Entrepr Fundtls | 247 | 256 | 96% | 51160020 | Nursing Services Adv App | 89 | 94 | 95% | 48050010 | Welding Tech Core Curriculum | 220 | 224 | 98% |
| 52180030 | E-Commerce Option B | 145 | 156 | 93% | 52020010 | Intro to Bus Mgmt/Admin Srv | 85 | 110 | 77% | 48050020 | Welding Technology I | 81 | 86 | 94% |
| 52180050 | Entrepreneurship Option D | 1072 | 1094 | 98% | 52020020 | Basic Bus Mgmt/Admin Srv | 10 | 11 | 91% | 48050030 | Welding Technology II Option A | 119 | 120 | 99% |
| 52180070 | Mktg, Mgmt and Entrepr DCE | 278 | 281 | 99% | 52020030 | Adv Bus Mgmt/Admin Srv | 7 | 7 | 100% | 48070010 | Woodworking Fundamentals | 67 | 69 | 97% |
| 52190010 | Design and Mdse Fundtls | 339 | 352 | 96% | 52020070 | Bus Mgmt/Admin Srv DCE | 1 | 1 | 100% | 48070020 | Woodworking Adv App | 29 | 30 | 97% |
| 52190020 | Fashion Design & Mdse App Opt A | 172 | 184 | 93% | 52030010 | Introduction to Business and Acct | 13 | 14 | 93% | 48070050 | *** Unknown Course # *** | 53 | 78 | 68% |
| 52190030 | Interior Design/Mdse Option B | 101 | 104 | 97% | 52030020 | Basic Accounting | 2 | 2 | 100% | 48070060 | *** Unknown Course # *** | 16 | 17 | 94% |
| 99020010 | Industrial Tech | 221 | 250 | 88% | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 30 | 31 | 97% | 51160010 | Fundtls of Nursing Svcs | 60 | 62 | 97% |
| 99040010 | Business Mgmt Tech | 2632 | 2834 | 93% | 52180020 | Prof Sales and Mktg Option A | 15 | 15 | 100% | 51160020 | Nursing Services Adv App | 33 | 33 | 100% |
| 99050010 | Life Connections | 28 | 33 | 85% | 99010010 | Information Tech | 7 | 9 | 78% | 52020010 | Intro to Bus Mgmt/Admin Srv | 199 | 211 | 94% |
| | | | | | 99020010 | Industrial Tech | 21 | 27 | 78% | 52020020 | Basic Bus Mgmt/Admin Srv | 47 | 49 | 96% |
| | | | | | 99030010 | *** Unknown Course # *** | 3 | 3 | 100% | 52020030 | Adv Bus Mgmt/Admin Srv | 113 | 113 | 100% |
| | | | | | 99030020 | Appl Biological Sys - Ag | 18 | 21 | 86% | 52030010 | Introduction to Business and Accounting | 26 | 35 | 74% |
| | | | | | 99030040 | Appl Biolog Sys - Food Sci | 12 | 14 | 86% | 52030020 | Basic Accounting | 25 | 28 | 89% |
| | | | | | 99040010 | Business Mgmt Tech | 190 | 225 | 84% | 52080030 | Adv Financial Srv | 5 | 5 | 100% |
| | | | | | 99050010 | Life Connections | 44 | 48 | 92% | 52090010 | Hospitality Mgmt Principles | 42 | 42 | 100% |
| | | | | | | | | | | 52090020 | Hospitality Mgmt App | 2 | 2 | 100% |
| | | | | | | | | | | 52180010 | Mktg, Mgmt and Entrepr Fundtls | 48 | 50 | 96% |

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SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|----------|--|--------|----------|-----------------|----------|--------------------------------------|--------|----------|-----------------|----------|---|--------|----------|-----------------|
| | NATIVE cont. | | | | WESTMEC | | | | | 15130030 | Civil Drafting Option B | 115 | 131 | 88% |
| 52180020 | Prof Sales and Mktg Option A | 24 | 26 | 92% | 01010010 | Agr Bus Mgmt - Intro Appl Bio Sys | 42 | 43 | 98% | 15130040 | Electronics Drafting Option C | 53 | 56 | 95% |
| 52180050 | Entrepreneurship Option D | 11 | 11 | 100% | 01010030 | Plant Systems Option B | 46 | 48 | 96% | 15130050 | Mechanical Drafting Option D | 97 | 108 | 90% |
| VACATE | | | | | 01010040 | Animal Systems Option C | 44 | 46 | 96% | 15130080 | Draft/Design Technology COOP Ed | 1 | 2 | 50% |
| 01010010 | Agr Bus Mgmt - Intro Appl Bio Sys | 254 | 290 | 88% | 01030010 | Agriscience I | 158 | 169 | 93% | 43010010 | Fundtls of Law Public Safety & Secu | 111 | 114 | 97% |
| 10020010 | Audio/Visual Tech Fundtls | 46 | 59 | 78% | 01030020 | Agriscience II | 45 | 46 | 98% | 43010020 | Law Public Safety & Secu Adv App | 11 | 11 | 100% |
| 10020020 | Electronic Journalism Option A | 5 | 5 | 100% | 01030030 | Agriscience Bus Mgmt | 12 | 12 | 100% | 43020010 | Fundtl of Fire Science | 128 | 153 | 84% |
| 10020030 | Interactive Digital Media Option B | 136 | 150 | 91% | 01030060 | Agricultural Mechanics - Agriscience | 91 | 94 | 97% | 43020020 | Fire Science Adv App | 51 | 58 | 88% |
| 10030010 | Graphic Communications Fundtl | 73 | 78 | 94% | 01060010 | Agrisci-Horticulture | 174 | 188 | 93% | 46040020 | Construction Tech I Option A | 464 | 516 | 90% |
| 10030020 | Graphic Arts I Option A | 26 | 28 | 93% | 01060020 | Agrisci II-Horticulture | 100 | 104 | 96% | 46040030 | Industrial Maintenance I Option B | 87 | 98 | 89% |
| 10030030 | Graphics Design I Option B | 88 | 101 | 87% | 01060030 | Horticulture Bus Mgmt | 78 | 82 | 95% | 46040040 | Industrial Maintenance I Option B | 15 | 15 | 100% |
| 10030040 | Photo Imaging I Option C | 206 | 234 | 88% | 01060060 | Horticulture Mechanics | 16 | 16 | 100% | 46040080 | Construction Tech COOP Ed | 2 | 3 | 67% |
| 10030050 | Commercial Art II Option B | 22 | 27 | 81% | 10020010 | Audio/Visual Tech Fundtls | 690 | 748 | 92% | 47060010 | Auto Tech Core Curr | 155 | 173 | 90% |
| 10030060 | Photo Imaging I Option C | 58 | 65 | 89% | 10020020 | Electronic Journalism Option A | 297 | 325 | 91% | 47060020 | Automotive Technology I Option A | 627 | 712 | 88% |
| 10030090 | Photo Imaging II Option C | 26 | 27 | 96% | 10020030 | Interactive Digital Media Option B | 148 | 159 | 93% | 47060030 | Automotive/Collision Repair I Option B | 281 | 321 | 88% |
| 12050010 | Culinary Arts Principles | 47 | 58 | 81% | 10020080 | Audio/Visual Tech-COOP Ed | 3 | 4 | 75% | 47060040 | Automotive Collision Repair I Option B | 109 | 115 | 95% |
| 13120010 | Early Childhood Education Fundtl | 40 | 50 | 80% | 10030010 | Graphic Communications Fundtl | 347 | 360 | 96% | 47060050 | Automotive Collision Repair II Option B | 61 | 70 | 87% |
| 13120020 | Early Childhood Education App | 38 | 41 | 93% | 10030020 | Graphic Arts I Option A | 366 | 388 | 94% | 47060080 | Automotive Technology COOP Ed | 46 | 49 | 94% |
| 15120050 | Web Page Development Option D | 44 | 47 | 94% | 10030030 | Graphics Design I Option B | 190 | 199 | 95% | 48050010 | Welding Tech Core Curriculum | 148 | 166 | 89% |
| 15130010 | Draft/Design Tech Core Curriculum | 16 | 18 | 89% | 10030040 | Photo Imaging I Option C | 251 | 263 | 95% | 48050020 | Welding Technology I | 214 | 245 | 87% |
| 15130020 | Architectural Drafting Option A | 6 | 6 | 100% | 10030050 | Commercial Art II Option B | 57 | 58 | 98% | 48050030 | Welding Technology II Option A | 194 | 216 | 90% |
| 43010010 | Fundtls of Law Public Safety & Sec | 80 | 102 | 78% | 10030060 | Photo Imaging I Option C | 497 | 524 | 95% | 48050040 | Machining Technology I Option B | 5 | 5 | 100% |
| 43010020 | Law Public Safety & Secu Adv App | 34 | 48 | 71% | 10030090 | Photo Imaging II Option C | 410 | 423 | 97% | 48050050 | Machining Technology II Option B | 4 | 4 | 100% |
| 46040010 | Construction Tech Core Curri | 30 | 39 | 77% | 12040010 | Fundamentals of Cosmetology | 45 | 50 | 90% | 48070010 | Woodworking Fundamentals | 970 | 1119 | 87% |
| 46040030 | Industrial Maintenance I Option B | 13 | 14 | 93% | 12040020 | Cosmetology Advanced App | 4 | 4 | 100% | 48070020 | Woodworking Adv App | 545 | 619 | 88% |
| 47050040 | *** Unknown Course # *** | 11 | 12 | 92% | 12050010 | Culinary Arts Principles | 2605 | 2973 | 88% | 51080010 | Fundtl of Allied Health Srv | 85 | 89 | 96% |
| 47060010 | Auto Tech Core Curr | 48 | 56 | 86% | 12050020 | Culinary Arts Applications | 1540 | 1773 | 87% | 51080030 | Fundtl of Lab Assisting Option B | 96 | 106 | 91% |
| 47060020 | Automotive Technology I Option A | 96 | 117 | 82% | 12050080 | Culinary Arts COOP Ed | 19 | 21 | 90% | 51080040 | Fundtls of Med Imag Supp Srv Opt C | 16 | 18 | 89% |
| 47060030 | Automotive/Collision Repair I Option B | 28 | 28 | 100% | 13120010 | Early Childhood Education Fundtl | 1450 | 1597 | 91% | 51080050 | Fundtls Sports Med/ Rehab Option D | 454 | 478 | 95% |
| 48050010 | Welding Tech Core Curriculum | 93 | 105 | 89% | 13120020 | Early Childhood Education App | 132 | 135 | 98% | 51090010 | *** Unknown Course # *** | 39 | 39 | 100% |
| 48070020 | Woodworking Adv App | 72 | 104 | 69% | 13120080 | Early Childhood Education COOP Ed | 312 | 364 | 86% | 51090020 | Fundtls of Respiratory Ther Opt A | 32 | 39 | 82% |
| 51080010 | Fundtl of Allied Health Srv | 47 | 48 | 98% | 13150010 | Education Professions Fundtl | 464 | 516 | 90% | 51090030 | Fundtls of Emer Med Para Option B | 25 | 30 | 83% |
| 51080050 | Fundtls Sports Med/ Rehab Opt D | 10 | 10 | 100% | 13150020 | Education Professions App | 48 | 52 | 92% | 51130010 | *** Unknown Course # *** | 49 | 52 | 94% |
| 51160020 | Nursing Services Adv App | 9 | 10 | 90% | 13150080 | Education Professions COOP Ed | 57 | 58 | 98% | 51160010 | Fundtls of Nursing Svcs | 387 | 452 | 86% |
| 52020010 | Intro to Bus Mgmt/Admin Srv | 58 | 68 | 85% | 15000000 | *** Unknown Course # *** | 90 | 117 | 77% | 51160020 | Nursing Services Adv App | 166 | 184 | 90% |
| 52020020 | Basic Bus Mgmt/Admin Srv | 204 | 236 | 86% | 15030010 | Electronics Tech Core Curr | 245 | 257 | 95% | 51160080 | Nursing Services COOP Ed | 3 | 11 | 27% |
| 52020030 | Adv Bus Mgmt/Admin Srv | 129 | 139 | 93% | 15030030 | Basic Electronics Prin and App | 2 | 2 | 100% | 52020010 | Intro to Bus Mgmt/Admin Srv | 1001 | 1063 | 94% |
| 52020070 | Bus Mgmt/Admin Srv DCE | 12 | 14 | 86% | 15060010 | Fundamentals of Industrial Mfg | 49 | 50 | 98% | 52020020 | Basic Bus Mgmt/Admin Srv | 11 | 14 | 79% |
| 52020080 | Bus Mgmt/Admin Srv COOP Ed | 20 | 26 | 77% | 15060020 | Metals Manufacturing Option A | 24 | 27 | 89% | 52020030 | Adv Bus Mgmt/Admin Srv | 21 | 21 | 100% |
| 52030010 | Introduction to Business and Accounti | 20 | 23 | 87% | 15120010 | Information Technology Fundtls | 220 | 255 | 86% | 52020080 | Bus Mgmt/Admin Srv COOP Ed | 341 | 369 | 92% |
| 52030020 | Basic Accounting | 5 | 5 | 100% | 15120020 | Computer Maintenance Option A | 114 | 119 | 96% | 52030010 | Introduction to Business and Acct | 322 | 362 | 89% |
| 99010010 | Information Tech | 354 | 440 | 80% | 15120030 | Network Technology Option B | 165 | 173 | 95% | 52030020 | Basic Accounting | 147 | 153 | 96% |
| 99030030 | Appl Biolog Sys - Health | 23 | 26 | 88% | 15120040 | Software Development Option C | 145 | 155 | 94% | 52080010 | Intro to Bus/Financial Srv | 98 | 104 | 94% |
| 99050010 | Life Connections | 77 | 97 | 79% | 15120050 | Web Page Development Option D | 466 | 515 | 90% | 52080020 | Basic Financial Srv | 11 | 11 | 100% |
| | | | | | 15120080 | Information Tech COOP Ed | 3 | 5 | 60% | 52080080 | Financial Svcs COOP Ed | 2 | 3 | 67% |
| | | | | | 15130010 | Draft/Design Tech Core Curriculum | 792 | 893 | 89% | 52090010 | Hospitality Mgmt Principles | 34 | 36 | 94% |
| | | | | | 15130020 | Architectural Drafting Option A | 476 | 518 | 92% | | Continued on Next Page | | | |

SY 2007 Course Completion Data

| Course | Course Name | Passed | Enrolled | Passing Percent | Course | Course Name | Passed | Enrolled | Passing Percent |
|---|------------------------------------|--------|----------|-----------------|----------|---------------------------------------|--------|----------|-----------------|
| WESTMEC cont. | | | | | 12050020 | Culinary Arts Applications | 40 | 52 | 77% |
| 52090020 | Hospitality Mgmt App | 21 | 22 | 95% | 12050070 | Culinary Arts DCE | 1 | 1 | 100% |
| 52090080 | Hospitality Mgmt COOP Ed | 1 | 1 | 100% | 13120010 | Early Childhood Education Fundtl | 151 | 220 | 69% |
| 52180010 | Mktg, Mgmt and Entrepr Fundtls | 1429 | 1593 | 90% | 13120020 | Early Childhood Education App | 82 | 83 | 99% |
| 52180020 | Prof Sales and Mktg Option A | 650 | 708 | 92% | 13120070 | Early Childhood Education DCE | 8 | 9 | 89% |
| 52180030 | E-Commerce Option B | 12 | 12 | 100% | 15120010 | Fundtls of Information Technology | 106 | 150 | 71% |
| 52180040 | Entertainment Marketing Option C | 11 | 11 | 100% | 15120020 | Computer Maintenance Option A | 19 | 23 | 83% |
| 52180050 | Entrepreneurship Option D | 52 | 64 | 81% | 15120030 | Network Technology Option B | 35 | 58 | 60% |
| 52180080 | Mktg, Mgmt and Entrepr COOP Ed | 87 | 100 | 87% | 15120050 | Web Page Development Option D | 31 | 38 | 82% |
| 52190010 | Design and Mdse Fundtls | 122 | 136 | 90% | 15130010 | Draft/Design Tech Core Curriculum | 173 | 210 | 82% |
| 52190020 | Fashion Desn & Mdse App Option A | 83 | 92 | 90% | 15130020 | Architectural Drafting Option A | 84 | 87 | 97% |
| 52190030 | Interior Design/Mdse Option B | 28 | 31 | 90% | 46040010 | Construction Tech Core Curri | 94 | 103 | 91% |
| 52190080 | Design and Mdse COOP Ed | 139 | 141 | 99% | 46040020 | Construction Tech I Option A | 2 | 2 | 100% |
| 99000010 | *** Unknown Course # *** | 50 | 56 | 89% | 46040030 | Construction Tech I Option A | 51 | 55 | 93% |
| 99010010 | Information Tech | 1790 | 1990 | 90% | 46040020 | Construction Tech II Option A | 11 | 19 | 58% |
| 99020010 | Industrial Tech | 1315 | 1526 | 86% | 47060010 | Auto Tech Core Curr | 145 | 189 | 77% |
| 99030020 | Appl Biological Sys - Ag | 320 | 342 | 94% | 47060020 | Automotive Technology I Option A | 130 | 133 | 98% |
| 99030030 | Appl Biolog Sys - Health | 1169 | 1281 | 91% | 48050010 | Welding Tech Core Curriculum | 184 | 233 | 79% |
| 99040010 | Business Mgmt Tech | 3637 | 4116 | 88% | 48050020 | Welding Technology I Option A | 6 | 6 | 100% |
| 99050010 | Life Connections | 2873 | 3116 | 92% | 48050040 | Machining Technology I Option B | 28 | 40 | 70% |
| NAVIT Central only, many in cooperation with the Northland Pioneer Community College District. | | | | | 4805005 | Machining Technology II Option B | 9 | 12 | 75% |
| 10030090 | Photo Imaging II Option C | 5 | 6 | 83% | 48070010 | Woodworking Fundamentals | 242 | 272 | 89% |
| 12040010 | Fundamentals of Cosmetology | 89 | 96 | 92% | 48070020 | Woodworking Adv App | 38 | 51 | 75% |
| 12040020 | Cosmetology Advanced App | 48 | 50 | 96% | 51080010 | Fundtl of Allied Health Srv | 37 | 45 | 82% |
| 13150020 | Education Professions App | 23 | 28 | 82% | 51080050 | Sports Med and Rehab Therapies Option | 1 | 1 | 100% |
| 43020010 | Fundtl of Fire Science | 61 | 68 | 89% | 51160010 | Fundtls of Nursing Svcs | 129 | 229 | 56% |
| 43020020 | Fire Science Adv App | 24 | 25 | 96% | 52020010 | Bus Mgmt/Admin Srv Fundtl | 381 | 424 | 90% |
| 46030030 | Industrial Maintenance I | 41 | 44 | 93% | 52020020 | Business Office Operations | 170 | 222 | 77% |
| 47060020 | Automotive Technology I Option A | 75 | 81 | 92% | 52020030 | Admini Infor Mgmt | 38 | 39 | 97% |
| 48050020 | Welding Technology I Option A | 130 | 138 | 94% | 52030010 | Accounting and Related Srv Tech | 76 | 95 | 80% |
| 49020010 | Heavy Equip Op Fund | 24 | 26 | 92% | 52030020 | Acctg Systems and Related Srv | 14 | 14 | 100% |
| 49020020 | Const Eqmt Op Adv App | 14 | 15 | 93% | 52180010 | Fundtls of Mktg, Mgmt and Entrepr | 9 | 12 | 75% |
| 51080060 | Health Related Occupations I | 179 | 195 | 91% | 52180010 | Fundtls of Mktg, Mgmt and Entrepr | 22 | 22 | 100% |
| 51160010 | Fundtls of Nursing Svcs | 56 | 61 | 91% | 52180020 | Prof Sales and Mktg Option A | 14 | 17 | 82% |
| NAVIT Satellites | | | | | 52180050 | Entrepreneurship Option D | 7 | 7 | 100% |
| 10020010 | Fundtls of Radio/Television Tech | 205 | 207 | 99% | 52180050 | Entrepreneurship Option D | 21 | 21 | 100% |
| 10020020 | Electronic Journalism Option A | 26 | 27 | 96% | 52180070 | Mktg, Mgmt and Entrepr DCE | 41 | 49 | 84% |
| 10020030 | Interactive Digital Media Option B | 32 | 39 | 82% | 52190010 | Design and Mdse Core Curricu | 75 | 79 | 95% |
| 10030010 | Fundtl of Graphic Communications | 210 | 217 | 97% | 52190020 | Fashion Design & Mdse App Option A | 19 | 20 | 95% |
| 10030030 | Graphic Arts II Option A | 65 | 86 | 76% | 52190020 | Fashion Design & Mdse App Option A | 16 | 18 | 89% |
| 10030040 | Commercial Art I Option B | 37 | 38 | 97% | 99010010 | Information Tech | 11 | 11 | 100% |
| 10030050 | Commercial Art II Option B | 16 | 16 | 100% | 99020010 | Industrial Tech | 127 | 145 | 88% |
| 10030060 | Photo Imaging I Option C | 76 | 87 | 87% | 99030030 | Appl Biolog Sys - Health | 229 | 275 | 83% |
| 10030090 | Photo Imaging II Option C | 26 | 30 | 87% | 99040010 | Business Mgmt Tech | 801 | 930 | 86% |
| 12050010 | Culinary Arts Fundamentals | 154 | 187 | 82% | 99050010 | Life Connections | 313 | 393 | 80% |

Note: NAVIT Satellites utilized 10th-day in-session counts for their individual course denominator number. In the event one or more students transferred into the course after that date, and was issued a transcribed credit for the course, that student would have been included in the numerator count as a course completer. It was therefore possible for the Course Completion Rate to exceed 100 percent. In this event, The Course Completion Rate was reported as 100 percent. The completion data set is included on the CD.

| | |
|---|----------------------|
| Total Students Enrolled in All JTEDs | 111,508 |
| Average Passing % | 91.9% |
| 100% Completion Rates | 28.3% |
| Range | 84.8% - 95.2% |

Analysis

- Total students reported enrolled* in JTED courses — 111,508.
- Range of course completion among JTEDs — 84.8 percent to 95.2 percent.
- Average course completion rate (passing grade) for all JTEDs — 91.9 percent.
- Completion rates of 100 percent — 28.2 percent of all courses.

Enrollment in courses at each JTED ranged from one student (usually enrolled in an internship course) to as many as 4,116 students. Of the 761 courses reported, 215 of them had 100 percent of their students pass with transcribed credit. A course completion rate of 100 percent is probably due to low enrollment, though a few courses of 100 or more students did have 100 percent completion rates. It appears that the overall success rate for course completion is positive. This analysis does not include students who may have dropped a course prior to receiving a failing grade for the course.

Recommendations

- Utilize *program* completion rather than *course* completion as a numerator. Completion analyzing then would be more informative, helpful and indicative of total program success. Course completion details the number of students who complete a course, but with an average course completion rate of 91.9, the question remains about whether students are continuing in the same program or just sampling CTE courses? A total of 28.2 percent of courses had a 100 percent completion rate, but it is not possible to analyze, using *course* completion, what percentage of those students completed the *program*.

If program completion is utilized in the future, we would anticipate using one or more of the following gauges to determine the program completion rate:

- a state-developed exam tied to industry standards using Arizona Skill Standards Assessment System;
- a state credentialing or licensing exam; and/or
- a national industry-developed exam for occupational specialty.

* Includes duplicated count (a student is enrolled in more than one JTED course).

QUESTION 5: The Graduation Rate of Students Enrolled in the Joint District.

ARS § 15-393.M 4 “The graduation rate of students enrolled in the joint district.”

Methodology

The source for data in calculating the JTED Graduation Rate is the CTE Online Database. The CTE Online Database provides us with an unduplicated number of students who have two or more Carnegie units/credits in a program and have left school. Schools are instructed to report students who left school for the following reasons:

| Leave Reason | Leave Code |
|--------------|------------|
| Expelled | W3 |
| Absence | W4 |
| Drop Out | W5 |
| Graduated | W7 |

Any student that left school for one of these reasons was included in the denominator. The numerator included only “graduated.” If a student was still enrolled with a code of E1, this student could be reported in the CTE Online Database and was not considered as “left school” and did not count in any of the calculations.

CAVIAT has one member with more graduates than leavers. Some JTEDs reported data from more schools than expected. EVIT is the prime example. NATIVE did this too, and they even reported two students from CAVIAT. There was no data available from the PIMA JTED for 2007. The Pima JTED was new and had no graduation data.

Numerator: Number of graduates
Denominator: Number of students who left school

Each student (represented by a SAIS ID) with either a leave code = "W7" or a Year End Code = "G" is counted as having graduated.

Each student with a leave code in W3, W4, W5, or W7 is counted as having left school.

2007 JTED Graduation Data

| JTED | Numerator | Denominator | Graduation Rate |
|---------|-----------|-------------|-------------------|
| CAVIAT | 558 | 750 | 74.40% |
| CAVIT | 574 | 764 | 75.13% |
| CTD | 432 | 508 | 85.04% |
| CVIT | 120 | 154 | 77.92% |
| EVIT | 5774 | 6800 | 84.91% |
| GIFT | 193 | 226-295 | 65.43% - 83.19% * |
| NATIVE | 1073 | 1367 | 78.49% |
| NAVIT | 1010 | 1418 | 71.23% |
| VACTE | 290 | 364 | 79.67% |
| WestMEC | 4347 | 4983 | 87.24% |

* SAIS leaver codes inconsistencies. Range reported to avoid report release delays. Analysis/resolution is on-going.

2007 JTED Graduation Data Issues

As stated in the methodology, some JTEDs had no data to report or the data reported was not accurate. Until 2007, information regarding SAIS reported leave codes did not include all of the appropriate leave codes per SAIS. Instruction now includes all leave codes included in the state’s calculation of graduation rates/dropout rates. Year end codes are now included. In the prior years, districts reporting CTE data were not instructed to use them.

Analysis

CTE graduation rates by JTED ranged from 65.43 percent to 87.24 percent, with an average of 82 percent. In the Arizona Consolidated Annual Report to The Office of Vocational and Adult Education (OVAE), the expected level of performance for the state was a 71 percent graduation rate and the level of performance attained statewide was 97.79 percent. The graduation rate at the JTEDs was lower than the overall state CTE graduation rate.

Recommendations

The graduation rate for SY 2006-07 only considered current year graduates in the numerator, so a comparison of graduation rates to the general population graduation rate was not accurate. In school years beginning with SY 2007-08, graduation rates will be calculated and should align with and be comparable to graduation rates reported on the School Report Cards (No Child Left Behind--NCLB requirements). CTE has expanded the definition to include:

| <u>Description</u> | <u>Codes</u> |
|---------------------------|---------------------|
| Expelled | W3 |
| Absence | W4 |
| Dropout | W5, W12, W13, C, A |
| Graduated | W7, G |
| GED | W11 |

All codes will be used in the denominator and only graduated codes will be used in the numerator. The cohort year will be considered. Students leaving school due to early graduation in a year other than the cohort year being calculated and students who are 5th year graduates will be included in the calculation. This will allow us to compare CTE graduation rates to the graduation rates reported in each school report card.

It is recommended that the JTED graduation rate be calculated using the same parameters used to calculate the graduation rate for all CTE students (in alignment with NCLB and the annual School Report Cards).

QUESTION 6: JTED Career Opportunities

ARS § 15-393.M 6 “A detailed description of the career opportunities available to students after completion of the program offered by the joint district.”

Methodology

The ADE CTE Section identifies programs with the greatest career potential and opportunities, on a statewide basis, for Arizona’s high school and community college students. These programs are linked to classroom offerings via the FY 2008 Arizona CTE Program List (see appendix B). The list reflects those programs that offer the greatest opportunities for Arizona students (in descending order).

The list takes four primary factors into consideration,

- current job demand,
- projected job growth,
- job skill/academic difficulty,
- wages.

The list includes two emerging occupational areas for which ranking information is not currently available from Labor Market Information Statistics for Arizona. However, the business sector input from the Batelle Report (2005) and the Public Works High School Report (2005) were used in determining new and emerging occupational areas in Arizona. The occupational areas that were identified for 2006-2008 included:

- Biomedical Health Technologies
- Engineering Science

The Arizona CTE Program List for JTEDs to use for guidance in implementing programs was established based on the information developed by the Arizona Department of Economic Security that utilized research from the U.S. Department of Labor Bureau of Labor Statistics. The highest skill, highest wage and highest demand fields of employment were identified for the FY 2008 Arizona CTE Program List. The research takes into consideration wages, number of job openings, job growth rate and the O*NET score* to formulate a ranked list of occupations.

* A measure of the skills and knowledge required for the occupations within the Classification of Instructional Programs (CIP), weighted by the number of openings in each occupation. The O*NET is a comprehensive database of worker attributes and job characteristics. It contains knowledge, skills and abilities scores for all occupations. The score provides a comprehensive picture aligning with high skills. The occupations with O*NET scores in the bottom three percent will not be included.

Program priority formula for the FY 2008 Arizona CTE Program List.

- 2 x projected annual job openings
- 1 x average wages
- 1.5 O*NET Descriptor knowledge, skills and abilities scores
- Subpart A: use occupations with education training level 11-6 that goes up through Associate degree Level. Each occupation has a training level assigned to it by the Bureau of Labor Statistics.
- Subpart B: Use O*NET Descriptor knowledge, skills and abilities scores when calculating the O*NET scores in the formula.
- Subpart C: Increase the weight of wages used in formula from 50 percent to 100 percent. The recommended formula emphasizes high-skill, high-wage and/or high-demand occupations.

The State Board of Career and Technological Education approves the Arizona CTE List for a two-year period. The current list was approved for 2007 and 2008. A JTED may request to have consideration given to specific local needs that are not reflected on the overall state list. These may be highly specialized local employment opportunities i.e., Mining Occupations, Power Plant Maintenance etc...

QUESTION 7: Career Placement of Students Who Have Completed the Program Offered by the Joint District

ARS § 15-393.M 4 “A detailed description of the career placement of students who have completed the program offered by the joint district.”

Methodology

The definition of Placement for federal performance measures is as follows:

Numerator: Number of CTE concentrators who graduated and were placed in postsecondary education or advanced training, in military service, or employment in the second quarter following the program year in which they left secondary education (i.e. placement status for CTE concentrators who graduated by June 30 will be assessed and reported between February and June 30 of the following year).

Denominator: Number of CTE concentrators who left secondary education in the reporting year.

The Placement Survey is reported for graduates from the prior year and is reported by June 30 of the year following graduation. This report includes names, placement information and other relevant information for CTE concentrators reported as high school graduates the previous year. The placement information is the data used to calculate local and state performance on the Arizona Performance Measure 3.1 Secondary Placement. The placement survey reports three types of placement:

- School/Apprenticeship
- Military
- Employment

A student may be a concentrator in one or more programs and may have placement information in one or more of the above categories. A student may be reported in as many placements as are applicable to the student’s circumstances at the time the student completes the survey. Only one of these placements can be related to the student’s high school CTE occupational standards. State funding is allowed if any record includes students in a CTE program who were reported as concentrators and who graduated who were surveyed for any placement in school, military, or work that is related.

JTED Placements

The numerator in the attached tables contains the total number of CTE placements per program where a JTED member school has actual placements in that program. These are students of a JTED member school where the student has matching JTED ADM on SAIS. Not all CTE students in a JTED member school will have matching JTED ADM on SAIS because not all CTE students in the member school are participating in a JTED. CTE student placement in a JTED member school is matched on SAIS ID to the JTED ADM on SAIS.

The denominator in the attached tables contains the total number of CTE students who graduated and are concentrators in one or more CTE programs at a JTED member school. These are students of a JTED member school where the student has matching JTED ADM on SAIS. As mentioned above, not all CTE students in a JTED member school will have matching JTED ADM on SAIS because not all CTE students in the member school are participating in a JTED. CTE student graduate concentrators in a JTED member school is matched on SAIS ID to the JTED ADM on SAIS.

The student data is reported by program per JTED. All of the CTE programs that a JTED is offering are listed in each Program Profile Table. Not all CTE programs are offered at every JTED.

The Placement rate is calculated as follows:

2006 graduates who are reported as Related Placements in FY2007 (unduplicated):

Unduplicated Related Placements
Unduplicated Concentrators W7 (graduates) from prior year

2007 JTED Placement Data Issues

Not all member schools in a JTED have 2006 graduates to report placement or have a matching student ADM record in that JTED. For instance, Paradise Valley USD is new to WEST-MEC in 2005-06 and has only 32 students reported in JTED ADM on SAIS. None of these students had any CTE Placements in 2006-07. Saddle Mountain USD is also new to WEST-MEC in 2006-07. None of these programs had CTE placements for 2006-07.

A placement survey is completed on all students who were reported as concentrators who graduated in the prior year. The survey is done by the home school and, if the program is identified as a JTED program, the placement data will be identified as JTED. If a district has a program active at school and at the JTED, currently it is impossible to distinguish at which entity the placement belongs.

Analysis

The analysis on placement is by program. Because the only data that is collected is on graduated students who are concentrators and are placed in a related placement, we are only able to provide data on these students. The analysis that is done is unduplicated. The average related placement rate for all JTED students was 42.73 percent. This placement rate includes only students who were placed in school, work or military in a related field.

Placement can be dependent on the age of a program. A new program will not have placements for at least two or three years, depending on the coherent sequence of courses required to teach all standards. Because many JTED programs are new, many have not yet reported placements. Placements surveys are submitted by the home school for programs that are identified as JTED Programs.

Recommendations

The calculation used for JTED placement rate is not a calculation that is already in place, therefore is not comparable to our placement rate (placed, not related) that is submitted to the Office of Vocational and Adult Education (OVAE) in the Consolidated Annual Report (CAR). The JTED placement rate includes related placements, which is aligned with the state funding of students for related placement. It is recommended that JTEDs be held accountable for student's placement that is related

APPENDIX

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2007-2008 Course Approval Application Process Instruction Page Joint Technological Education Districts

Each Joint Technological Education District (JTED) must submit a “*Course Approval Application*” by January 1, 2007.

1. Complete “Cover Page.” The cover page:

- Identifies the JTED, provides address and contact information
- Assures the Arizona Department of Education that the JTED has completed the required Intergovernmental Agreement (IGA) or other written contract with member districts in compliance with A.R.S. 15-393 (L)(1-10). The IGA or other written contract must completely and accurately specify the following:
 - Financial provisions and the format for the billing of all services
 - Accountability provisions.
 - Responsibilities of each JTED, each school district, each charter school and each community college that is a party to the IGA or other written contract.
 - Type of instruction that will be provided.
 - Quality of instruction that will be provided
 - Transportation services that will be provided and the manner in which transportation costs will be paid.
 - Amount the JTED will contribute to a course, and the amount of support required by the school district or community college.
 - Services provided by the JTED, the school district, the charter school or the community college district are proportionally calculated in the cost of delivering the service.
 - Payment for services shall not exceed the cost of the services provided.
 - Initial IGA or written contract and any addendums between the governing board of a JTED and another JTED, a school district, a charter school, or a community college district be submitted by the JTED to the Joint Legislative Budget Committee (JLBC) for review.
- Requires a list of all member districts for which an IGA or other written contract has been completed, approved by the governing board and submitted to the JLBC for review.
- Requires the signature of the JTED Superintendent assuring that all information contained in the Application for Course Approval is accurate.

2. Complete a “Program and Course Information” page for each program offered through the JTED:

- Only one Program and Course Information page needs to be completed for each program, even if the program or courses are offered at multiple sites.
- In the bottom table of this page please enter the sequence of courses taught in this program. Each course must be entered for approval. Also enter each site where the course is taught. If the program is taught at multiple sites, the cell will continue grow to accommodate for multiple entries. Please enter the remaining information for each site listed.

3. Complete the Specialized Equipment and Instructional Materials List:

- Please enter the specialized equipment or instructional materials item
- Indicate if the item is used for more than one course
- If item is used by more that one course, please specify courses by CIP Code, the cell will continue to grow to accommodate multiple courses.

4. Complete only the top portion of the Course Approval Form. The remainder of the form will be completed by ADE staff.

**5. Submit completed Course Approval Application with original signatures by January 1, 2007 to:
Career Pathways
Career and Technical Education**

Arizona Department of Education
1535 W. Jefferson, Bin #42
Phoenix, AZ 85007
Fax #: (602) 542-1849

Email: JTED.Inbox@azed.gov

- 6. Upon receipt of the Course Approval Application, the assigned area state supervisor will review within 90-days.**

Important Note:

If submitting the Application for Course Approval via e-mail or fax, a hard copy of the Cover Page with original signature must be submitted.

2007-2008 Course Approval Application Joint Technological Education Districts

Course Approval Application is due January 1, 2007

Name of Joint Technological Education District (JTED): _____

CTDS#: _____

JTED Mailing Address: _____ City: _____ ZIP: _____

JTED Physical Address (if different): _____ City: _____ ZIP: _____

JTED Superintendent: _____ Phone: _____ Email _____

: _____

Contact Person: _____ Phone: _____ Email: _____

The _____ Joint Technological Education District assures the Arizona Department of Education Career and Technical Education Section that they comply with the following:

- All reporting requirements as identified by the Arizona Department of Education and cited in HB2700 and related statutes.
- Intergovernmental Agreement (IGA) with participating educational institutions will be written, approved and signed by the local governing board and the JTED governing board.
- IGA will be submitted to the Joint Legislative Budget Committee (JLBC) for review.
- All information contained in this Application for Course Approval is complete and accurate

Signature of Joint Technological District Superintendent

Date of Signature

List below all participating education institutions for which an IGA will be completed:

| | | | |
|--------------------------------------|--------------|----------------------------|-------|
| Education Institution Name Number | CTDS Number: | Education Institution Name | CTDS |
| _____ | _____ | _____ | _____ |
| Education Institution Name Number | CTDS Number: | Education Institution Name | CTDS |
| _____ | _____ | _____ | _____ |
| Education Institution Name Number | CTDS Number: | Education Institution Name | CTDS |
| _____ | _____ | _____ | _____ |
| Education Institution Name Number | CTDS Number: | Education Institution Name | CTDS |
| _____ | _____ | _____ | _____ |

Note:

This application is for ADM funding purposes only. If the JTED anticipates applying for the Carl Perkins Basic Grant and generating State Block Grant funds to be paid to the JTED directly, the JTED must also submit a "Notification of Intent" form for the program in addition to the Application for Course Approval. If the Carl Perkins funds and State Block Grant funds are paid to the comprehensive high school districts, the "Notification of Intent" must be submitted by the appropriate school district.

Program and Course Information

Submit this form for each program offered. Courses may be offered at multiple sites; each site must be listed in the table below. If course is offered at more than four sites, continue to add the additional sites in the cell and attach the additional pages.

Name of JTED: _____ Contact Person: _____ Phone: _____ Email: _____

Program Name: _____ Program CIP Code: _____

Program uses the following industry validated standards for instruction:

- Approved ADE Career and Technical Education Program Standards
- Post Secondary Standards leading to a degree or certification (Please attach list of standards)
- Other standards based on labor market needs (Please specify and attach back-up-data and list of standards)

Program will lead to industry validated assessment or certification: Yes No

| List below the sequence of courses taught in this program: | | | | | | | |
|---|-----------------|---|------------------|--|--|--|--------------------------------|
| Course Title | Course CIP Code | Locations where course is taught. (high schools, community college campus, JTED campus, etc). Programs/courses may be taught in multiple locations (sites). | Site CTDS Number | Is location a central location or satellite? Please check box below. Satellite Central | | Instructor will have appropriate CTE Certification Check below: | Course Approved (ADE use Only) |
| | | Site 1 | | | | | __ Yes __ No |
| | | Site 2 | | | | | |
| | | Site 3 | | | | | |
| | | Site 4 | | | | | |
| | | Site 5: | | | | | |
| | | Site 1 | | | | | __ Yes __ No |
| | | Site 2 | | | | | |
| | | Site 3 | | | | | |
| | | Site 4 | | | | | |
| | | Site 5 | | | | | |

Specialized Equipment and Instructional Materials List

All approved courses must require specialized equipment or specialized instructional materials above the scope and cost of a standard educational course. List for each course seeking approval must be submitted with the Course Approval Application. Additional pages may be attached if necessary.

Name of JTED: _____ **Contact Person:** _____ **Phone:** _____
Email: _____

Program Name: _____ **CIP Code:** _____

Course Name: _____ **CIP Code:** _____

| <i>Please list specialized and instructional materials below:</i> | | |
|---|---------------------------------|--|
| Equipment or Instructional Materials | Item used for multiple courses? | If used by multiple courses, please specify courses by CIP |
| | ___ Yes ___ No | |

| FY 2008 CTE Program List Ranked by Formula | | | | | | | | | | | | |
|---|----------|---|-------|-------------|------|------|------|-------|----------|-------------|------------|--------------|
| Score = (4 X Openings + 2 X Wage + 3 X ONET)/2.25 | | | | | | | | | | | | |
| Rank | CIP Code | CIP Title | Score | Percentiles | | | | | Openings | Hourly Wage | ONET Score | BLS Ed Level |
| | | | | Open | Wage | ONET | Grow | Ratio | | | | |
| Two New and Emerging Programs | | | | | | | | | | | | |
| E | 51.1000 | Biomedical Health Technologies | | | | | | | | | | |
| E | 15.0000 | Engineering Sciences | | | | | | | | | | |
| 1 | 51.1600 | Nursing Services | 373 | 96 | 88 | 93 | 98 | 80 | 3327 | 23.31 | 653 | 6.9 |
| 2 | 52.0200 | Business Management and Administrative Services | 359 | 91 | 89 | 89 | 37 | 39 | 1384 | 23.50 | 640 | 8.0 |
| 3 | 43.0200 | Fire Science | 354 | 79 | 90 | 100 | 80 | 46 | 513 | 24.61 | 754 | 8.8 |
| 4 | 51.0900 | Diagnostic and Intervention Technologies | 335 | 84 | 74 | 90 | 99 | 81 | 903 | 20.21 | 646 | 6.8 |
| 5 | 46.0300 | Electrical and Power Transmission Technology | 332 | 86 | 61 | 93 | 64 | 60 | 1004 | 17.70 | 653 | 9.1 |
| 6 | 43.0100 | Law, Public Safety and Security | 323 | 93 | 53 | 82 | 43 | 33 | 2395 | 16.74 | 618 | 9.9 |
| 7 | 47.0600 | Automotive Technologies | 314 | 88 | 61 | 78 | 47 | 33 | 1056 | 17.73 | 612 | 7.7 |
| 8 | 47.0200 | Heating/Air Conditioning Maintenance | 308 | 69 | 59 | 99 | 94 | 97 | 197 | 17.44 | 721 | 9.0 |
| 9 | 52.0900 | Hospitality Management | 307 | 76 | 79 | 76 | 44 | 56 | 353 | 21.05 | 607 | 8.4 |
| 10 | 51.0600 | Dental Assisting | 299 | 80 | 73 | 69 | 100 | 95 | 588 | 20.06 | 593 | 9.0 |
| 11 | 52.1900 | Design and Merchandising | 287 | 90 | 76 | 45 | 40 | 40 | 1190 | 20.34 | 532 | 9.3 |
| 12 | 01.0100 | Agricultural Business Management - Agriscience | 283 | 82 | 67 | 59 | 42 | 57 | 699 | 18.14 | 568 | 8.5 |
| 13 | 15.1300 | Drafting and Design Technology | 278 | 63 | 78 | 72 | 21 | 14 | 156 | 20.85 | 601 | 7.0 |
| 14 | 46.0500 | Plumbing Services | 277 | 86 | 52 | 59 | 85 | 61 | 1001 | 16.55 | 568 | 9.3 |
| 15 | 15.1200 | Information Technology | 270 | 67 | 80 | 60 | 37 | 61 | 188 | 21.22 | 569 | 6.0 |
| 16 | 46.0200 | Carpentry Technologies | 266 | 95 | 49 | 39 | 86 | 73 | 2948 | 16.05 | 508 | 9.2 |
| 17 | 49.0200 | Heavy Equipment Operation | 264 | 97 | 42 | 41 | 61 | 67 | 3601 | 15.16 | 513 | 10.4 |
| 18 | 46.0400 | Construction Technologies | 248 | 97 | 39 | 31 | 82 | 67 | 4006 | 14.78 | 482 | 9.9 |
| 19 | 15.0300 | Electronic Technology | 248 | 58 | 80 | 55 | 10 | 15 | 94 | 21.40 | 562 | 6.0 |
| 20 | 15.0600 | Industrial Manufacturing | 243 | 25 | 87 | 91 | 15 | 21 | 12 | 23.00 | 649 | 6.0 |
| 21 | 51.0800 | Allied Health Services | 239 | 87 | 14 | 54 | 97 | 99 | 1040 | 12.83 | 558 | 9.0 |
| 22 | 51.1500 | Mental and Social Health Services | 239 | 75 | 20 | 65 | 95 | 82 | 345 | 13.75 | 583 | 10.1 |
| 23 | 48.0500 | Welding Technology | 238 | 85 | 41 | 38 | 26 | 26 | 980 | 15.12 | 504 | 9.6 |
| 24 | 47.0100 | Telecommunications Maintenance and Installers | 230 | 84 | 52 | 26 | 20 | 25 | 805 | 16.64 | 476 | 8.3 |
| 25 | 52.1800 | Marketing, Management and Entrepreneurship | 218 | 99 | 6 | 27 | 36 | 12 | 10043 | 10.56 | 481 | 10.9 |
| 26 | 52.0300 | Accounting and Related Services | 217 | 92 | 24 | 24 | 23 | 29 | 1801 | 14.23 | 465 | 10.0 |
| 27 | 52.0800 | Financial Services | 211 | 92 | 11 | 29 | 41 | 41 | 1703 | 12.35 | 482 | 10.9 |
| 28 | 12.0500 | Culinary Arts | 210 | 100 | 1 | 24 | 63 | 24 | 15798 | 8.28 | 463 | 10.7 |
| 29 | 13.1200 | Education and Training: Education Professions | 196 | 73 | 10 | 44 | 89 | 98 | 278 | 11.93 | 530 | 7.5 |
| 30 | 13.1210 | Education and Training: Early Childhood Education | 196 | 73 | 10 | 44 | 89 | 98 | 278 | 11.93 | 530 | 7.5 |
| 31 | 10.0200 | Audiovisual Technology | 194 | 57 | 39 | 43 | 6 | 17 | 88 | 14.89 | 521 | 9.4 |
| 32 | 12.0400 | Cosmetology | 191 | 77 | 5 | 37 | 20 | 30 | 467 | 10.55 | 501 | 7.1 |
| 33 | 50.0100 | Performing Arts | 181 | 42 | 44 | 50 | 30 | 35 | 44 | 15.30 | 542 | 9.0 |
| 34 | 51.3500 | Therapeutic Massage | 171 | 49 | 50 | 30 | 46 | 54 | 49 | 16.16 | 482 | 7.0 |
| 35 | 10.0300 | Graphic Communications | 168 | 72 | 20 | 17 | 12 | 18 | 270 | 13.54 | 396 | 9.8 |
| 37 CTE Programs | | | | | | | | | | | | |
| Over 80 Programs/Options | | | | | | | | | | | | |

Program priority formula for the FY 2008 Arizona CTE Program List:

- 2 x projected annual job openings.
- 1 x average wages.
- 1.5 O*NET Descriptor knowledge, skills and abilities scores.
- Subpart A: use occupations with education training level 11-6 that goes up through Associate degree Level. Each occupation has a training level assigned to it by the Bureau of Labor Statistics.
- Subpart B: Use O*NET Descriptor knowledge, skills and abilities scores when calculating the O*NET scores in the formula.
- Subpart C: Increase the weight of wages used in formula from 50 percent to 100 percent. The recommended formula emphasizes high-skill, high-wage and/or high-demand occupations

Accounting and Related Services

52.0300

The Accounting and Related Services instructional program prepares students to provide technical support to professional accountants and other financial management personnel. In addition, students will possess the foundation skills needed for postsecondary studies in any area of business. Instruction includes general accounting principles and practices, posting transactions to accounts, record keeping systems and accounting software operation. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills and technical knowledge and skills associated with functions essential for a business operation. Students completing this program will be prepared to participate in teams and implement effective solutions to problems and business-related issues. The program is designed and delivered as a coherent sequence of school-based and work-based supervised learning. Students learn leadership skills and develop their leadership abilities through participation in the state-recognized Career and Technical Student Organization, FBLA. Accounting and Related Services is a three Carnegie unit program.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.0300.10 Introduction to Business & Accounting: This course is recommended for students who have an interest in business and a desire to understand the financial aspects of business organizations. Students will be introduced to general accounting principles and practices. A computer with business applications software is used by students to perform business tasks.

-and-

52.0300.20 Basic Accounting: Students enrolled in this course will develop skills and knowledge required to compute, classify and record numerical data, to keep accurate financial records for corporations and other forms of business. A computer with business applications and accounting software is used by students to perform accounting and related business tasks.

And one or more of the following courses will be included in the coherent sequence of courses for this instructional program:

52.0300.30 Advanced Accounting: Students will apply their knowledge of accounting to integrated learning experiences allowing students to demonstrate the full range of Accounting and Related Services state standards through projects/simulations/school-based enterprise experiences. A computer is an essential tool for students in this class to effectively complete accounting tasks and financial analysis activities.

And program may elect to add:

52.0300.80 Accounting - Cooperative Education: This experience is designed to provide students with both school-based and work-based learning. Training plans and training agreements are based on previously developed accounting knowledge and skills. Students generally work a minimum of 15 hours a week.

Agricultural Business Management – Agriscience

01.0100

The Agricultural Business Management - Agriscience program is designed to prepare students for employment in the Agriculture, Food and Natural Resources career cluster as defined by the USDE Office of Vocational and Adult Education. Students completing this program will possess the appropriate cluster technical knowledge and skills associated with the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. In addition to the required technical skills, students will also develop leadership, advanced employability, critical thinking, applied academic, and life management skills. The program utilizes a delivery system made up of three essential and required components: formal instruction, experiential education through Supervised Agricultural Experiences (SAE), leadership and personal development through the Career and Technical Student Organization, FFA. A model for this delivery system appears in the approved Curriculum Framework booklet. The Agricultural Business Management-Agriscience program is a three Carnegie unit program. Three courses in must be shown in the program sequence of instruction for program approval.

The following describes the recommended Career Preparation courses developed from industry-validated skills for initial employment or continued related education. All the state-designated Agricultural Business Management - Agriscience standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

01.0100.10 **Agricultural Business Management** - Introduction to Applied Biological Systems: Students must attain these Standards in a coherent sequence of courses 01.0100.10 and 01.0100.12. Biology credit for college entrance and secondary graduation is available if these standards are met and a Program Review has been completed. It is required that these standards are covered in a two-course sequence during the 9th and 10th grades.

-and-

01.0100.12 **Agricultural Business Management** - Applied Biological Systems: Students must attain these Standards in a coherent sequence of courses 01.0100.10 and 01.0100.12. Biology credit for college entrance and secondary graduation is available if these standards are met and a Program Review has been completed. It is required that these standards are covered in a two-course sequence during the 9th and 10th grades.

-and-

01.0100.14 **Agricultural Business Management - Agriscience:** These Standards are designed to deliver the lab science standards associated with the Agriculture, Food and Natural Resources career cluster. Lab science credit for college entrance and secondary graduation is available if these standards are met and a Program Review has been completed. It is recommended that these standards be covered in course sequences during the 10th through 12th grades. This specific course is the 11th grade course.

-and-

Option A

01.0100.20 **Food Products and Processing Systems:** Prepares students for careers in food processing and preserving, packaging, distribution, government monitoring & regulation.

-or-

Option B

01.0100.30 **Plant Systems:** Prepares students for careers in Agronomic, Horticulture, Forestry, Turf, Viticulture, Soils, etc.

-or-

Option C

01.0100.40 **Animal Systems:** Prepares students for careers in large animals, small animals, wildlife animals, and research animals.

-or-

Option D

01.0100.50

Natural Resources Systems: Prepares students for careers in Habitat Conservation, Forest Products, Parks and Recreation, Mining, Environmental Services, Fisheries, Soil Conservation, etc.

-or-

Option E

01.0100.60

Power, Structural and Technical Systems: Power, Structures, Controls, Geospatial Technology, Computer Systems, Electronics, Hydraulics, Pneumatics, etc.

-or-

Option F

01.0100.90

Agribusiness Systems: Prepares students for careers in Sales, Service, Farm and Ranch Management, Entrepreneurship, Economics, etc.

-or-

Option G

01.0100.00

Environmental Service Systems: Prepares students for careers in Pollution Prevention, Water & Air Quality, Hazardous Materials, Solid Waste Management, Health & Safety Sanitation, etc.

And program may elect to add:

01.0100.80

Agricultural Business Management - Agriscience - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Agricultural Business Management - Agriscience program.

Allied Health Services

51.0800

The Allied Health Services program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of select healthcare services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with a core curriculum and pathway options of Option A) Pharmacy Support Services, Option B) Laboratory Assisting, Option C) Medical Imaging Support Services, Option D) Sports Medicine and Rehabilitation Therapies, or a new Option E) Medical Assisting (to be developed). Students completing one of these options will be prepared to participate in teams, solve problems, think critically and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience, leadership and personal development through the Career and Technical Student Organization, HOSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the state-mandated Career Preparation standards are addressed in this instructional sequence. Allied Health Services consists of five program options, each with its own set of Career Preparation standards. In the new delivery system, at least two Carnegie Units will be earned in the Career Preparation sequence of courses.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Option A

51.0800.20 Fundamentals of Pharmacy Support Services: This course prepares students to apply academic and technical knowledge and skills of the Pharmacy Technician in a clinical, medical or retail setting or to continue into postsecondary education.

-and-

51.0800.25 Pharmacy Support Services - Advanced Applications: This course prepares students to apply academic and technical knowledge and skills of the Pharmacy Technician in a clinical, medical or retail setting or to continue into postsecondary education.

-or-

Option B

51.0800.30 Fundamentals of Laboratory Assisting: This course prepares students to apply academic and technical knowledge and skills of the Laboratory Assisting in a clinical, medical or retail setting or to continue into postsecondary education.

-and-

51.0800.35 Laboratory Assisting - Advanced Applications: This course prepares students to apply academic and technical knowledge and skills of the Laboratory Assisting in a clinical, medical or retail setting or to continue into postsecondary education.

-or-

Option C

51.0800.40 Fundamentals of Medical Imaging Support Services: This course prepares students to apply academic and technical knowledge and skills of the Medical Imaging Technical Assistant in a clinical or medical setting or to continue into postsecondary education.

-and-

51.0800.45 Medical Imaging Support Services - Advanced Applications: This course prepares students to apply academic and technical knowledge and skills of the Medical Imaging Technical Assistant in a clinical or medical setting or to continue into postsecondary education.

-or-

Option D

51.0800.50 Fundamentals of Sports Medicine & Rehabilitation Therapies: This course prepares students to apply academic and technical knowledge and skills of Fitness Trainer or Physical Therapy Aide in a clinical, medical or retail setting or to continue into postsecondary education.

-and-

51.0800.55 Sports Medicine & Rehabilitation Therapies - Advanced Applications: This course prepares students to apply academic and technical knowledge and skills of Fitness Trainer or Physical Therapy Aide in a clinical, medical or retail setting or to continue into postsecondary education.
-or-

Option E

(Standards to be developed)

51.0800.60 Fundamentals of Medical Assisting Services: This course, when developed, will prepare students to apply academic and technical knowledge and skills of Medical Assistant in a clinical or medical setting or to continue into postsecondary education.

-and-

51.0800.65 Medical Assisting Services - Advanced Applications: This course, when developed, will prepare students to apply academic and technical knowledge and skills of Medical Assistant in a clinical or medical setting or to continue into postsecondary education.

And program may elect to add:

-or-

51.0800.80 Allied Health Services - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific option they have studied.

Audio/Visual Technology

10.0200

The Audio/Visual Technology program is designed to prepare students to apply technical knowledge and skill in the:

- Writing, directing, production and performance of broadcast journalism for television and radio.
- Communication of dramatic information, ideas, moods and feelings through the making, producing and editing of films and video.
- Production of sound recording as finished products or as components of film/video, broadcast, live or mixed media productions.

An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Audio/Visual Technology occupations. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, business, economic and leadership skills required for the 21st century workplace. The Audio/Visual Technology program consists of a core curriculum and three areas of specialization for a student to choose from: Option A) Electronic Journalism, Option B) Interactive Digital Media, or Option C) Radio/Audio Technologies. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience and the Career and Technical Student Organization, SkillsUSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Audio/Visual Technology standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

10.0200.10 Audio/Visual Technology Fundamentals: This course prepares the students to apply technical knowledge and skills in the production of Audio/Visual Technology programs and related operations. Included in the core curriculum is basic instruction in sound, lighting and camera operation/maintenance, power feed control, studio operations, production preparation, sound/video editing, broadcast engineering, related computer applications, and specialized applications such as news, entertainment, live talk, sports, commercials, PSA's, documentaries and short films/animations.

One of the following Career Preparation courses (.20, .30 or .40) will be included as part of the instructional sequence for this program:

Option A

10.0200.20

Electronic Journalism: This course offers the students advanced skill and knowledge to write broadcast media, produce, direct and perform a television broadcast. (This code is appropriate for courses that are producing school announcements and/or weekly news/magazine shows.)

-or-

Option B

10.0200.30

Interactive Digital Media: This course offers the students advanced skills and knowledge to produce and edit digital images and video/animation, develop interactive media and manage digital media. (This code is appropriate for courses that are producing music videos, short films/animation and documentary pieces.)

-or-

Option C

10.0200.40

Radio/Audio Technologies: This course offers the students advanced skill and knowledge to write, produce, direct and perform a radio broadcast as well as to produce sound recordings, digitize/mix/edit audio and the development of sound effects. (This code is appropriate for courses that are producing daily radio broadcasts and/or providing audio services to the community and/or school EJ or IDM courses.)

And program may elect to add:

10.0200.80

Audio/Visual Technology - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Audio/Visual Technology program.

Automotive Technologies

47.0600

The Automotive Technologies program is designed to prepare individuals for jobs as technicians in the automotive or avionics fields. The program is comprised of a core curriculum and four options: Option A (Automotive Technology), Option B (Auto body/Collision Repair), Option C (Diesel Engine Repair), and Option D (Aircraft Mechanics). The occupational standards for both options A and B are aligned with National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) standards.

- Automotive Technology includes units on repairing brake systems, repairing electrical/electronics systems, repairing steering and suspension systems, and engine performance diagnosis and repair.
- Auto Body/Collision Repair Technology includes units on performing disassembly and assembly repairs, performing structural repairs, performing metal, plastic and fiberglass repairs, preparing and finishing surfaces, and using appropriate paint and refinishing techniques.
- Diesel Engine Repair Technology includes units on repair, service, and maintenance of diesel engines in vehicles such as automobiles, buses, trucks and construction equipment; as well as stationary diesel engines in electrical generators and related equipment.

Aircraft Mechanics prepares students to apply technical knowledge and skills to repair, service, and maintain all types of aircraft power plants and related systems. Instruction includes engine inspection and maintenance, lubrication and cooling, electrical and ignition systems, carburetion, fuels and fuel systems.

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

47.0600.10 Automotive Technologies Core Curriculum: This program prepares the student to apply technical knowledge and skills in the safety, adjustment, maintenance, part replacement, and repair of tools, equipment and machines. The course includes developing career plans, preparing for employment, participating in work-based learning experiences, demonstrating oral and written communication skills, understanding financial operations of small businesses, identifying characteristics of successful leaders in the work place and participation in leadership development activities.

-and-

At least one option must be included as part of the instructional sequence for this program:

Option A

47.0600.20 Automotive Technology I: This course prepares the individual to apply basic technical knowledge and skills in safety, adjustment, maintenance, and parts replacement to repair automobiles and light trucks. Students are introduced to: a) brake systems; b) electric/electronic systems; c) steering and suspension systems; and d) engine performance diagnosis and repair.

-and-

47.0600.25 Automotive Technology II: This course prepares the individual to apply higher levels of technical knowledge and skills to maintain, diagnose and repair automobiles and light trucks. Students will gain in-depth knowledge needed to troubleshoot and identify malfunctioning components and sensors; and correct these problems in four areas: 1) brake systems; 2) electrical/electronic systems; 3) steering and suspension systems; and 4) engine performance analysis. Graduates should be able to pass the ASE tests for each of the four areas.

-or-

Option B

47.0600.30 Automotive Collision Repair I: This course prepares individuals to apply basic technical knowledge and skills in seven standards areas: 1) safety and maintenance; 2) damage analysis and preparing repair cost estimates; 3) disassemble and assemble parts, 4) non-structural repair; 5) metal, plastic and fiberglass repairs; 6) prepare and finish surfaces; and 7) paint and refinishing techniques.

-and-

47.0600.35 Automotive Collision Repair II: This course prepares the individual to apply higher levels of technical knowledge and skills to repair, reconstruct and finish automobile and light truck bodies, fenders and external features. Includes instruction in seven competency areas: 1) safety and maintenance; 2) damage analysis and damage reports; 3) disassemble and assemble parts; 4) non-structural repairs; 5) metal, plastic and fiberglass repairs; 6) prepare and finish surfaces; and 7) paint and refinishing techniques. Graduates will be prepared to pass the four specialized tests required for the Master Collision Repair and Refinish Certification.

-or-

Option C

47.0600.40 Diesel Engine Repair Technology I: Course description is under development.

-and-

47.0600.45 Diesel Engine Repair Technology II: Course description is under development.

-or-

Option D

47.0600.50 Aircraft Mechanics I: Course description is under development.

-and-

47.0600.55 Aircraft Mechanics II: Course description is under development.

And program may elect to add:

-or-

47.0600.80 Automotive Technologies - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences related to the standards identified for the Automotive Technologies program.

Biomedical Health Technologies

51.1000

The Biomedical Health Technologies program is a “new and emerging program” appearing on the 2008 CTE program list. Program sequence and descriptions are under development.

Business Management and Administrative Services

52.0200

The Business Management and Administrative Services instructional program prepares students to perform technical support services involved with planning, organizing, researching, directing and controlling functions related to the production, buying and selling of goods and services in domestic and international markets. In addition students will possess the foundation skills needed for postsecondary studies in any area of business. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills and technical knowledge and skills associated with functions essential for a business operation. Students completing this program will be prepared to participate in teams to solve problems and make decisions about business related issues. The program is designed and delivered as a coherent sequence of school-based and work-based experiences. Leadership skills are developed through the state recognized Career and Technical Student Organizations, FBLA or DECA.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.0200.10 Introduction to Business Management and Administrative Services: This course is recommended for students who have an interest in business and a desire to understand how business works in today’s global economy. This course prepares students with technical skills and knowledge related to the economics, management and administrative support functions of business, which cut across industries. A computer with business applications software is used by students as a tool to perform business tasks.

-and-

52.0200.20 Basic Business Management and Administrative Services: Students enrolled in this course will develop knowledge and skills in applied research, business communications, principles of business law, public relations, information management, meeting planning and office supervisory skills. A computer with business applications software is used by students to perform project management and other business tasks.

-and-

One or more of the following courses will be included in the coherent sequence of courses for this instructional program:

52.0200.30 Advanced Business Management and Administrative Services: This course includes instruction in business planning and operations. Computer software applications are applied to the technical support functions essential to the operation of an enterprise and buying and selling of goods and services.

-or-

52.0200.80 Business Management and Administrative Services - Cooperative Education: This experience is designed to provide students with both school-based and work-based learning. Training plans and training agreements are based on previously developed business management and administrative knowledge and skills. Students generally work a minimum of 15 hours a week.

Carpentry Technologies **46.0200**

The Carpentry Technologies program prepares students to apply technical knowledge and skills to layout, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards. The program is comprised of a core curriculum and two options: Option A (Carpentry) and Option B (Cabinetmaking). The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

46.0200.10 Carpentry Technologies Core Curriculum: Course description is under development.

-and-

At least one option must be included as part of the instructional sequence for this program:

Option A

46.0200.20 Carpentry Technology I: Course description is under development.

-and-

46.0200.25 Carpentry Technology II: Course description is under development.

-or-

Option B

46.0200.30 Cabinetmaking I: This course prepares students to apply technical knowledge and skills to set up, operate and repair industrial cabinetmaking machinery and to use such machinery to design and fabricate wooden components and complete articles.

-and-

46.0200.35 Cabinetmaking II: This course prepares students for advanced technical knowledge and skills using a variety of cabinetmaking techniques and equipment.

And program may elect to add:

46.0200.80 Carpentry Technologies - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Carpentry Technologies program.

Construction Technologies **46.0400**

The Construction Technologies program is designed to prepare students for careers in the Construction Industries. The occupational standards for both options are aligned with the National Center for Construction Education and Research (NCCER) standards. Construction Technologies I include units of instruction in electrical, masonry, concrete finishing and plumbing. Construction Technologies II includes units of instruction in floor systems, wall and ceiling framing, roof framing, site layout, exterior finish and roofing applications. The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

46.0400.10 Construction Technologies Core Curriculum: This course includes units of instruction in career planning, oral and written communications, understanding financial operations, teamwork, human relations, basic safety, construction math, hand tools, power tools, reading blueprints, basic rigging and exploring careers in construction

-and-

- 46.0400.20 Construction Technologies I:** This course prepares the individual to apply basic technical knowledge and skills in residential construction.
- and-**
- 46.0400.25 Construction Technologies II:** This course prepares the individual to apply advanced technical knowledge and skills in residential construction.
- And program may elect to add:**
- 46.0400.80 Construction Technologies - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Construction Technologies program.

Cosmetology 12.0400

The Cosmetology instructional program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of cosmetology services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with careers in this field. Students completing this program will be prepared to participate in teams, solve problems think critically and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience and personal development through the Career and Technical Student Organization, SkillsUSA.

The following describes a recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the Career Preparation state-designated Cosmetology standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 12.0400.10 Fundamentals of Cosmetology:** This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.
- and-**
- 12.0400.20 Cosmetology - Advanced Applications:** This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.
- And program may elect to add:**
- 12.0400.80 Cosmetology - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards for the Cosmetology program.

Culinary Arts 12.0500

The Culinary Arts program is designed to prepare students to apply technical knowledge and skills required for food production and service occupations in institutional and commercial food establishments. Students completing this program will possess the technical knowledge and skills required for planning, selecting, storing, purchasing, preparing and serving quality food products. Nutritive values, safety and sanitation procedures, use of commercial equipment, serving techniques, special diets and management of food establishments will also be studied. In addition to technical skills, students completing this program will also develop advanced critical thinking, applied academic, career development, life and employability skills,

business, economic, and leadership skills required for culinary arts occupations. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, FCCLA and SkillsUSA.

The following describes a recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Culinary Arts standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 12.0500.10** **Fundamentals of Culinary Arts:** This course prepares students to serve under the supervision of food service professionals as kitchen support staff and commercial food preparation workers. It includes instruction in kitchen equipment, organization and operations, sanitation, quality control, quantity food preparation and cooking skills.
- and-**
- 12.0500.20** **Culinary Arts Applications:** This course prepares students with advanced applications in kitchen equipment, organization and operations, sanitation, quality control, quantity food preparation and cooking skills. Additionally, students have training in business operations of a food and beverage operation.
- And program may elect to add:**
- 12.0500.80** **Culinary Arts - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards for the Culinary Arts program.

Dental Assisting
51.0600

The Dental Assisting program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of medical assisting healthcare services - both front office and clinical responsibilities. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with a dental assistant. Students completing this program will be prepared to participate in teams, solve problems, think critically, and implement effective solutions. The program will be designed and delivered as a coherent sequence of experiences using technical instruction, experiential learning, supervised clinical experience, and leadership and personal development through the career and technical student organization, HOSA.

The following describes the recommended sequence of courses yet to be developed that will be necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.0600.10** **Fundamentals of Dental Assisting:** This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.
- and-**
- 51.0600.20** **Dental Assisting - Advanced Applications:** This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.
- And program may elect to add:**
- 51.0600.80** **Dental Assisting - Cooperative Education:** This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific program they have studied.

Design and Merchandising **52.1900**

The Design and Merchandising program is designed to prepare students for employment or advanced postsecondary coursework in design production; apparel or home furnishings sales and manufacturing; custom fashion or interior design; supervisory positions in home furnishings and apparel manufacturing; and as buyers for retail establishments. A student completing this program will possess the technical knowledge and skills associated with fashion or interior design/production and selection, wholesale purchasing, sales and promotion. In addition to technical skills, students completing this program will also develop advanced critical thinking, career development, applied academic, life and employability skills, basic business practices and leadership skills required for entry into fashion or interior design and merchandising occupations. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience and the Career and Technical Student Organization, FCCLA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Design and Merchandising standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.1900.10 Fundamentals of Design and Merchandising: This course introduces students to the technical knowledge and skills associated with design principles, production, selection, marketing principles, display, purchase, sales, promotion, construction, textile science and business practices.

-and-

Option A

52.1900.20 Fashion Design and Merchandising Applications: This course is designed for students to apply advanced occupational skills in fashion design, production, selection, marketing, display, purchase, sales, promotion and materials selection.

-or-

Option B

52.1900.30 Interior Design and Merchandising Applications: This course is designed for students to apply advanced occupational skills in interior design plans and drawings, furnishings and materials selection, marketing, display, purchasing, sales, promotion and business practices.

And program may elect to add:

52.1900.80 Design and Merchandising - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Design and Merchandising program option.

Diagnostic and Intervention Technologies **51.0900**

The Diagnostic and Intervention Technologies program is composed of three options: Respiratory Therapy Technician, Emergency Medical Paramedics and Surgical Technician. Students completing this program will be prepared to participate in teams, solve problems, think critically and implement effective solutions. The program will be designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience, leadership and personal development through the Career and Technical Student Organization, HOSA.

These options will be designed to prepare high school students with the foundations in knowledge and technical skills needed to help prepare them to continue their education toward their chosen option by successfully completing an appropriate postsecondary program. Affiliations with local community college

programs can provide high school students with dual or concurrent credit that can be applied toward their postsecondary certificate or degree. The following describes a recommended sequence of courses. All the state-mandated Career Preparation standards are yet to be developed.

The Diagnostic and Intervention Technologies program consists of three options, each of which will have its own set of Career Preparation standards (standards to be developed). In the new delivery system, at least two Carnegie Units will be earned in the Career Preparation sequence of courses.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Option A

51.0900.20 Fundamentals of Respiratory Therapy: This course, when developed, will help prepare students to continue their education toward becoming a Respiratory Therapy Technician by completing an appropriate postsecondary program.

-and-

51.0900.25 Respiratory Therapy - Advanced Applications: This course, when developed, will help prepare students to continue their education toward becoming a Respiratory Therapy Technician by completing an appropriate postsecondary program.

-or-

Option B

51.0900.30 Fundamentals of Emergency Medical Paramedics: This course, when developed, will help prepare students to continue their education toward becoming an Emergency Medical Paramedic by completing an appropriate postsecondary program.

-and-

51.0900.35 Emergency Medical Paramedics - Advanced Applications: This course, when developed, will help prepare students to continue their education toward becoming an Emergency Medical Paramedic by completing an appropriate postsecondary program.

-or-

Option C

51.0900.40 Fundamentals of Surgical Technicians: This course, when developed, will help prepare students to continue their education toward becoming a Surgical Technician by completing an appropriate postsecondary program.

-and-

51.0900.45 Surgical Technicians - Advance Applications: This course, when developed, will help prepare students to continue their education toward becoming a Surgical Technician by completing an appropriate postsecondary program.

And program may elect to add:

51.0900.80 Diagnostic & Intervention Technologies - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific option they have studied.

Drafting and Design Technology

15.1300

The Drafting and Design Technology program is designed to prepare students to apply technical skills via computer assisted design and drafting to create two-dimensional and three-dimensional engineering designs. It includes instruction in specification interpretation, dimensioning techniques, drafting calculations, material estimation, technical communications, and computer applications. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, and business, economic, and leadership skills required for the 21st century workplace. The Drafting and Design Technology program consists of a core curriculum and four areas of specialization for a student to choose from: Option A) Architectural Drafting, Option B) Civil Drafting, Option C) Electronics Drafting, and Option D) Mechanical Drafting. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Drafting and Design Technology standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

15.1300.10 Drafting and Design Technology Fundamentals: This course prepares students to apply technical knowledge and skills to plan and prepare scale interpretations of engineering, design and architectural projects. It includes instruction in creating layouts and designs, blueprints and renderings and in the use of computer-assisted design programs. In addition to knowledge of drafting technologies, students will have the opportunity to place special emphasis on more specific services and/or industries in which they have an interest.
-and-

One of the following Career Preparation courses (.20, .30, .40 or .50) will be included as part of the instructional sequence for this program:

Option A

15.1300.20 Architectural Drafting: This course prepares students to apply technical knowledge and skills to develop working drawings and electronic simulations for architectural and related construction projects. Includes instruction in basic construction and structural design, architectural rendering, layout and designs, blueprint interpretation, building materials and basic structural wiring diagramming.
-or-

Option B

15.1300.30 Civil Drafting: This course prepares students to apply technical knowledge and skills to develop working drawings and electronic simulations in support of civil and geological engineers. Includes instruction in basic civil engineering principles, geological and seismographic mapping, machine and pipe drafting, survey interpretation and blueprint reading.
-or-

Option C

15.1300.40 Electronics Drafting: This course prepares students to apply technical knowledge and skills to develop working schematics and representations in support of electrical/electronic and computer engineers. Includes instruction in basic electronics, electrical systems and computer layouts, electronic circuitry and electrical systems specification interpretation.
-or-

Option D

15.1300.50 Mechanical Drafting: This course prepares students to apply technical knowledge and skills to develop working drawings and electronic simulations in support of mechanical and industrial engineers. Includes instruction in manufacturing materials and processes, mechanical drafting, basic metallurgy, geometric dimensioning and tolerance, blueprint reading and technical communications.
And program may elect to add:
-or-

15.1300.80 Drafting and Design Technology - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Drafting and Design Technology program.

Early Childhood Education

13.1210

The Early Childhood Education program is designed to prepare students for employment in early childhood settings. The program includes instruction in child growth and development, child health, nutrition, safety, planning and supervision of developmentally appropriate play and learning activities. Child guidance, family relationships, parenting and applicable legal and administrative requirements are addressed, as well. Preparation for the development and management of effective early childhood programs and facilities is included. In addition to technical skills, students completing this program will also develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic and leadership skills required for entry into Early Childhood Education occupations. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience and the Career and Technical Student Organization, FCCLA.

The following describes the recommended sequence of courses organized on the basis of industry-recognized skills necessary for initial employment or continued related education. All the state-designated Early Childhood Education standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

13.1210.10 Fundamentals of Early Childhood Education: This course prepares occupational students to understand the physical, mental, emotional and social growth and development of children. It is recommended that a portion of class time be spent observing young children.

13.1210.20 Early Childhood Education Applications: This course prepares students for occupations in early childhood education in both the public and private sector. At least 50% of students time should be spent working with children below grade three. High school students may receive certifications such as the Child Development Association (CDA) upon completion of the program.

And program may elect to add:

13.1210.80 Early Childhood Education - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards for the Early Childhood Education program.

Education Professions

13.1200

The Education Professions program is designed to prepare students for employment or postsecondary opportunities in the education field. The program provides instruction in education career choices, education structure and systems, theory, pedagogy, developmental stages, learning styles and methodology. The program also provides interactive experiences with students at different age levels, in a variety of content areas in educational environments. Education Professions is designed to articulate with the Introduction to Education courses at the community college and para-professional preparation programs. In addition to technical skills, students completing this program will develop advanced critical thinking skills, enhanced academic skills, develop civic responsibility, understand education as a consumer, and develop employability and leadership skills. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential/service learning, supervised work-based learning and the student organization, FEA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation State-designated Education Professions standards are addressed in this instructional program.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 13.1200.10 Education Professions Fundamentals:** This course provides students with instruction in education career choices, education structure and systems, legal and ethical responsibility of educators. It provides instruction in developmental stages of children, education theory, pedagogy and methodology. It is recommended that observation and interactive field experience be a significant part of this course.
- and-**
- 13.1200.20 Education Professions Applications:** This course prepares students to work in an educational environment. The course should expound on learning styles, interactions with students, use of equipment and resources, methodology in both preparation and presentation in the classroom as a workplace.
- And program may elect to add:**
- 13.1200.80 Education Professions - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based learning and supervised work-based learning experiences directly related to the standards for the Education Professions program.

Electrical and Power Transmission Technology

46.0300

The Electrical and Power Transmission Technology a program that generally prepares individuals to apply technical knowledge and skills to install indoor and outdoor residential, commercial, and industrial electrical systems and associated power transmission lines. Includes instruction in electricity, safety procedures, wiring, insulation and grounding, schematic blueprint interpretation, equipment operation and maintenance, and applicable codes and standards is designed to prepare students for careers in the Construction Industries. The occupational standards for both options are aligned with the National Center for Construction Education and Research (NCCER) standards. Construction Technologies I include units of instruction in electrical, masonry, concrete finishing and plumbing. Construction Technologies II includes units of instruction in floor systems, wall and ceiling framing, roof framing, site layout, exterior finish and roofing applications. The program is comprised of a core curriculum and two options: Option A (Residential Electrician) and Option B (Industrial Electrician). The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 46.0300.10 Electrical Fundamentals:** This course includes units of instruction in career planning, oral and written communications, understanding financial operations, teamwork, human relations, basic safety, construction math, hand tools, power tools, reading blueprints, basic rigging and exploring careers in construction.
- and-**

At least one option must be included as part of the instructional sequence for this program:

Option A

- 46.0300.20 Residential Electrician I:** Course description is under development.
- and-**
- 46.0300.25 Residential Electrician II:** Course description is under development.
- or-**

Option B

- 46.0300.30 Industrial Electrician I:** This course prepares the individual to apply basic knowledge and skills in electrical theory and applications in industrial settings by performing preventive maintenance tasks or making minor repairs.
- and-**
- 46.0300.35 Industrial Electrician II:** This course prepares the individual to apply advanced technical knowledge and skills to repair electrical machinery and equipment and delivery systems.
- And program may elect to add:**

- 46.0300.80 Electrical and Power Transmission Technology - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Electrical and Power Transmission Technology program.

Electronic Technology
15.0300

The Electronic Technology program is designed to prepare students to apply basic engineering principles and technical skills in support of electrical, electronics and communication engineers. Includes instruction in electrical circuitry, prototype development and testing, systems analysis and testing, systems maintenance, instrument calibration and report preparation, in addition to technical skills, students completing this program will also develop advanced critical thinking, applied academic, career development, life management, business, economic and leadership skills required for Electronic Technology occupations.

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 15.0300.10 Electronic Technology Core Curriculum:** Students will learn basic safety principles and practices used in electronic manufacturing industries and/or repairing electronic equipment. Students will learn how to use basic hand tools, test equipment and troubleshooting techniques. Other units of instruction include basic math through trigonometry, reading and interpreting schematic diagrams and technical drawings, soldering/desoldering techniques and other basic assembly skills.
- and-**
- 15.0300.20 Basic Electricity Principles and Applications:** This course includes units of instruction in basic concepts, electrical quantities and units, basic circuits, laws and measurements, circuit components, multiple-load circuits, complex-circuit analysis, magnetism, alternating current and voltage, power in AC circuits, capacitance, inductance, transformers, RCL circuits, electric motors, and test equipment.
- and-**
- 15.0300.25 Basic Electronic Principles and Applications:** This course includes units of instruction in semiconductors, diodes, power supplies, transistors, small-signal amplifiers, large-signal amplifiers, operational amplifiers, oscillators, communications theory, integrated circuits, silicon-controlled rectifiers, regulated power supplies and digital signal processing.
- And program may elect to add:**
- 15.0300.80 Electronic Technology - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Electronic Technology program.

Engineering Sciences

15.0000

The Engineering Sciences program will be designed to: prepare students to apply basic engineering principles and new product development applications for commercial and industrial products.

Students will be prepared in the following instructional areas:

Fundamental principles included in problem Solving techniques, creativity with product design, principles of processing, energy sources, available materials, environmental issues, industrial demands, and costs.

Program sequence and course descriptions are under development.

Financial Services

52.0800

The Financial Services instructional program prepares students to provide a wide variety of customer services and technical support in investments and securities, financial planning, credit management, insurance, real estate and banking and other financial related areas. Development of leadership skills is integral to the students' success in the program. The Career and Technical Student Organizations, FBLA or DECA students who complete this program will be prepared to participate in teams to solve problems and think critically about managing their personal finances and those of a business organization. In addition, students will possess the academic and foundation occupational skills and knowledge needed to pursue specialized postsecondary studies in finance. Instruction is designed and planned utilizing the state standards for the program. The program is designed and delivered as a coherent sequence of courses utilizing technical instruction, experiential learning, and supervised work-based experience.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All Career Preparation state-designated Financial Services standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.0800.10 Introduction to Business and Financial Services: Students enrolled in this course will receive instruction in a variety of customer services provided by banks, insurance agencies, investment brokers, credit unions and related enterprises. General knowledge of budgeting and credit management are outcomes of this course. A computer with business applications software is used by students to perform business and finance related tasks.

-and-

52.0800.20 Basic Financial Services: Students enrolled in this course will receive instruction in principles of economics and accounting, financial instruments, economic and monetary systems. A computer with business applications software is used by students to perform basic financial management tasks.

-and-

One or more of the following courses will be included as part of the instructional sequence for this program:

52.0800.30 Advanced Financial Services: The outcomes of this course are integrated into learning experiences allowing students to demonstrate their knowledge and skills in the full range of Financial Services state standards through projects and simulations.

-or-

52.0800.80 Financial Services - Cooperative Education: This course is designed to provide students with both school-based and work-based learning. Training plans and training agreements are based on previously developed financial services knowledge and skills. Students generally work a minimum of 15 hours a week.

Fire Science 43.0200

The Fire Science program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of Fire Science services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge, and skills associated with careers in this field. Students completing this program will be prepared to participate in teams, solve problems, think critically and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience and leadership and personal development through the Career and Technical Student Organization, SkillsUSA

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All of the Career Preparation state-designated Fire Science standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 43.0200.10 Fundamentals of Fire Science:** This course introduces students to careers in Fire Science and prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of Fire Science.
- and-**
- 43.0200.20 Fire Science - Advanced Applications:** This course prepares students to apply advanced academic and technical knowledge and skills in a variety of settings within Fire Science.
- And program may elect to add:**
- 43.0200.80 Fire Science - Cooperative Education:** This course utilizes cooperate education methodology to combine school-based and supervised work-based learning identified for students within the specific option they have studied.

Graphic Communications 10.0300

The Graphic Communications program is designed to prepare students for employment/postsecondary education related to the fields of Graphic Arts, Graphic Design, or Photo-Imaging. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Graphic Communications occupations. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, business, economic, and leadership skills required for the 21st century workplace. The Graphic Communications program consists of a core curriculum and three areas of specialization for a student to choose from: Option A) Graphic Arts, Option B) Graphic Design, or Option C) Photo-Imaging. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Graphic Communications standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

10.0300.10 Graphic Communications Fundamentals: This course includes units of instruction in all aspects of the industry, career development, applied math, safety, legal issues, customer service, basic computer and design skills, color management and preparing a portfolio for Graphic Communications occupations.

-and-

The following course can be added, if necessary, to the Coherent Sequence of Instruction.

10.0300.12 Graphic Communication Fundamentals II: This course is a continuation of Graphic Communications Fundamentals if necessary. Instruction will include all aspects of the industry, career development, applied math, safety, legal issues, customer service, basic computer and design skills, color management and preparing a portfolio for Graphic Communications occupations.

-and-

Two of the following Career Preparation courses (.20 and .25 or .30 and .35 or .40 and .45) will be included as part of the instructional sequence for this program:

Option A

10.0300.20 Graphic Arts I: This course prepares the individual to apply basic artistic and computer techniques to the interpretation of technical and commercial concepts of press operations. Includes instruction in computer assisted art and design, printmaking, color theory, plate making, image assembly, press operations and print finishing/distribution.

-and-

10.0300.25 Graphic Arts II: This course prepares the individual to apply advanced technical knowledge and skills to the layout, design, and typographic arrangements of printed and electronic media. Includes theory and hands-on instruction in offset and digital printing equipment and operations, lithography, screen-printing, digital imaging, print preparation, desktop publishing, and will provide a distinct understanding of the printing industry and its business operations.

-or-

Option B

10.0300.30 Graphic Design I: This course includes units of instruction in applied visual arts that prepares the individual to use basic artistic techniques to communicate effectively ideas and information to business and customer audiences via illustrations and other forms of digital or printed media. Students will continue the development of the electronic and traditional portfolio.

-and-

10.0300.35 Graphic Design II: This course prepares the individual to apply advance knowledge and skills to prepare customer documents. The course includes units of instruction in concept and layout, paste-up techniques such as drawing, cartooning, and computer graphics. Students will complete the electronic and traditional portfolio.

-or-

Option C

10.0300.40 Photo Imaging I: This course includes units of instruction in applied visual arts that prepares the individual to use basic artistic techniques to communicate effectively ideas and information to business and customer audiences through the recording of events and people, via digital photography.

-and-

10.0300.45 Photo Imaging II: This course prepares the individual to apply advanced knowledge and skills to produce quality photographs through the use of digital photography. The course includes units of instruction in specialized camera and equipment operation and maintenance, applications to commercial and industrial needs and photography business operations.

And program may elect to add:

10.0300.80 Graphic Communications - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Graphic Communications program.

Heating/Air Conditioning Maintenance
47.0200

The Heating/Air Conditioning Maintenance program prepares students to apply technical knowledge and skills to repair, install, service and maintain the operating conditions of heating and air conditioning systems. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity and electronics as they relate to the repair of heating and air conditioning systems.

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 47.0200.10 Heating/Air Conditioning Maintenance I:** Course description is under development.
-and-
47.0200.20 Heating/Air Conditioning Maintenance II: Course description is under development.
And program may elect to add:
47.0200.80 Heating/Air Conditioning Maintenance - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Heating/Air Conditioning Maintenance program.

Heavy Equipment Operations
49.0200

The Heavy Equipment Operations program prepares students to apply technical knowledge and skills to operate and maintain a variety of heavy equipment such as a crawler tractor, motor graders and scrapers, shovels, rigging devices, hoists, and jacks. Includes instruction in digging, ditching, sloping, stripping, grading and backfilling, clearing and excavating.

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 49.0200.10 Heavy Equipment Operations I:** Course description is under development.
-and-
49.0200.20 Heavy Equipment Operations II: Course description is under development.
And program may elect to add:
49.0200.80 Heavy Equipment Operations - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences, directly related to the standards identified for the Heavy Equipment Operations program.

Hospitality Management **52.0900**

The Hospitality Management program is designed to prepare students for employment in positions that provide customer-focused services in such facilities as hotels, resorts, convention centers, National parks, RV parks, travel agencies and cruise lines. A student completing this program will possess the knowledge and skills associated with reservations and front desk operations, meeting and banquet room support services, food and beverage support services, housekeeping, laundry operations, supervisory functions, and environmental functions. In addition to these skills, students will possess advanced employability skills including critical and conceptual thinking, communications, applied academics, life and employability skills, and technology. This program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, FCCLA and DECA.

The following describes a recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the state-designated Hospitality Management standards are addressed in this instructional sequence.

- 52.0900.10 **Fundamentals of Hospitality Management:**** This course prepares students for occupations in a variety of hospitality services and facilities including: hotels, resorts, convention centers, National parks, RV parks, travel agencies and cruise lines.
- and-**
- 52.0900.20 **Hospitality Management Applications:**** The outcomes of this course are integrated into learning projects and simulations to demonstrate the full range of Hospitality Management standards. Work-based learning activities such as internships, school-based enterprises, or job shadowing are considered a component of Hospitality Management application activities.
- And program may elect to add:**
- 52.0900.80 **Hospitality Management - Cooperative Education:**** This course utilizes a cooperative education methodology by providing supervised work-based learning experiences directly related to the standards identified for the Hospitality Management program.

Industrial Manufacturing **15.0600**

The Industrial Manufacturing program is designed to prepare students to apply basic engineering principals and technical skills. Students will be prepared in the following instructional areas: manufacturing systems, materials processing, production planning and control, documentation, technical problem solving, management information systems, predictive/preventive maintenance and automated manufacturing. In addition to the required technical skills, students will also develop leadership, advanced employability, critical thinking, and applied academic and life management skills. The program is comprised of two core curriculums and three options: Option A (Metals Manufacturing); Option B (Plastic Manufacturing); or Option C (Production Technologies).

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 15.0600.10 **Fundamentals of Industrial Manufacturing:**** This course includes units of instruction in examining the use of electrical/electronic, mechanical, hydraulic, pneumatic, chemical, computer control and power systems used in manufacturing. Units also include measurement techniques and instruments, blueprint and technical drawing reading. Additional units include career planning, communications skills, work-based learning experiences, business planning, teamwork, safety, creative thinking and problem solving.
- and-**

15.0600.12 Applications of Industrial Manufacturing: This course includes units for the application and operation of electrical/electronic, mechanical, hydraulic, pneumatic, chemical, automated manufacturing, measurement instruments and power systems used in manufacturing. Additional units provide the integration of basic engineering principles and technical skills in the manufacturing of a product.

-and-

One of the following Career Preparation options will be included as part of the instructional sequence for this program:

Option A

15.0600.20 Metals Manufacturing: prepares students to apply basic engineering principles and technical skills in support of engineers and metallurgists engaged in developing and using industrial metals and manufacturing process.

-or-

Option B

15.0600.30 Plastics Manufacturing: prepares students to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using industrial polymers.

-or-

Option C

15.0600.40 Production Technology: prepares students to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products.

And program may elect to add:

15.0600.80 Industrial Manufacturing - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Industrial Manufacturing program.

Information Technology

15.1200

The Information Technology program is designed to prepare students for employment/postsecondary education related to the design, development, installation, implementation, use and management of computers and networks. An integrated approach of teaching and learning is provided to enhance the technical knowledge and skills associated with functions within IT occupations. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, business, economic, and leadership skills required for the 21st century workplace. The Information Technology program consists of a core curriculum and four areas of specialization for a student to choose from: Option A) Computer Maintenance, Option B) Network Technology, Option C) Software Development, or Option D) Web Page Development. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA or FBLA.

The Information Technology program is designed to prepare students for employment/postsecondary education related to the design, development, installation, implementation, use and management of computers and networks. An integrated approach of teaching and learning is provided to enhance the technical knowledge and skills associated with functions within IT occupations. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, business, economic, and leadership skills required for the 21st century workplace. The Information Technology program consists of a core curriculum and four areas of specialization for a student to choose from: Option A) Computer Maintenance, Option B) Network Technology, Option C) Software

Development, or Option D) Web Page Development. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA or FBLA.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

15.1200.10 Information Technology Fundamentals: This course introduces principles of computers with an emphasis on basic concepts of computer maintenance, network technology, software development and web page development. While also providing an understanding of the IT industry, computer mathematics and the evolution of the computer.

-and-

One of the four Career Preparation options (.20 or .30 or .40 or .50) will be included as part of the instructional sequence for this program:

Option A

15.1200.20 Computer Maintenance: This option prepares students to apply technical knowledge and skill in PC hardware and software systems with an emphasis on PC repair and maintenance. This option will offer skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

-or-

Option B

15.1200.30 Network Technology: This option prepares students to apply technical knowledge and skills to install, configure and troubleshoot basic networking hardware, protocols, and services. This option will offer the skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

-or-

Option C

15.1200.40 Software Development: This option prepares students to apply software theory and programming methods to the solution of business data problems. This option will offer the skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

-or-

Option D

15.1200.50 Web Page Development: This option prepares students to become familiar with the foundational and basic skills of Internet Technologies, writing code manually, using graphical user interface authoring tools and learning basic infrastructure networking. This option will offer the skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

And program may elect to add:

15.1200.80 Information Technology - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Information Technology program.

Law, Public Safety and Security **43.0100**

The Law, Public Safety and Security instructional program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of Law, Public Safety and Security services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with careers in this growing field. Students completing this program will be prepared to participate in teams, solve problems, think critically, and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, experiential learning, supervised occupational experience, and leadership and personal development through the Career and Technical Student Organization, SkillsUSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All Career Preparation state-designated Law, Public Safety and Security standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 43.0100.10** **Fundamentals of Law, Public Safety and Security:** This course introduces students to careers in Law, Public Safety and Security and prepares students to apply academic and technical knowledge and skills related to common industry standards and practices.
-and-
- 43.0100.20** **Law, Public Safety and Security - Advanced Applications:** This course prepares students to apply advanced academic and technical knowledge and skills to a variety of settings within Law, Public Safety and Security.
And program may elect to add:
- 43.0100.80** **Law, Public Safety & Security - Cooperative Education:** This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific program of studies.

Marketing, Management, and Entrepreneurship **52.1800**

The Marketing, Management and Entrepreneurship program is designed to prepare students for employment in various sales, customer service, first-line supervisory positions, web page design, e-retailing, sports marketing, hospitality and tourism, small business ownership, advertising/promotion and/or postsecondary education related to the fields of Professional Sales and Marketing, E-Commerce Marketing, Entertainment Marketing, Entrepreneurship and Advertising. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Marketing, Management and Entrepreneurship occupations. In addition to the occupation related skills, students completing this program will also develop advanced critical thinking, applied academic, interpersonal relations, life management, business, economic, and leadership skills required for the 21st century workplace. The Marketing, Management and Entrepreneurship program consists of a core curriculum and five areas of specialization for a student to choose from: Option A) Professional Sales and Marketing, Option B) E-Commerce Marketing, Option C) Entertainment Marketing, Option D) Entrepreneurship, or Option E) Advertising. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experiences, and the Career and Technical Student Organization, DECA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Marketing, Management and Entrepreneurship standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

52.1800.10 Marketing, Management and Entrepreneurship Fundamentals: This course is designed to introduce the students to basic marketing concepts and principles as they relate to Professional Sales and Marketing, E-Commerce, Entertainment Marketing, Entrepreneurship and Advertising.

-and-

One of the five Career Preparation options (.20, .30, .40, 50 or .60) will be included as part of the instructional sequence for this program:

Option A

52.1800.20 Professional Sales and Marketing: This course prepares students to perform marketing functions and tasks as they relate to selling and retailing. (This code is appropriate for courses utilizing a marketing lab/student-operated store.)

-or-

Option B

52.1800.30 E-Commerce Marketing: This course prepares students to perform marketing and management functions and tasks that can be applied to the selling of products and services by businesses and consumers over the Internet.

-or-

Option C

52.1800.40 Entertainment Marketing: This course prepares students to perform marketing and management functions and tasks that can be applied to amateur or professional sports or sporting events and entertainment or entertainment services. It also prepares students to perform marketing and management functions and tasks that can be applied to attracting and serving the traveling public, and other services incidental to the travel and tourism industry.

-or-

Option D

52.1800.50 Entrepreneurship: This course prepares students for small business ownership through the development of a business plan, marketing strategies and a financial plan while also gaining an understanding of HR and Management functions within a small business.

-or-

Option E

52.1800.60 Advertising: This course prepares students to create and market communication strategies utilizing multiple media mediums. Includes instruction in the elements of advertising, design and graphics as well as copyright to effectively plan, integrate and implement successful advertising campaigns.

52.1800.80 And program may elect to add:

Marketing, Management and Entrepreneurship - Cooperative Education: This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Marketing, Management, and Entrepreneurship program.

Mental and Social Health Services

51.1500

The Mental and Social Health Services program prepares students to participate in teams, solve problems, think critically and implement effective solutions. The program will be designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised clinical experience, leadership and personal development through the Career and Technical Student Organization, HOSA.

This program will be designed to prepare high school students with the foundations in knowledge and technical skills needed to help prepare them to continue their education by successfully completing an appropriate postsecondary program. Affiliations with local community college programs can provide high school students with dual or concurrent credit that can be applied toward their postsecondary certificate or degree.

The following describes the recommended sequence of courses yet to be developed that will help prepare students to complete successfully a postsecondary program in mental and social health services.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.1500.10** **Fundamentals of Mental and Social Health Services:** This course, when developed, will help prepare students to continue their education toward becoming Mental and Social Health Services personnel by completing an appropriate postsecondary program.
- and-
- 51.1500.20** **Mental and Social Health Services - Advanced Applications:** This course, when developed, will help prepare students to continue their education toward becoming Mental and Social Health Services personnel by completing an appropriate postsecondary program.
- 51.1500.80** **Mental and Social Health Services - Cooperative Education:** **This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific program they have studied.**

Nursing Services

51.1600

The Nursing Services instructional program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of nursing assisting services. The Arizona State Board of Nursing must approve Certified Nursing Assistant programs. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with nursing assisting and the pathway into other careers in nursing. Students completing this program will have the opportunity to take the Arizona examination to become a Certified Nursing Assistant (I), and be prepared to participate in teams, solve problems, think critically and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience and leadership and personal development through the Career and Technical Student Organization. HOSA will be available as the Career and Technical Student Organization serving Health Careers Education.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Nursing Services standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.1600.10** **Fundamentals of Nursing Services:** This course prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of nursing assisting within the nursing profession.

- and-**
- 51.1600.20 Nursing Services - Advanced Applications:** This course prepares students to apply advanced academic and technical knowledge and skills related to nursing assisting in a variety of settings within the nursing profession.
- And program may elect to add:**
- 51.1600.80 Nursing Services - Cooperative Education:** This course utilizes cooperative education methodology to combine school-based and supervised work-based learning identified for students within the specific program of studies.

Performing Arts **50.0100**

Program sequence is under development.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 50.0100.10 Performing Arts Fundamentals:** Course description is under development.
- and-**
- 50.0100.20 Performing Arts I:** Course description is under development.
- and-**
- 50.0100.25 Performing Arts II:** Course description is under development.
- And program may elect to add:**
- 50.0100.80 Performing Arts - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based learning and supervised work-based learning experiences directly related to the standards for the Performing Arts program.

Telecommunications Maintenance and Installation **47.0100**

The Telecommunications Maintenance and Installation program is designed to prepare students to apply technical knowledge and skills to assemble, install, operate, maintain and repair one and two way communications equipment and systems, including television cable systems and mobile or stationary communication devices. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Telecommunications Maintenance and Installation occupations. In addition to the occupation related skills, students completing this program will develop advanced critical thinking, applied academics, interpersonal relations, life management, business, economic and leadership skills required for the 21st century workplace. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience and the Career and Technical Student Organization, SkillsUSA.

The following describes the recommended sequence of courses developed from industry-validated skills necessary for initial employment or continued related education. All the Career Preparation state-designated Telecommunications Maintenance and Installers standards are addressed in this instructional sequence.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 47.0100.10 Telecommunications Maintenance and Installation Fundamentals:** This course will introduce the basic components and principles involved in the assembly, operation, maintenance, repair, and installation of communications equipment and systems.
- and-**

- 47.0100.20** **Telecommunications Maintenance and Installation I:** This course offers the students the basics in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity and electronics as they relate to the repair and installation of communications systems.
- and-**
- 47.0100.25** **Telecommunications Maintenance and Installation II:** This course offers the students advanced knowledge, skill and instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity and electronics as they relate to the repair and installation of communications systems.
- And program may elect to add:**
- 47.0100.80** **Telecommunications Maintenance and Installation - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Telecommunications Maintenance and Installation program.

Therapeutic Massage

51.3500

The Therapeutic Massage instructional program prepares students to perform technical and clinical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of therapeutic massage. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with careers in this growing field. Students completing this program will be prepared to participate in teams, solve problems, think critically, and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, experiential learning, supervised clinical experience, and leadership and personal development through the Career and Technical Student Organization, HOSA.

The following describes the recommended sequence of courses. All the Career Preparation standards for Therapeutic Massage are under development.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 51.3500.10** **Fundamentals of Therapeutic Massage:** This course prepares students to apply academic and technical knowledge and skill of the Therapeutic Masseuse in a clinical, medical or retail setting or to continue into postsecondary education.
- and-**
- 51.3500.20** **Therapeutic Massage - Advanced Applications:** These courses prepare students to apply academic, technical knowledge and skills of the therapeutic masseuse in a clinical, medical or retail setting or to continue into postsecondary education.
- And program may elect to add:**
- 51.3500.80** **Therapeutic Massage - Cooperative Education:** This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for students within the specific program they have studied.

Welding Technology **48.0500**

The Welding Technology program is designed to prepare students for employment welding. The curriculum provides individuals with critical thinking, career development, life management, business, economic and leadership skills required for Welding Technology occupations. Welding Technology prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Includes instruction in arc welding, resistance welding, brazing and soldering, cutting, high-energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards.

The following describes the recommended courses developed from industry-validated skills necessary for initial employment or continued related education.

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

- 48.0500.10** **Welding Technology Core Curriculum:** Instruction includes career planning, preparing for employment, work-based learning, oral and written communication skills, understanding the role of small businesses and financial management, workplace leadership styles and leadership development. The program is designed and delivered as a coherent sequence of experiences using technical instruction, experiential learning, supervised occupational experience, leadership and personal development through the career and technical student organization.
- and-**
- 48.0500.20** **Welding Technology I:** Prepares individuals to apply basic technical knowledge and skills to join or cut metal surfaces. Includes instruction in blueprint reading, arc welding, brazing soldering, cutting, safety, and applicable codes and standards.
- and-**
- 48.0500.25** **Welding Technology II:** This course prepares individuals to apply advanced technical knowledge and skills using a variety of welding techniques and equipment. Instruction includes Welding and Cutting Theory, Inspection and Testing, Electrical Fundamentals, Drawing and Welding Symbols, Fabrication Principles and Practices and Safety.
- And program may elect to add:**
- 48.0500.80** **Welding Technology - Cooperative Education:** This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Welding Technology program.

2007-2008 Course Approval Form Joint Technological Education Districts

Name of Joint Technological District: _____

Contact Person: _____ **Phone:** _____ **Email:** _____

Program Name: _____ **Program CIP:** _____

For ADE Use Only

Course approval Check list

Approval Status

Action Needed

A= Approved, CA=Conditionally Approved, NA= Not Approved

Uses approved program standards:

__A __CA __NA

- *Approved ADE Career and Technical Education Program Standards (Explanation of how the standards are enhanced and taught at a higher level than in a non-JTED comprehensive high school CTE program must be submitted to ADE)*
- *Post Secondary Standards leading to a degree or certification (List of Standards must be submitted to ADE)*
- *Other Standards based on labor market needs (Determining labor market data and list of standards must be submitted to ADE)*

Uses industry validated curriculum

__A __CA __NA

- Curriculum used to teach the standards in this program must be specifies.
- Curriculum used to teach the standards exceeds the curriculum used in a non-JTED comprehensive high school CTE program must be evident

End of program assessment or certification available for students

 A **CA** **NA**

- End of Program Assessment must be Specified
- Certification must be specified

Requires specialized equipment or instructional materials

 A **CA** **NA**

- Specialized equipment specified
- Specialized instructional materials specified

Has appropriately certified instructor for each course

 A **CA** **NA**

- Instructor holds valid State Board of Education Career and Technical Education certification
- Instructor holds valid Community College Career and Technical Education certification

- All courses listed on the application are approved**
- All courses listed on the application are conditionally approved**
- Courses listed below are not approved**

Course

Rational for Unapproved Courses

Signature of ADE Reviewer

Date of Review



**State of Arizona
Department of Education**

Tom Horne
Superintendent of
Public Instruction

April 9, 2007

JTED Superintendent Name
JTED
Address
City, State Zip

Dear _____:

The 2007-2008 Joint Technological Education District Course Approval Applications have been reviewed and evaluated in accordance with the legislative requirements outlined in House Bill 2700. Enclosed are the Course Approval Forms for each program for which courses were submitted. Courses were reviewed and evaluated in the following ways:

- All courses offered in the program sequence may be “approved.”
- All courses offered in the program sequence may be “conditionally approved” indicating that additional information required by HB 2700 is needed in order to approve the course.
- Some courses offered in the program sequence may not meet the requirements outlined in HB 2700 and other courses do meet the requirements; therefore, some courses in a program sequence may be “approved” and other courses “not approved.”
- All courses offered in the program sequence may be “not approved” indicating that none of the courses meet the requirements outlined in HB 2700 (i.e. program does not appear on the **2008 CTE Program List** as approved by the Arizona State Board of Education.)

Programs or courses that received a “conditional approval” status should address the items listed under “Action Needed” in order to receive an “approved” status. State Supervisors for each of the program areas will work with JTED teachers and administrators throughout the 2007 fall semester to assist in bringing the “conditionally approved” programs and courses into fully “approved” status.

Every effort was made to evaluate the course applications based on the legislative requirements outlined in HB 2700 and entered into statute in 2006. However, if it is believed that a program or course was “not approved” in error an appeals process is being established. Information regarding the process of appeal will be disseminated to all Joint Technological Education District Superintendents in the near future.

Please review the enclosed Course Approval Forms and if you have questions regarding a specific course, or program sequence please contact the state supervisor of that program. If you have other questions please contact either Jan Brite 602-542-4365, Barbara Border 602-542-5358, or Milt Ericksen 602-542-5212.

Sincerely,

Barbara Border
Deputy Associate Superintendent
Career and Technical Education



**State of Arizona
Department of Education**

Tom Horne
Superintendent of
Public Instruction

Tuesday, September 11, 2007

Dr. XXXX XXX
Superintendent
JTED Name
Street Address
City, AZ ZIP Code

Dear Dr. XXXX:

On Tuesday, August 21, 2007 I meet with XXXXX, CTE Local Director at XXXXX High School, to address the following issues:

- ✘ Disapproval of courses outlined in the JTED Application
- ✘ Changing courses listed in the JTED Application under Graphic Communications to the Information Technology program.

Upon completion of our discussion the following changes need to be made to the JTED Application, which have my approval:

- ✘ 10.0300.21 Approved as 15.1200.10
- ✘ 10.0300.26 Approved as 15.1200.50
- ✘ 10.0300.20 Approved as 10.0300.10
- ✘ 10.0300.25 Approved as 10.0300.31
- ✘ 10.0300.30, 10.0300.35 and 10.0300.40 move from Conditionally Approved to Approved
- ✘ Uses industry validated curriculum section moves from Conditionally Approved to Approved
- ✘ Requires specialized equipment or instructional materials moves from Conditionally Approved to Approved
- ✘ Has appropriately certified instructor for each course moves from Conditionally Approved to Approved.

If there are any questions or concerns please feel free to call or e-mail me at anytime.

Sincerely,

Shea Padilla

Shea Padilla
Marketing & Industrial Technologies State Supervisor
(602) 542-5049
spadill@ade.az.gov

Joint Career and Technological Education District (JTED) Course and Program Appeals Process

ADE-CTE JTED Application Processes

Applications for new and continuing JTED programs and courses are submitted to the ADE-CTE Section no later than December 31, each school year for the approval process. ADE-CTE has 120 days to make determinations about approvals. (ARS 15-393)

ADE-CTE Section reviews and makes a decision related to the status of the JTED program and each course. One of three decisions may be determined:

- Full approval of the program and each course for full funding for the year, without further review by ADE-CTE.
- Conditional approval, with full funding for the year, with a review of the program and courses on site by a CTE program representative to receive full approval for the following year or non-approval for the next year.
- Non-approval of the program or one of the courses. This program and related courses are not eligible for funding for the year submitted. The program and each course may be resubmitted the following year, or the decision of non-approval may be appealed, using the following processes.

Process for JTED Appeals for Non-Approval of Programs or Courses

State Board of Career and Technological Education Advisory Committee Review and Recommendations Processes

- JTED submits a request to appeal to the State Board office or its delegated entity, the ADE-CTE decision of non-approval for a program or course within 10 days* of the notice of disapproval from ADE-CTE.
- The State Board of Career and Technological Education Advisory Committee along with the State Board Representative to this Committee will appoint a group of three to five individuals to serve on the Appeals Review Panel. Individuals selected will have no conflict of interest with any of the Appeals to be heard.
- The JTED Appeals Review Panel will utilize the JTED Legislation in ARS 15-391 and the processes identified therein related to the ADE-CTE program approval processes as the guidelines for their *recommendations* to uphold non-approval or to grant approval of the appeal.

JTED courses:

- lead toward a specific career, vocation or industry;
- are taught by an instructor certified to teach by Career and Technical Education by the State Board of Education or a postsecondary education institution;
- require specialized equipment or specialized instruction materials above and beyond the scope and cost of a standard CTE course;
- require students to obtain a passing score on an examination that demonstrates a level of skill or competency for that program of study that is accepted by a vocation or an industry;
- are offered for students in grades nine, 10, 11 and 12;

- are approved by JTED governing board; and
- meet standards of a career preparatory Career and Technical Education Program as determined by the Career and Technical Education Section of the Arizona Department of Education. These standards include—
 - Courses are part of a program identified on the FY2008 CTE Program List approved by the State Board of Career and Technical Education for FY 08-09, or future lists as approved,
 - Sufficient staff, equipment and facilities are in place to implement courses and program,
 - Program standards addressed in a coherent sequence of courses, including integration of appropriate academic standards, utilizing industry-validated standards that lead to technical assessments,
 - Programs provide for articulation with advanced postsecondary education or career placement.
- If the Appeals Review Panel determines that they wish to hear or review written information from ADE, CTE, and the JTED, they request that both entities submit further information, be present to answer questions, or to make presentations.
- The State Board of Career and Technological Education Advisory Committee Appeals Review Panel will make a recommendation for approval or disapproval of the JTED program and/or courses. This recommendation will be forwarded within 10 days to the State Board of Career and Technological Education for their final action.

State Board of Career and Technological Education Actions

- The State Board of Career and Technological Education may review the recommendations of the Advisory Committee Appeals Review Panel related to each JTED Appeal.
- The State Board may place the item recommended for approval by the Appeals Review Panel on the Consent Agenda for the next regularly scheduled Board meeting, abiding with the timelines set for items to be considered.
- If the recommendation of Appeals Review Panel is to disapprove the JTED Appeal, the JTED may request within 10 days that the item be placed on the State Board agenda for further review and action of the next regularly scheduled State Board meeting, abiding with the timelines set for items to be considered.
 - The State Board will determine if they wish to review written materials or hear testimony before making the final decision and action related to the Appeal.
- The decisions by the State Board of Career and Technological Education will be final.
- Final notification will be provided to the JTED in writing within 15 days of the Board meeting where final action has been taken. A copy of the decision will also be forwarded to ADE-CTE for their appropriate actions.

*This timeframe FY 2007-08 is non-applicable.

CAVIAT FY 2006 CTE Placement Rate 1 for SY2005-2006

Rate #1: **Related placements over concentrators who graduated**
Students may concentrate in one or more programs

CAVIAT
 MAIN=0

| Program | Description | Coconino | Flagstaff | Fredonia | Grand Canyon | Page | Sinagua | Williams | Total | Rate#1 |
|---------------|----------------------------------|----------|-----------|----------|--------------|------|---------|----------|-------|--------|
| 030200 | Renew Natural Resources | | | | | | | | | |
| | Placements | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 50% |
| | Graduates | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 100200 | Audio/Visual Tech | | | | | | | | | |
| | Placements | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 14% |
| | Graduates | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 14 | |
| 100300 | Graphic Communications | | | | | | | | | |
| | Placements | 5 | 0 | 0 | 0 | 11 | 0 | 0 | 16 | 31% |
| | Graduates | 9 | 0 | 0 | 0 | 42 | 0 | 0 | 51 | |
| 120500 | Culinary | | | | | | | | | |
| | Placements | 2 | 7 | 0 | 2 | 16 | 0 | 4 | 31 | 21% |
| | Graduates | 23 | 47 | 0 | 5 | 49 | 13 | 8 | 145 | |
| 131200 | Education Professions | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 50% |
| | Graduates | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | |
| 131210 | Early Childhood Education | | | | | | | | | |
| | Placements | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 5 | 19% |
| | Graduates | 6 | 19 | 0 | 0 | 0 | 2 | 0 | 27 | |
| 150300 | Electronics Tech | | | | | | | | | |
| | Placements | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 17% |
| | Graduates | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | |
| 151200 | Information Tech | | | | | | | | | |
| | Placements | 0 | 0 | 1 | 0 | 12 | 0 | 0 | 13 | 48% |
| | Graduates | 0 | 0 | 1 | 0 | 26 | 0 | 0 | 27 | |
| 151300 | Drafting and Design | | | | | | | | | |
| | Placements | 2 | 0 | 1 | 0 | 7 | 1 | 1 | 12 | 22% |
| | Graduates | 11 | 8 | 1 | 0 | 19 | 9 | 6 | 54 | |
| 430100 | Law Public Safety | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | |
| 460200 | Carpentry | | | | | | | | | |
| | Placements | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 5 | 16% |
| | Graduates | 0 | 0 | 4 | 0 | 15 | 13 | 0 | 32 | |
| 460400 | Construction Tech | | | | | | | | | |
| | Placements | 2 | 0 | 1 | 0 | 7 | 0 | 3 | 13 | 18% |
| | Graduates | 34 | 13 | 4 | 0 | 15 | 0 | 6 | 72 | |
| 470600 | Automotive Tech | | | | | | | | | |
| | Placements | 7 | 2 | 0 | 0 | 8 | 1 | 0 | 18 | 15% |
| | Graduates | 52 | 15 | 0 | 0 | 40 | 15 | 0 | 122 | |
| 480500 | Welding Tech | | | | | | | | | |
| | Placements | 2 | 2 | 1 | 0 | 9 | 2 | 0 | 16 | 17% |
| | Graduates | 36 | 18 | 4 | 0 | 31 | 7 | 0 | 96 | |
| 511600 | Nursing | | | | | | | | | |
| | Placements | 0 | 1 | 0 | 0 | 20 | 0 | 0 | 21 | 54% |
| | Graduates | 0 | 4 | 0 | 0 | 35 | 0 | 0 | 39 | |
| 520200 | BMAS | | | | | | | | | |
| | Placements | 1 | 0 | 0 | 0 | 4 | 0 | 4 | 9 | 26% |
| | Graduates | 7 | 0 | 0 | 0 | 16 | 0 | 12 | 35 | |

CAVIAT CONTINUED

| Program | Description | Coconino | Flagstaff | Fredonia | Grand Canyon | Page | Sinagua | Williams | Total | Rate#1 |
|---------------|-------------------------------|----------|-----------|----------|--------------|------|---------|----------|-------|--------|
| 520300 | Accounting Services | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 7 | 39% |
| | Graduates | 0 | 0 | 0 | 0 | 12 | 6 | 0 | 18 | |
| 520400 | Admin Info Services | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 33% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | |
| 520900 | Hospitality Management | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 6 | |
| 521800 | Marketing Management | | | | | | | | | |
| | Placements | 0 | 6 | 4 | 0 | 0 | 0 | 0 | 10 | 32% |
| | Graduates | 0 | 25 | 6 | 0 | 0 | 0 | 0 | 31 | |
| 521900 | Design and Marketing | | | | | | | | | |
| | Placements | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 5% |
| | Graduates | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 20 | |

CAVIT FY 2006 CTE Placement Rate 1 for SY 2005-2006

Rate #1: Related placements over concentrators who graduated

Students may concentrate in one or more programs

CAVIT
MAIN=0

| Program | Description | Casa Grande | Coolidge | Florence | Maricopa | Total | Rate #1 |
|---------------|----------------------------------|-------------|----------|----------|----------|-------|---------|
| 010300 | Agriscience | | | | | | |
| | Placements | 4 | 3 | 0 | 0 | 7 | 44% |
| | Graduates | 11 | 5 | 0 | 0 | 16 | |
| 100200 | Audio/Visual Tech | | | | | | |
| | Placements | 1 | 0 | 0 | 0 | 1 | 20% |
| | Graduates | 1 | 2 | 2 | 0 | 5 | |
| 100300 | Graphic Communications | | | | | | |
| | Placements | 19 | 3 | 0 | 0 | 22 | 26% |
| | Graduates | 78 | 4 | 2 | 1 | 85 | |
| 120400 | Cosmetology | | | | | | |
| | Placements | 0 | 0 | 2 | 0 | 2 | 33% |
| | Graduates | 0 | 3 | 3 | 0 | 6 | |
| 120500 | Culinary | | | | | | |
| | Placements | 11 | 3 | 1 | 0 | 15 | 15% |
| | Graduates | 84 | 9 | 1 | 5 | 99 | |
| 131200 | Education Professions | | | | | | |
| | Placements | 1 | 1 | 0 | 0 | 2 | 33% |
| | Graduates | 1 | 5 | 0 | 0 | 6 | |
| 131210 | Early Childhood Education | | | | | | |
| | Placements | 13 | 1 | 0 | 0 | 14 | 26% |
| | Graduates | 53 | 1 | 0 | 0 | 54 | |
| 150600 | Industrial Mfg | | | | | | |
| | Placements | 0 | 1 | 0 | 0 | 1 | 100% |
| | Graduates | 0 | 1 | 0 | 0 | 1 | |

CAVIT CONTINUED

| Program | Description | Casa Grande | Coolidge | Florence | Maricopa | Total | Rate #1 |
|--------------------------------------|-------------|-------------|----------|----------|----------|-------|---------|
| 151200 Information Tech | | | | | | | |
| | Placements | 12 | 4 | 0 | 0 | 16 | 53% |
| | Graduates | 24 | 6 | 0 | 0 | 30 | |
| 151300 Drafting and Design | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 3 | 0 | 0 | 0 | 3 | |
| 430100 Law Public Safety | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 1 | 0 | 1 | |
| 460200 Carpentry | | | | | | | |
| | Placements | 2 | 0 | 0 | 0 | 2 | 11% |
| | Graduates | 18 | 0 | 0 | 0 | 18 | |
| 460400 Construction Tech | | | | | | | |
| | Placements | 7 | 3 | 3 | 0 | 13 | 50% |
| | Graduates | 14 | 5 | 7 | 0 | 26 | |
| 470600 Automotive Tech | | | | | | | |
| | Placements | 12 | 5 | 1 | 0 | 18 | 41% |
| | Graduates | 35 | 8 | 1 | 0 | 44 | |
| 510800 Allied Health Services | | | | | | | |
| | Placements | 2 | 5 | 3 | 3 | 13 | 59% |
| | Graduates | 5 | 5 | 7 | 5 | 22 | |
| 511600 Nursing | | | | | | | |
| | Placements | 3 | 0 | 0 | 0 | 3 | 43% |
| | Graduates | 7 | 0 | 0 | 0 | 7 | |
| 520200 BMAS | | | | | | | |
| | Placements | 13 | 8 | 1 | 0 | 22 | 71% |
| | Graduates | 19 | 10 | 1 | 1 | 31 | |
| 520300 Accounting Services | | | | | | | |
| | Placements | 6 | 0 | 0 | 0 | 6 | 75% |
| | Graduates | 8 | 0 | 0 | 0 | 8 | |
| 520900 Hospitality Management | | | | | | | |
| | Placements | 4 | 0 | 0 | 0 | 4 | 22% |
| | Graduates | 18 | 0 | 0 | 0 | 18 | |
| 521800 Marketing Management | | | | | | | |
| | Placements | 54 | 0 | 0 | 0 | 54 | 93% |
| | Graduates | 58 | 0 | 0 | 0 | 58 | |

CTD FY 2006 CTE Placement Rate 1 for SY 2005-2006

Rate #1: **Related placements over concentrators who graduated**
Students may concentrate in one or more programs

CTD
 MAIN=0

| Program | Description | Benson | Douglas | San Simon | St. David | Tombstone | Valley Union | Wilcox | Total | Rate #1 |
|---------------------------------------|-------------|--------|---------|-----------|-----------|-----------|--------------|--------|-------|---------|
| 010300 Agriscience | | | | | | | | | | |
| | Placement | 7 | 0 | 0 | 3 | 0 | 7 | 0 | 17 | 74% |
| | Graduates | 7 | 0 | 0 | 8 | 0 | 8 | 0 | 23 | |
| 030200 Renew Natural Resources | | | | | | | | | | |
| | Placement | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 3 | 25% |
| | Graduates | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 12 | |

| | | CTD CONTINUED | | | | | | | | |
|---------------|----------------------------------|---------------|---------|-----------|-----------|-----------|--------------|--------|-------|---------|
| Program | Description | Benson | Douglas | San Simon | St. David | Tombstone | Valley Union | Wilcox | Total | Rate #1 |
| 100200 | Audio/Visual Tech | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | |
| 100300 | Graphic Communications | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 8 | 44% |
| | Graduates | 0 | 5 | 0 | 8 | 5 | 0 | 0 | 18 | |
| 120500 | Culinary | | | | | | | | | |
| | Placement | 7 | 5 | 0 | 3 | 2 | 0 | 0 | 17 | 57% |
| | Graduates | 9 | 10 | 0 | 4 | 7 | 0 | 0 | 30 | |
| 131200 | Education Professions | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 | 58% |
| | Graduates | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 12 | |
| 131210 | Early Childhood Education | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 33% |
| | Graduates | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | |
| 151200 | Information Tech | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 75% |
| | Graduates | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | |
| 151300 | Drafting and Design | | | | | | | | | |
| | Placement | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 42% |
| | Graduates | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 12 | |
| 460200 | Carpentry | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 15% |
| | Graduates | 0 | 0 | 0 | 0 | 3 | 0 | 10 | 13 | |
| 460400 | Construction Tech | | | | | | | | | |
| | Placement | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 7 | 47% |
| | Graduates | 10 | 2 | 0 | 0 | 3 | 0 | 0 | 15 | |
| 470600 | Automotive Tech | | | | | | | | | |
| | Placement | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 80% |
| | Graduates | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | |
| 480500 | Welding Tech | | | | | | | | | |
| | Placement | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 33% |
| | Graduates | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | |
| 511600 | Nursing | | | | | | | | | |
| | Placement | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 12 | 55% |
| | Graduates | 14 | 0 | 0 | 8 | 0 | 0 | 0 | 22 | |
| 520200 | BMAS | | | | | | | | | |
| | Placement | 9 | 0 | 0 | 0 | 21 | 0 | 1 | 31 | 51% |
| | Graduates | 26 | 0 | 0 | 0 | 30 | 0 | 5 | 61 | |
| 520300 | Accounting Services | | | | | | | | | |
| | Placement | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 92% |
| | Graduates | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | |
| 520400 | Admin Info Services | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 7 | 88% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 | |
| 521800 | Marketing Management | | | | | | | | | |
| | Placement | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 6 | 35% |
| | Graduates | 0 | 11 | 0 | 6 | 0 | 0 | 0 | 17 | |

CVIT FY 2006 CTE Placement Rate 1 for SY 2005-2006

CVIT
MAIN=0

Rate #1: Related placements over concentrators who graduated

Students may concentrate in one or more programs

| Program | Description | Hayden | Miami | San Carlos | Superior | Total | Rate#1 |
|---|-------------|--------|-------|------------|----------|-------|--------|
| 120500 Culinary | Placement | 0 | 0 | 0 | 3 | 3 | 23% |
| | Graduates | 0 | 0 | 0 | 13 | 13 | |
| 131210 Early Childhood Education | Placement | 0 | 2 | 0 | 0 | 2 | 50% |
| | Graduates | 0 | 4 | 0 | 0 | 4 | |
| CVIT CONTINUED | | | | | | | |
| 151200 Information Tech | Placement | 0 | 1 | 0 | 0 | 1 | 100% |
| | Graduates | 0 | 1 | 0 | 0 | 1 | |
| 151300 Drafting and Design | Placement | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 4 | 0 | 4 | |
| 430200 Fire Science | Placement | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 1 | 0 | 0 | 1 | |
| 460400 Construction Tech | Placement | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 1 | 0 | 1 | |
| 480500 Welding Tech | Placement | 0 | 1 | 0 | 0 | 1 | 50% |
| | Graduates | 0 | 2 | 0 | 0 | 2 | |
| 511600 Nursing | Placement | 0 | 5 | 0 | 0 | 5 | 63% |
| | Graduates | 0 | 8 | 0 | 0 | 8 | |
| 520200 BMAS | Placement | 0 | 0 | 2 | 0 | 2 | 29% |
| | Graduates | 0 | 0 | 7 | 0 | 7 | |
| 521800 Marketing Management | Placement | 0 | 7 | 0 | 0 | 7 | 70% |
| | Graduates | 0 | 10 | 0 | 0 | 10 | |

EVIT MAIN & SATELLITES FY 2006 CTE Placement Rate 1 for SY 2005-2006

Rate #1: Related placements over concentrators who graduated

Students may concentrate in one or more programs

| Program | Description | EVIT MAIN | EVIT Apache Junction | EVIT Chandler | EVIT Fountain Hills | EVIT Gilbert | EVIT Higley | EVIT Mesa | EVIT Queen Creek | EVIT Scottsdale | EVIT Tempe | Total | Rate#1 |
|-------------------------------|-------------|--------------|----------------------------|------------------|---------------------------|-----------------|----------------|--------------|------------------------|--------------------|---------------|-------|--------|
| 010100 ABM-Agriscience | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | |
| 010300 Agriscience | Placements | 0 | 0 | 35 | 0 | 52 | 0 | 20 | 0 | 0 | 0 | 107 | 67% |
| | Graduates | 0 | 0 | 45 | 0 | 78 | 1 | 35 | 0 | 0 | 0 | 159 | |
| 010600 Horticulture | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 44% |
| | Graduates | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 9 | |

| EVIT MAIN & SATELLITES CONTINUED | | | | | | | | | | | | | |
|---|-------------|------|-----------------|----------|----------------|---------|--------|------|-------------|------------|-------|-------|--------|
| Program | Description | MAIN | Apache Junction | Chandler | Fountain Hills | Gilbert | Higley | Mesa | Queen Creek | Scottsdale | Tempe | Total | Rate#1 |
| 100200 Audio/Visual Tech | | | | | | | | | | | | | |
| | Placements | 4 | 0 | 40 | 2 | 12 | 3 | 0 | 0 | 15 | 0 | 76 | 55% |
| | Graduates | 39 | 0 | 50 | 6 | 16 | 5 | 0 | 0 | 21 | 0 | 137 | |
| 100300 Graphic Communications | | | | | | | | | | | | | |
| | Placements | 31 | 1 | 22 | 8 | 57 | 0 | 0 | 4 | 7 | 0 | 130 | 53% |
| | Graduates | 93 | 6 | 36 | 11 | 84 | 0 | 0 | 5 | 11 | 0 | 246 | |
| 120400 Cosmetology | | | | | | | | | | | | | |
| | Placements | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 55% |
| | Graduates | 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | |
| 120500 Culinary | | | | | | | | | | | | | |
| | Placements | 36 | 0 | 36 | 0 | 46 | 0 | 45 | 0 | 2 | 27 | 192 | 43% |
| | Graduates | 71 | 0 | 56 | 0 | 110 | 0 | 70 | 0 | 15 | 122 | 444 | |
| 131200 Education Professions | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 5 | 0 | 3 | 0 | 8 | 0 | 0 | 0 | 16 | 84% |
| | Graduates | 0 | 0 | 6 | 0 | 5 | 0 | 8 | 0 | 0 | 0 | 19 | |
| 131210 Early Childhood Education | | | | | | | | | | | | | |
| | Placements | 12 | 3 | 21 | 2 | 17 | 0 | 9 | 0 | 0 | 33 | 97 | 47% |
| | Graduates | 41 | 7 | 23 | 6 | 33 | 0 | 9 | 0 | 0 | 89 | 208 | |
| 150300 Electronics Tech | | | | | | | | | | | | | |
| | Placements | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 | 35% |
| | Graduates | 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 20 | |
| 151200 Information Tech | | | | | | | | | | | | | |
| | Placements | 11 | 0 | 30 | 0 | 26 | 0 | 0 | 0 | 11 | 26 | 104 | 45% |
| | Graduates | 62 | 0 | 45 | 0 | 39 | 0 | 0 | 0 | 19 | 67 | 232 | |
| 151300 Drafting and Design | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 12 | 5 | 1 | 0 | 0 | 2 | 14 | 2 | 36 | 65% |
| | Graduates | 0 | 0 | 14 | 6 | 2 | 0 | 0 | 2 | 28 | 3 | 55 | |
| 430100 Law Public Safety | | | | | | | | | | | | | |
| | Placements | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 18% |
| | Graduates | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | |
| 430200 Fire Science | | | | | | | | | | | | | |
| | Placements | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 52% |
| | Graduates | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | |
| 460200 Carpentry | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 7 | 0 | 6 | 0 | 6 | 3 | 0 | 0 | 22 | 63% |
| | Graduates | 0 | 0 | 9 | 0 | 12 | 1 | 8 | 5 | 0 | 0 | 35 | |
| 460400 Construction Tech | | | | | | | | | | | | | |
| | Placements | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 15 | 15% |
| | Graduates | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 97 | |
| 470600 Automotive Tech | | | | | | | | | | | | | |
| | Placements | 46 | 0 | 13 | 0 | 15 | 0 | 0 | 0 | 0 | 15 | 89 | 33% |
| | Graduates | 118 | 0 | 25 | 0 | 38 | 0 | 0 | 0 | 0 | 88 | 269 | |
| 480500 Welding Tech | | | | | | | | | | | | | |
| | Placements | 29 | 3 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 39 | 46% |
| | Graduates | 62 | 14 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 85 | |
| 510800 Allied Health Services | | | | | | | | | | | | | |
| | Placements | 24 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 45% |
| | Graduates | 58 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 65 | |
| 511600 Nursing | | | | | | | | | | | | | |
| | Placements | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 68 | 61% |
| | Graduates | 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 111 | |

| EVIT MAIN & SATELLITES CONTINUED | | | | | | | | | | | | | |
|--------------------------------------|-------------|------|--------|----------|----------|---------|--------|------|-------|------------|-------|-------|--------|
| Program | Description | MAIN | Apache | Chandler | Fountain | Gilbert | Higley | Mesa | Queen | Scottsdale | Tempe | Total | Rate#1 |
| 520200 BMAS | | | | | | | | | | | | | |
| | Placements | 11 | 2 | 41 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 56 | 66% |
| | Graduates | 27 | 3 | 50 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 85 | |
| 520300 Accounting Services | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 4 | 14 | 24 | 59% |
| | Graduates | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 5 | 30 | 41 | |
| 520400 Admin Info Services | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | |
| 520800 Financial Services | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 100% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | |
| 520900 Hospitality Management | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 2 | 0 | 12 | 75% |
| | Graduates | 0 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 6 | 0 | 16 | |
| 521800 Marketing Management | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 58 | 1 | 40 | 3 | 41 | 2 | 12 | 67 | 224 | 63% |
| | Graduates | 0 | 0 | 75 | 1 | 54 | 6 | 82 | 3 | 20 | 115 | 356 | |
| 521900 Design and Marketing | | | | | | | | | | | | | |
| | Placements | 21 | 0 | 7 | 0 | 13 | 0 | 12 | 6 | 0 | 9 | 68 | 49% |
| | Graduates | 48 | 0 | 15 | 0 | 28 | 0 | 12 | 7 | 0 | 30 | 140 | |

GIFT FY 2006 CTE Placement Rate 1 for SY 2005-2006

Rate #1: Related placements over concentrators who graduated
Students may concentrate in one or more programs

GIFT
 MAIN=0

| Program | Description | Duncan | Ft Thomas | Mt Graham | Pima | Safford | Thatcher | Total | Rate#1 |
|---|-------------|--------|-----------|-----------|------|---------|----------|-------|--------|
| 010100 ABM-Agriscience | | | | | | | | | |
| | Placements | 0 | 4 | 0 | 0 | 17 | 0 | 21 | 75% |
| | Graduates | 0 | 9 | 0 | 0 | 19 | 0 | 28 | |
| 010300 Agriscience | | | | | | | | | |
| | Placements | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 100% |
| | Graduates | 7 | 0 | 0 | 0 | 0 | 0 | 7 | |
| 100300 Graphic Communications | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 5 | 9 | 2 | 16 | 76% |
| | Graduates | 0 | 0 | 0 | 6 | 13 | 2 | 21 | |
| 120400 Cosmetology | | | | | | | | | |
| | Placements | 0 | 1 | 0 | 1 | 6 | 5 | 13 | 81% |
| | Graduates | 0 | 1 | 0 | 1 | 6 | 8 | 16 | |
| 120500 Culinary | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 1 | 29 | 1 | 31 | 51% |
| | Graduates | 0 | 0 | 2 | 8 | 48 | 3 | 61 | |
| 131210 Early Childhood Education | | | | | | | | | |
| | Placements | 0 | 0 | 1 | 0 | 6 | 0 | 7 | 50% |
| | Graduates | 0 | 0 | 3 | 0 | 11 | 0 | 14 | |
| 151200 Information Tech | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 100% |
| | Graduates | 0 | 0 | 0 | 0 | 4 | 0 | 4 | |
| 151300 Drafting and Design | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 7 | 3 | 10 | 63% |
| | Graduates | 0 | 0 | 0 | 0 | 8 | 8 | 16 | |

| GIFT CONTINUED | | | | | | | | | |
|----------------|-------------------------------|--------|-----------|-----------|------|---------|----------|-------|--------|
| Program | Description | Duncan | Ft Thomas | Mt Graham | Pima | Safford | Thatcher | Total | Rate#1 |
| 430200 | Fire Science | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 4 | 4 | |
| 460200 | Carpentry | | | | | | | | |
| | Placements | 0 | 0 | 0 | 13 | 0 | 0 | 13 | 46% |
| | Graduates | 0 | 0 | 0 | 24 | 0 | 4 | 28 | |
| 460400 | Construction Tech | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 470600 | Automotive Tech | | | | | | | | |
| | Placements | 0 | 2 | 0 | 0 | 6 | 2 | 10 | 56% |
| | Graduates | 0 | 8 | 0 | 0 | 8 | 2 | 18 | |
| 480500 | Welding Tech | | | | | | | | |
| | Placements | 0 | 0 | 0 | 7 | 6 | 0 | 13 | 87% |
| | Graduates | 0 | 0 | 0 | 9 | 6 | 0 | 15 | |
| 510800 | Allied Health Services | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 8 | 0 | 8 | 89% |
| | Graduates | 0 | 0 | 0 | 0 | 9 | 0 | 9 | |
| 511600 | Nursing | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 60% |
| | Graduates | 0 | 0 | 0 | 0 | 4 | 1 | 5 | |
| 520200 | BMAS | | | | | | | | |
| | Placements | 0 | 1 | 0 | 9 | 3 | 10 | 23 | 68% |
| | Graduates | 0 | 2 | 0 | 9 | 4 | 19 | 34 | |
| 520300 | Accounting Services | | | | | | | | |
| | Placements | 0 | 0 | 0 | 2 | 7 | 0 | 9 | 75% |
| | Graduates | 0 | 0 | 0 | 4 | 8 | 0 | 12 | |
| 520400 | Admin Info Services | | | | | | | | |
| | Placements | 1 | 7 | 0 | 0 | 9 | 0 | 17 | 68% |
| | Graduates | 3 | 13 | 0 | 0 | 9 | 0 | 25 | |
| 521800 | Marketing Management | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 27 | 0 | 27 | 90% |
| | Graduates | 0 | 0 | 0 | 0 | 30 | 0 | 30 | |

There are no graduates at GIFT Main - students graduate from their member district

NATIVE FY 2006 CTE Placement Rate 1 for SY 2005-2006

Rate #1: Related placements over concentrators who graduated
Students may concentrate in one or more programs

| Program | Description | Chinle | Ganado | Monument Valley | Pinon | Red Mesa | Tuba City | Valley | Window Rock | Total | Rate#1 |
|---------------|--------------------------------|--------|--------|-----------------|-------|----------|-----------|--------|-------------|-------|--------|
| 010300 | Agriscience | | | | | | | | | | |
| | Placement | 1 | 0 | 5 | 2 | 10 | 0 | 0 | 0 | 18 | 53% |
| | Graduates | 4 | 0 | 15 | 5 | 10 | 0 | 0 | 0 | 34 | |
| 030200 | Renew Natural Resources | | | | | | | | | | |
| | Placement | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11% |
| | Graduates | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| 100200 | Audio/Visual Tech | | | | | | | | | | |
| | Placement | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 63% |
| | Graduates | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | |

| | | NATIVE CONTINUED | | | | | | | | | |
|---------------|----------------------------------|------------------|--------|--------------------|-------|-------------|--------------|--------|----------------|-------|--------|
| Program | Description | Chinle | Ganado | Monument Valley | Pinon | Red Mesa | Tuba City | Valley | Window Rock | Total | Rate#1 |
| 100300 | Graphic Communications | | | | | | | | | | |
| | Placement | 4 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 8 | 33% |
| | Graduates | 10 | 7 | 6 | 0 | 1 | 0 | 0 | 0 | 24 | |
| 120400 | Cosmetology | | | | | | | | | | |
| | Placement | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 38% |
| | Graduates | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | |
| 120500 | Culinary | | | | | | | | | | |
| | Placement | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6% |
| | Graduates | 4 | 16 | 0 | 0 | 0 | 15 | 0 | 0 | 35 | |
| 131200 | Education Professions | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 13% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 23 | |
| 131210 | Early Childhood Education | | | | | | | | | | |
| | Placement | 0 | 0 | 3 | 1 | 0 | 4 | 0 | 0 | 8 | 24% |
| | Graduates | 0 | 0 | 3 | 1 | 0 | 29 | 0 | 0 | 33 | |
| 150300 | Electronics Tech | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 33% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | |
| 151200 | Information Tech | | | | | | | | | | |
| | Placement | 5 | 3 | 48 | 0 | 0 | 0 | 0 | 0 | 56 | 72% |
| | Graduates | 5 | 10 | 60 | 0 | 0 | 0 | 3 | 0 | 78 | |
| 151300 | Drafting and Design | | | | | | | | | | |
| | Placement | 1 | 1 | 10 | 0 | 0 | 0 | 2 | 0 | 14 | 47% |
| | Graduates | 1 | 8 | 16 | 0 | 0 | 0 | 5 | 0 | 30 | |
| 430100 | Law Public Safety | | | | | | | | | | |
| | Placement | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 28% |
| | Graduates | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | |
| 460200 | Carpentry | | | | | | | | | | |
| | Placement | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 6 | 35% |
| | Graduates | 0 | 7 | 0 | 0 | 10 | 0 | 0 | 0 | 17 | |
| 460400 | Construction Tech | | | | | | | | | | |
| | Placement | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 2 | 17 | 35% |
| | Graduates | 11 | 0 | 0 | 5 | 0 | 22 | 0 | 10 | 48 | |
| 470600 | Automotive Tech | | | | | | | | | | |
| | Placement | 8 | 0 | 0 | 0 | 4 | 2 | 0 | 6 | 20 | 42% |
| | Graduates | 10 | 0 | 0 | 0 | 10 | 17 | 0 | 11 | 48 | |
| 480500 | Welding Tech | | | | | | | | | | |
| | Placement | 0 | 0 | 13 | 10 | 0 | 1 | 0 | 0 | 24 | 42% |
| | Graduates | 0 | 0 | 28 | 11 | 0 | 14 | 4 | 0 | 57 | |
| 510800 | Allied Health Services | | | | | | | | | | |
| | Placement | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 46% |
| | Graduates | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | |
| 520200 | BMAS | | | | | | | | | | |
| | Placement | 5 | 2 | 51 | 0 | 0 | 2 | 0 | 0 | 60 | 61% |
| | Graduates | 5 | 4 | 72 | 0 | 0 | 18 | 0 | 0 | 99 | |
| 520300 | Accounting Services | | | | | | | | | | |
| | Placement | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | 80% |
| | Graduates | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 15 | |
| 520400 | Admin Info Services | | | | | | | | | | |
| | Placement | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | 71% |
| | Graduates | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 14 | |

NATIVE CONTINUED

| Program | Description | Chinle | Ganado | Monument Valley | Pinon | Red Mesa | Tuba City | Valley | Window Rock | Total | Rate#1 |
|---------------|-------------------------------|--------|--------|-----------------|-------|----------|-----------|--------|-------------|-------|--------|
| 520900 | Hospitality Management | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 25% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | |
| 521800 | Marketing Management | | | | | | | | | | |
| | Placement | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 67% |
| | Graduates | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |

There are no graduates at NATIVE Main - students graduate from their member district

NAVIT FY 2006 CTE Placement Rate 1 for S2005-2006

NAVIT
MAIN=0

Rate #1: Related placements over concentrators who graduated
Students may concentrate in one or more programs

| Program | Description | Alchesay | Blue Ridge | Holbrook | Joseph City | Mogollon | Payson | Round Valley | Show Low | Snowflake | St Johns | Winslow | Total | Rate#1 |
|---------------|----------------------------------|----------|------------|----------|-------------|----------|--------|--------------|----------|-----------|----------|---------|-------|--------|
| 010300 | Agriscience | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 4 | 16 | 0 | 0 | 4 | 0 | 0 | 24 | 71% |
| | Graduates | 0 | 0 | 0 | 0 | 12 | 16 | 0 | 0 | 6 | 0 | 0 | 34 | |
| 030200 | Renew Natural Resources | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 9 | 82% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 11 | |
| 100200 | Audio/Visual Tech | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 2 | 6 | 17% |
| | Graduates | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 0 | 22 | 35 | |
| 100300 | Graphic Communications | | | | | | | | | | | | | |
| | Placements | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 2 | 22 | 25% |
| | Graduates | 0 | 9 | 0 | 0 | 5 | 0 | 0 | 18 | 15 | 21 | 19 | 87 | |
| 120400 | Cosmetology | | | | | | | | | | | | | |
| | Placements | 0 | 4 | 4 | 1 | 0 | 0 | 4 | 4 | 5 | 1 | 3 | 26 | 63% |
| | Graduates | 0 | 5 | 4 | 1 | 3 | 0 | 5 | 7 | 10 | 2 | 4 | 41 | |
| 120500 | Culinary | | | | | | | | | | | | | |
| | Placements | 2 | 3 | 0 | 5 | 1 | 2 | 0 | 8 | 0 | 3 | 0 | 24 | 41% |
| | Graduates | 4 | 11 | 0 | 10 | 3 | 2 | 0 | 17 | 0 | 12 | 0 | 59 | |
| 131200 | Education Professions | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 25% |
| | Graduates | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 5 | 8 | |
| 131210 | Early Childhood Education | | | | | | | | | | | | | |
| | Placements | 0 | 11 | 2 | 0 | 0 | 1 | 0 | 6 | 0 | 0 | 1 | 21 | 46% |
| | Graduates | 0 | 13 | 8 | 0 | 0 | 1 | 0 | 12 | 0 | 0 | 12 | 46 | |
| 151200 | Information Tech | | | | | | | | | | | | | |
| | Placements | 0 | 1 | 5 | 0 | 0 | 8 | 1 | 1 | 3 | 0 | 3 | 22 | 41% |
| | Graduates | 0 | 1 | 6 | 0 | 0 | 8 | 1 | 4 | 17 | 0 | 17 | 54 | |
| 151300 | Drafting and Design | | | | | | | | | | | | | |
| | Placements | 1 | 3 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 17 | 52% |
| | Graduates | 5 | 4 | 11 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 5 | 33 | |
| 430100 | Law Public Safety | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 36% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | |
| 430200 | Fire Science | | | | | | | | | | | | | |
| | Placements | 0 | 2 | 1 | 0 | 0 | 4 | 0 | 6 | 1 | 0 | 0 | 14 | 78% |
| | Graduates | 0 | 3 | 2 | 0 | 0 | 4 | 0 | 6 | 3 | 0 | 0 | 18 | |

| NAVIT CONTINUED | | | | | | | | | | | | | | |
|--------------------------------------|-------------|--------|------------|----------|-------------|----------|--------|--------------|----------|-----------|----------|---------|-------|--------|
| Program | Description | Alchey | Blue Ridge | Holbrook | Joseph City | Mogollon | Payson | Round Valley | Show Low | Snowflake | St Johns | Winslow | Total | Rate#1 |
| 010300 Agriscience | | | | | | | | | | | | | | |
| | Placements | 0 | 1 | 3 | 2 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 15 | 43% |
| | Graduates | 0 | 2 | 6 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 35 | |
| 460400 Construction Tech | | | | | | | | | | | | | | |
| | Placements | 0 | 4 | 5 | 4 | 0 | 13 | 1 | 1 | 3 | 3 | 1 | 35 | 49% |
| | Graduates | 1 | 7 | 6 | 10 | 0 | 13 | 1 | 3 | 6 | 5 | 19 | 71 | |
| 470600 Automotive Tech | | | | | | | | | | | | | | |
| | Placements | 0 | 3 | 2 | 3 | 0 | 15 | 2 | 0 | 0 | 2 | 0 | 27 | 47% |
| | Graduates | 0 | 5 | 15 | 11 | 0 | 15 | 5 | 0 | 1 | 6 | 0 | 58 | |
| 480500 Welding Tech | | | | | | | | | | | | | | |
| | Placements | 0 | 2 | 13 | 2 | 1 | 0 | 3 | 5 | 2 | 1 | 2 | 31 | 42% |
| | Graduates | 0 | 5 | 24 | 4 | 4 | 0 | 6 | 7 | 3 | 2 | 19 | 74 | |
| 510800 Allied Health Services | | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 100% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 511600 Nursing | | | | | | | | | | | | | | |
| | Placements | 0 | 7 | 3 | 3 | 2 | 7 | 4 | 8 | 8 | 1 | 4 | 47 | 66% |
| | Graduates | 0 | 10 | 6 | 3 | 3 | 8 | 4 | 13 | 17 | 2 | 5 | 71 | |
| 520200 BMAS | | | | | | | | | | | | | | |
| | Placements | 0 | 8 | 1 | 4 | 0 | 6 | 6 | 15 | 5 | 12 | 5 | 62 | 66% |
| | Graduates | 0 | 15 | 2 | 7 | 0 | 6 | 8 | 18 | 7 | 15 | 16 | 94 | |
| 520300 Accounting Services | | | | | | | | | | | | | | |
| | Placements | 0 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 10 | 59% |
| | Graduates | 0 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | |
| 520400 Admin Info Services | | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 520900 Hospitality Management | | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 521800 Marketing Management | | | | | | | | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 20% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | |
| 521900 Design and Marketing | | | | | | | | | | | | | | |
| | Placements | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 60% |
| | Graduates | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | |

There are no graduates at NAVIT Main - students graduate from their member district

VACTE FY 2006 CTE Placement Rate 1 for S2005-2006

Rate #1: Related placements over concentrators who graduated
Students may concentrate in one or more programs

VACTE
 MAIN=0

| Program | Description | VACTE MAIN | Camp Verde Alternative | Camp Verde | Mingus Union | Sedona Red Rock | Total | Rate#1 |
|---------------------------------|-------------|------------|------------------------|------------|--------------|-----------------|-------|--------|
| 010300 Agriscience | | | | | | | | |
| | Placements | 0 | 0 | 1 | 18 | 0 | 19 | 79% |
| | Graduates | 0 | 0 | 2 | 22 | 0 | 24 | |
| 100200 Audio/Visual Tech | | | | | | | | |
| | Placements | 0 | 0 | 0 | 2 | 0 | 2 | 100% |
| | Graduates | 0 | 0 | 0 | 2 | 0 | 2 | |

| Program | VACTE CONTINUED | | | | | | Total | Rate#1 |
|---------------|----------------------------------|------------|------------------------|------------|--------------|-----------------|------------|-------------|
| | Description | VACTE MAIN | Camp Verde Alternative | Camp Verde | Mingus Union | Sedona Red Rock | | |
| 100300 | Graphic Communications | | | | | | | |
| | Placements | 0 | 0 | 9 | 10 | 69 | 88 | 73% |
| | Graduates | 0 | 0 | 22 | 14 | 84 | 120 | |
| 131210 | Early Childhood Education | | | | | | | |
| | Placements | 0 | 0 | 0 | 19 | 0 | 19 | 79% |
| | Graduates | 0 | 0 | 0 | 24 | 0 | 24 | |
| 151200 | Information Tech | | | | | | | |
| | Placements | 0 | 0 | 0 | 6 | 0 | 6 | 67% |
| | Graduates | 0 | 0 | 1 | 8 | 0 | 9 | |
| 151300 | Drafting and Design | | | | | | | |
| | Placements | 0 | 0 | 1 | 6 | 0 | 7 | 88% |
| | Graduates | 0 | 0 | 2 | 6 | 0 | 8 | |
| 430100 | Law Public Safety | | | | | | | |
| | Placements | 0 | 0 | 0 | 19 | 14 | 33 | 79% |
| | Graduates | 0 | 0 | 0 | 23 | 19 | 42 | |
| 460200 | Carpentry | | | | | | | |
| | Placements | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 2 | 0 | 0 | 2 | |
| 460400 | Construction Tech | | | | | | | |
| | Placements | 0 | 0 | 0 | 4 | 0 | 4 | 57% |
| | Graduates | 0 | 0 | 0 | 7 | 0 | 7 | |
| 470600 | Automotive Tech | | | | | | | |
| | Placements | 0 | 0 | 0 | 4 | 0 | 4 | 50% |
| | Graduates | 0 | 0 | 0 | 8 | 0 | 8 | |
| 480500 | Welding Tech | | | | | | | |
| | Placements | 0 | 0 | 0 | 5 | 0 | 5 | 83% |
| | Graduates | 0 | 0 | 0 | 6 | 0 | 6 | |
| 510800 | Allied Health Services | | | | | | | |
| | Placements | 0 | 0 | 0 | 12 | 0 | 12 | 92% |
| | Graduates | 0 | 0 | 0 | 13 | 0 | 13 | |
| 511600 | Nursing | | | | | | | |
| | Placements | 0 | 0 | 0 | 13 | 0 | 13 | 100% |
| | Graduates | 0 | 0 | 0 | 13 | 0 | 13 | |
| 520200 | BMAS | | | | | | | |
| | Placements | 0 | 0 | 5 | 0 | 56 | 61 | 95% |
| | Graduates | 0 | 0 | 5 | 0 | 59 | 64 | |
| 520300 | Accounting Services | | | | | | | |
| | Placements | 0 | 0 | 0 | 4 | 0 | 4 | 67% |
| | Graduates | 0 | 0 | 0 | 6 | 0 | 6 | |

There are no graduates at VACTE Main - students graduate from their member district

WESTMEC FY 2006 CTE Placement Rate 1 for S2005-2006

VACTE
MAIN=0

Rate #1: Related placements over concentrators who graduated
Students may concentrate in one or more programs

| Program | Description | WESTMEC MAIN | Agua Fria USD | Buckeye UHSD | Deer Valley USD | Dysart USD | Glendale UHSD | Paradise Valley USD | Peoria USD | Saddle Mountain USD | Wickenburg USD | Total | Rate#1 |
|---------------|----------------------------------|-----------------|---------------------|-----------------|-----------------------|---------------|------------------|---------------------------|---------------|---------------------------|-------------------|-------|--------|
| 010100 | ABM-Agriscience | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 6 | 21% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 28 | |
| 010300 | Agriscience | | | | | | | | | | | | |
| | Placement | 0 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 50% |
| | Graduates | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | |
| 100200 | Audio/Visual Tech | | | | | | | | | | | | |
| | Placement | 0 | 1 | 0 | 2 | 7 | 0 | 0 | 18 | 0 | 0 | 28 | 22% |
| | Graduates | 0 | 3 | 0 | 45 | 17 | 0 | 0 | 64 | 0 | 0 | 129 | |
| 100300 | Graphic Communications | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 11 | 18% |
| | Graduates | 0 | 0 | 0 | 7 | 54 | 0 | 0 | 0 | 0 | 0 | 61 | |
| 120400 | Cosmetology | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 77% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 13 | |
| 120500 | Culinary | | | | | | | | | | | | |
| | Placement | 0 | 11 | 5 | 3 | 0 | 6 | 0 | 46 | 0 | 2 | 73 | 23% |
| | Graduates | 0 | 27 | 12 | 77 | 0 | 61 | 0 | 123 | 0 | 23 | 323 | |
| 131200 | Education Professions | | | | | | | | | | | | |
| | Placement | 0 | 10 | 0 | 0 | 4 | 12 | 0 | 25 | 0 | 0 | 51 | 60% |
| | Graduates | 0 | 11 | 1 | 0 | 11 | 17 | 0 | 45 | 0 | 0 | 85 | |
| 131210 | Early Childhood Education | | | | | | | | | | | | |
| | Placement | 0 | 9 | 0 | 2 | 6 | 4 | 0 | 32 | 0 | 0 | 53 | 20% |
| | Graduates | 0 | 33 | 3 | 65 | 29 | 15 | 0 | 121 | 0 | 0 | 266 | |
| 150300 | Electronics Tech | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 33% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | |
| 151200 | Information Tech | | | | | | | | | | | | |
| | Placement | 0 | 7 | 3 | 0 | 4 | 2 | 0 | 47 | 0 | 0 | 63 | 38% |
| | Graduates | 0 | 21 | 11 | 0 | 8 | 19 | 0 | 107 | 0 | 0 | 166 | |
| 151300 | Drafting and Design | | | | | | | | | | | | |
| | Placement | 0 | 2 | 10 | 2 | 5 | 13 | 0 | 27 | 0 | 0 | 59 | 29% |
| | Graduates | 0 | 4 | 36 | 19 | 8 | 43 | 0 | 93 | 0 | 0 | 203 | |
| 430100 | Law Public Safety | | | | | | | | | | | | |
| | Placement | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 23% |
| | Graduates | 0 | 19 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | |
| 430200 | Fire Science | | | | | | | | | | | | |
| | Placement | 0 | 0 | 2 | 3 | 0 | 4 | 0 | 3 | 0 | 0 | 12 | 19% |
| | Graduates | 0 | 0 | 9 | 8 | 0 | 17 | 0 | 28 | 0 | 0 | 62 | |
| 460200 | Carpentry | | | | | | | | | | | | |
| | Placement | 0 | 2 | 0 | 0 | 2 | 3 | 0 | 7 | 0 | 0 | 14 | 14% |
| | Graduates | 0 | 9 | 7 | 0 | 7 | 51 | 0 | 25 | 0 | 0 | 99 | |
| 460400 | Construction Tech | | | | | | | | | | | | |
| | Placement | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 21 | 35% |
| | Graduates | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 60 | |
| 470600 | Automotive Tech | | | | | | | | | | | | |
| | Placement | 0 | 0 | 6 | 0 | 10 | 2 | 0 | 24 | 0 | 0 | 42 | 23% |
| | Graduates | 0 | 0 | 14 | 0 | 31 | 15 | 0 | 122 | 0 | 0 | 182 | |

| WESTEMEC CONTINUED | | | | | | | | | | | | | |
|--------------------|-------------------------------|-----------------|--------------|---------|----------------|--------|----------|--------------------|--------|--------------------|------------|-----|-----|
| Program | Description | WESTMEC MAIN | Agua Fria | Buckeye | Deer Valley | Dysart | Glendale | Paradise Valley | Peoria | Saddle Mountain | Wickenburg | | |
| 480500 | Welding Tech | | | | | | | | | | | | |
| | Placement | 0 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 8 | 50% |
| | Graduates | 0 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 16 | |
| 510800 | Allied Health Services | | | | | | | | | | | | |
| | Placement | 0 | 9 | 1 | 0 | 18 | 0 | 0 | 40 | 0 | 0 | 68 | 52% |
| | Graduates | 0 | 16 | 3 | 0 | 33 | 0 | 0 | 78 | 0 | 0 | 130 | |
| 511600 | Nursing | | | | | | | | | | | | |
| | Placement | 0 | 13 | 7 | 18 | 5 | 73 | 0 | 13 | 0 | 0 | 129 | 50% |
| | Graduates | 0 | 19 | 10 | 33 | 8 | 153 | 0 | 37 | 0 | 0 | 260 | |
| 520200 | BMAS | | | | | | | | | | | | |
| | Placement | 0 | 14 | 20 | 0 | 4 | 0 | 0 | 12 | 0 | 0 | 50 | 38% |
| | Graduates | 0 | 32 | 43 | 0 | 8 | 0 | 0 | 50 | 0 | 0 | 133 | |
| 520300 | Accounting Services | | | | | | | | | | | | |
| | Placement | 0 | 0 | 7 | 6 | 0 | 13 | 0 | 19 | 0 | 0 | 45 | 35% |
| | Graduates | 0 | 0 | 13 | 27 | 0 | 32 | 0 | 57 | 0 | 0 | 129 | |
| 520400 | Admin Info Services | | | | | | | | | | | | |
| | Placement | 0 | 7 | 4 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 59 | 43% |
| | Graduates | 0 | 18 | 14 | 0 | 0 | 104 | 0 | 0 | 0 | 0 | 136 | |
| 520800 | Financial Services | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 14 | 37% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 38 | |
| 520900 | Hospitality Management | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| | Graduates | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 19 | 0 | 0 | 34 | |
| 521800 | Marketing Management | | | | | | | | | | | | |
| | Placement | 0 | 11 | 0 | 13 | 47 | 43 | 0 | 32 | 0 | 3 | 149 | 30% |
| | Graduates | 0 | 21 | 0 | 65 | 188 | 125 | 0 | 84 | 0 | 15 | 498 | |
| 521900 | Design and Marketing | | | | | | | | | | | | |
| | Placement | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 32% |
| | Graduates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 31 | |

There are no graduates at WESTMEC Main - students graduate from their member district

2006 – 2007 Cost Reporting Summaries

**2006-2007 JTED - CTD - 020801
Course Cost Aggregate Total**

| Number | Course Title | Aggregate Course Cost |
|------------|--|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$35,733 |
| 52.0300.20 | Acctg Systems and Related Srv | \$28,310 |
| 52.0200.30 | Admini Infor Mgmt | \$68,319 |
| 01.0100.12 | Agr Bus Mgmt - Appl Biological Sys | \$179,303 |
| 01.0100.10 | Agr Bus Mgmt-Intro Appl Biological Sys | \$187,455 |
| 01.0100.14 | Agr Bus Mgmt - Agriscience | \$85,948 |
| 01.0100.40 | Animal Systems Option C | \$162,898 |
| 15.1300.20 | Architectural Drafting Option A | \$38,908 |
| 47.0600.10 | Auto Tech Core Curr | \$73,090 |
| 47.0600.20 | Automotive Technology I Option A | \$138,922 |
| 52.0200.70 | Bus Mgmt/Admin Srv DCE | \$11,911 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$197,951 |
| 99.0400.10 | Business Mgmt Tech | \$106,417 |
| 52.0200.20 | Business Office Operations | \$105,639 |
| 46.0400.10 | Construction Tech Core Curri | \$158,963 |
| 46.0400.20 | Construction Tech I Option A | \$137,352 |
| 46.0400.30 | Construction Tech II Option A | \$48,188 |
| 12.0500.20 | Culinary Arts Applications | \$290,340 |
| 12.0500.10 | Culinary Arts Fundamentals | \$228,598 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$20,604 |
| 13.1200.20 | Early Childhood Education App | \$9,785 |
| 13.1200.80 | Early Childhood Education COOP | \$32,984 |
| 13.1200.10 | Early Childhood Education Fundtl | \$23,581 |
| 52.1800.30 | E-Commerce Mktg Option B | \$30,394 |
| 52.1800.50 | Entrepreneurship Option D | \$99,966 |
| 43.0200.80 | Fire Science COOP | \$92,600 |
| 15.0600.10 | Fundamentals of Industrial Mfg | \$39,558 |

Member Districts

| | |
|---------------|---------------|
| Benson USD | Tombstone USD |
| Bowie USD | Valley UHSD |
| Douglas USD | Willcox USD |
| San Simon USD | |
| St. David USD | |

| Number | Course Title | Aggregate Course Cost |
|--------------------|---|-----------------------|
| 10.0300.10 | Fundtl of Graphic Communications | \$58,220 |
| 15.1200.10 | Fundtls of Information Technology | \$152,462 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$67,141 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$111,039 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$44,850 |
| 10.0300.20 | Graphic Arts I Option A | \$161,464 |
| 10.0300.30 | Graphic Arts II Option A | \$94,224 |
| 10.0200.30 | Interactive Digital Media Option B | \$26,910 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$102,674 |
| 15.1300.50 | Mechanical Drafting Option D | \$72,116 |
| 52.1800.80 | Mktg, Mgmt and Entrepr COOP | \$48,787 |
| 01.0100.50 | Natl Renewable Resources Sys Option D | \$15,033 |
| 15.1200.30 | Network Technology Option B | \$18,446 |
| 51.1600.20 | Nursing Services Adv App | \$18,301 |
| 01.0100.30 | Plant Systems Option B | \$152,424 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$188,118 |
| 15.1200.50 | Web Page Development Option D | \$18,174 |
| 48.0500.10 | Welding Tech Core Curriculum | \$10,588 |
| 48.0500.20 | Welding Technology I Option A | \$21,176 |
| Grand Total | | \$4,015,864 |

**ESTIMATED AGGREGATE COURSE COST
Percent Expenditure by Cost Category**

| | <u>Mode</u> | <u>Median</u> | <u>Max</u> |
|--------------------|-------------|---------------|------------|
| Salaries | 54% | 51% | 72% |
| ERE | 14% | 12% | 19% |
| Purchased Services | 0% | 2% | 25% |
| Supplies | 6% | 6% | 33% |
| Rentals | 0% | 0% | 7% |
| Books & Inst Aids | 0% | 1% | 15% |
| Property | 0% | 0% | 25% |
| Equipment | 3% | 12% | 77% |
| Other | 0% | 7% | 86% |

2006-2007 JTED - CTD - 020801
Course Cost Aggregate Total

ADDITIONAL COST INFORMATION OR COMMENTS:

The avg. cost for one hour of course instruction is calculated on a semester basis. Regarding the construction program, the cost for that program for 06/07 was elevated due to a purchase of supplies to build a house. This elevated the cost by more than \$30,000. Regarding the nursing program, Benson Unified School District does not pay the salary for the instructor. Cochise College pays the salary.

Benson High School pays the student tuition and all overhead costs. Other includes: Utilities; JTED facility maintenance and custodial service; indirect costs; local director's salary and his office costs.

This report represents more than 120 hours of work by district business managers and others. It is a good faith effort to report the JTED course costs for 2006-2007. However, it must be pointed out that the "other" on the report was calculated differently by each district. It ranged from including utilities, facility maintenance, custodial services, facility insurance costs and indirect costs associated with the JTED courses to not include anything under "other."

Another concern is with "equipment." For example, the course cost for auto is surprisingly low. One of the reasons is that no major equipment was purchased for the programs in 2006-2007. The course costs do not reflect the thousands of dollars of equipment already in the auto shops.

In spite of the above concerns, this report on the JTED course costs for 2006-2007 is a best effort estimate on the part of many at each of the eight districts in the Cochise Technology District, as well as by those in the Cochise Technology District Office.

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CTD - 020801

Course Cost Aggregate Total

| Course Title | School | | | | | | | | Grand Total |
|--|----------|----------|-----------|-----------|-----------|-----------|--------------|----------|-------------|
| | Benson | Bowie | Douglas | San Simon | St. David | Tombstone | Valley Union | Willcox | |
| Accounting and Related Srv Tech | \$35,733 | | | | | | | | \$35,733 |
| Acctg Systems and Related Srv | \$28,310 | | | | | | | | \$28,310 |
| Admini Infor Mgmt | | | | | | \$34,683 | \$18,660 | \$14,976 | \$68,319 |
| Agr Bus Mgmt - Appl Biological Sys | \$18,526 | \$30,680 | \$21,356 | \$15,033 | \$16,316 | \$17,292 | \$14,140 | \$45,960 | \$179,303 |
| Agr Bus Mgmt - Intro Appl Biological Sys | \$18,526 | \$30,680 | \$21,056 | \$15,033 | \$16,316 | \$34,584 | \$28,280 | \$22,980 | \$187,455 |
| Agr Bus Mgmt - Agriscience | \$9,263 | | \$22,356 | \$15,033 | \$16,316 | | | \$22,980 | \$85,948 |
| Animal Systems Option C | \$55,578 | \$61,360 | | | | | | \$45,960 | \$162,898 |
| Architectural Drafting Option A | | | \$38,908 | | | | | | \$38,908 |
| Auto Tech Core Curr | | | \$39,514 | | | | | \$33,576 | \$73,090 |
| Automotive Technology I Option A | | | \$105,346 | | | | | \$33,576 | \$138,922 |
| Bus Mgmt/Admin Srv DCE | \$11,911 | | | | | | | | \$11,911 |
| Bus Mgmt/Admin Srv Fundtl | \$23,822 | | | | | \$52,025 | \$62,200 | \$59,904 | \$197,951 |
| Business Mgmt Tech | | | \$106,417 | | | | | | \$106,417 |
| Business Office Operations | | | | | | \$34,683 | \$55,980 | \$14,976 | \$105,639 |
| Construction Tech Core Curri | \$64,500 | | \$30,540 | | | \$63,923 | | | \$158,963 |
| Construction Tech I Option A | \$64,500 | | \$30,236 | | | \$42,616 | | | \$137,352 |
| Construction Tech II Option A | | | \$48,188 | | | | | | \$48,188 |
| Culinary Arts Applications | \$29,710 | | \$217,786 | | \$16,492 | \$26,352 | | | \$290,340 |
| Culinary Arts Fundamentals | \$44,565 | | \$124,697 | | \$32,984 | \$26,352 | | | \$228,598 |
| Draft/Design Tech Core Curriculum | | | \$20,604 | | | | | | \$20,604 |
| Early Childhood Education App | | | | | | \$9,785 | | | \$9,785 |
| Early Childhood Education COOP | | | | | \$32,984 | | | | \$32,984 |
| Early Childhood Education Fundtl | | | | \$13,796 | | \$9,785 | | | \$23,581 |
| E-Commerce Mktg Option B | | | | | \$30,394 | | | | \$30,394 |
| Entrepreneurship Option D | \$28,310 | | \$71,656 | | | | | | \$99,966 |
| Fire Science COOP | | | | | | | | \$92,600 | \$92,600 |
| Fundamentals of Industrial Mfg | | | | | | | | \$39,558 | \$39,558 |
| Fundtl of Graphic Communications | | | \$58,220 | | | | | | \$58,220 |
| Fundtls of Information Technology | | | \$103,622 | | \$30,394 | | | \$18,446 | \$152,462 |
| Fundtls of Law Public Safety & Secu | | | \$67,141 | | | | | | \$67,141 |
| Fundtls of Mktg, Mgmt and Entrepr | | | \$80,645 | | \$30,394 | | | | \$111,039 |
| Fundtls of Radio/Television Tech | | | | | | | | \$44,850 | \$44,850 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CTD - 020801

Course Cost Aggregate Total

| Course Title | School | | | | | | | | Grand Total |
|--------------------------------------|------------------|------------------|--------------------|-----------------|------------------|------------------|------------------|------------------|--------------------|
| | Benson | Bowie | Douglas | San Simon | St. David | Tombstone | Valley Union | Willcox | |
| Graphic Arts I Option A | | | \$161,464 | | | | | | \$161,464 |
| Graphic Arts II Option A | | | | | | \$94,224 | | | \$94,224 |
| Interactive Digital Media Option B | | | | | | | | \$26,910 | \$26,910 |
| Law Public Safety & Secu Adv App | | | \$102,674 | | | | | | \$102,674 |
| Mechanical Drafting Option D | | | \$72,116 | | | | | | \$72,116 |
| Mktg, Mgmt and Entrepr COOP | | | \$48,787 | | | | | | \$48,787 |
| Natl Renewable Resources Sys Opt D | | | | \$15,033 | | | | | \$15,033 |
| Network Technology Option B | | | | | | | | \$18,446 | \$18,446 |
| Nursing Services Adv App | \$12,244 | | | | \$6,057 | | | | \$18,301 |
| Plant Systems Option B | | | \$77,372 | | \$32,632 | | \$42,420 | | \$152,424 |
| Sports Med and Rehab Therapies Opt D | | | \$188,118 | | | | | | \$188,118 |
| Web Page Development Option D | | | | \$18,174 | | | | | \$18,174 |
| Welding Tech Core Curriculum | | | | | | | | \$10,588 | \$10,588 |
| Welding Technology I Option A | | | | | | | | \$21,176 | \$21,176 |
| Grand Total | \$445,498 | \$122,720 | \$1,858,819 | \$92,102 | \$261,279 | \$446,304 | \$221,680 | \$567,462 | \$4,015,864 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CVIT - 110802

Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|--------------------|---------------------------------------|-----------------------|
| 01.0100.10 | Agricultural Bus Mgmt-Intro App Biolo | \$9,313 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$9,313 |
| 99.0300.40 | Appl Biolog Sys - Food Sci | \$20,617 |
| 99.0300.20 | Appl Biological Sys - Ag | \$43,975 |
| 47.0600.20 | Automotive Technology I Option A | \$25,658 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$21,010 |
| 99.0400.10 | Business Mgmt Tech | \$52,360 |
| 52.0200.20 | Business Office Operations | \$21,010 |
| 10.0300.40 | Commercial Art I Option B | \$12,829 |
| 15.1200.20 | Computer Maintenance Option A | \$30,529 |
| 46.0400.10 | Construction Tech Core Curri | \$22,350 |
| 46.0400.20 | Construction Tech I Option A | \$14,900 |
| 12.0500.20 | Culinary Arts Applications | \$36,067 |
| 12.0500.80 | Culinary Arts COOP | \$15,450 |
| 12.0500.10 | Culinary Arts Fundamentals | \$36,067 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$26,550 |
| 15.1300.80 | Draft/Design Technology COOP | \$17,700 |
| 13.1200.10 | Early Childhood Education Fundtl | \$26,479 |
| 13.1500.10 | Education Professions Fundtl | \$25,658 |
| 43.0200.20 | Fire Science Adv App | \$4,423 |
| 43.0200.10 | Fundtl of Fire Science | \$4,423 |
| 15.1200.10 | FundtIs of Information Technology | \$39,379 |
| 43.0100.10 | FundtIs of Law Public Safety & Secu | \$17,575 |
| 52.1800.10 | FundtIs of Mktg, Mgmt and Entrepr | \$114,782 |
| 51.1600.10 | FundtIs of Nursing Svcs | \$26,773 |
| 99.0200.10 | Industrial Tech | \$12,829 |
| 99.0100.10 | Information Tech | \$38,487 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$17,575 |
| 99.0500.10 | Life Connections | \$81,024 |
| 52.1800.80 | Mktg, Mgmt and Entrepr COOP | \$22,658 |
| 51.1600.20 | Nursing Services Adv App | \$26,773 |
| 48.0500.10 | Welding Tech Core Curriculum | \$12,829 |
| 48.0500.30 | Welding Technology II Option A | \$12,829 |
| 48.0700.10 | Woodworking Fundamentals | \$20,100 |
| Grand Total | | \$920,292 |

ESTIMATED AGGREGATE COURSE COST

Percent Expenditure by Course Category

| | <u>MODE</u> | <u>MEDIAN</u> | <u>MAX</u> |
|--------------------|-------------|---------------|------------|
| Salaries | 62% | 57% | 65% |
| ERE | 16% | 14% | 16% |
| Purchased Services | 2% | 2% | 11% |
| Supplies | 3% | 5% | 23% |
| Rentals | 0% | 0% | 3% |
| Books & Inst Aids | 0% | 0% | 0% |
| Property | 0% | 0% | 0% |
| Equipment | 3% | 9% | 52% |
| Other | 14% | 14% | 34% |

Member Districts

Hayden-Winkelman USD
 Miami USD
 San Carlos USD
 Superior USD

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CVIT - 110802
Course Cost Aggregate Total

| Course Title | School | | | | Grand Total |
|---|----------------------|------------------|------------------|------------------|------------------|
| | Hayden-Winkleman USD | Miami USD | San Carlos USD | Superior USD | |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | | | \$9,313 | | \$9,313 |
| Agriculture Bus Mgmt - Agriscience | | | \$9,313 | | \$9,313 |
| Appl Biolog Sys - Food Sci | | | | \$20,617 | \$20,617 |
| Appl Biological Sys - Ag | | | \$43,975 | | \$43,975 |
| Automotive Technology I Option A | | \$25,658 | | | \$25,658 |
| Bus Mgmt/Admin Srv Fundtl | | | \$8,850 | \$12,160 | \$21,010 |
| Business Mgmt Tech | \$13,650 | | \$26,550 | \$12,160 | \$52,360 |
| Business Office Operations | | | \$8,850 | \$12,160 | \$21,010 |
| Commercial Art I Option B | | \$12,829 | | | \$12,829 |
| Computer Maintenance Option A | | \$12,829 | \$17,700 | | \$30,529 |
| Construction Tech Core Curri | | | \$22,350 | | \$22,350 |
| Construction Tech I Option A | | | \$14,900 | | \$14,900 |
| Culinary Arts Applications | | | \$15,450 | \$20,617 | \$36,067 |
| Culinary Arts COOP | | | \$15,450 | | \$15,450 |
| Culinary Arts Fundamentals | | | \$15,450 | \$20,617 | \$36,067 |
| Draft/Design Tech Core Curriculum | | | \$26,550 | | \$26,550 |
| Draft/Design Technology COOP | | | \$17,700 | | \$17,700 |
| Early Childhood Education Fundtl | \$13,650 | \$12,829 | | | \$26,479 |
| Education Professions Fundtl | | \$25,658 | | | \$25,658 |
| Fire Science Adv App | | \$4,423 | | | \$4,423 |
| Fundtl of Fire Science | | \$4,423 | | | \$4,423 |
| Fundtls of Information Technology | | \$12,829 | \$26,550 | | \$39,379 |
| Fundtls of Law Public Safety & Secu | | | | \$17,575 | \$17,575 |
| Fundtls of Mktg, Mgmt and Entrepr | | \$90,632 | | \$24,150 | \$114,782 |
| Fundtls of Nursing Svcs | | \$18,323 | \$8,450 | | \$26,773 |
| Industrial Tech | | \$12,829 | | | \$12,829 |
| Information Tech | | \$38,487 | | | \$38,487 |
| Law Public Safety & Secu Adv App | | | | \$17,575 | \$17,575 |
| Life Connections | \$13,650 | \$25,658 | \$30,900 | \$10,816 | \$81,024 |
| Mktg, Mgmt and Entrepr COOP | | \$22,658 | | | \$22,658 |
| Nursing Services Adv App | | \$18,323 | \$8,450 | | \$26,773 |
| Welding Tech Core Curriculum | | \$12,829 | | | \$12,829 |
| Welding Technology II Option A | | \$12,829 | | | \$12,829 |
| Woodworking Fundamentals | | | | \$20,100 | \$20,100 |
| Grand Total | \$40,950 | \$364,046 | \$326,750 | \$188,546 | \$920,292 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CAVIAT - 030801
Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|------------|---|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$22,523 |
| 52.0300.20 | Acctg Systems and Related Srv | \$36,522 |
| 52.0200.30 | Admini Infor Mgmt | \$41,019 |
| 01.0100.10 | Agricultural Bus Mgmt - Intro Appl Biol | \$20,680 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$10,340 |
| 15.1300.20 | Architectural Drafting Option A | \$190,090 |
| 47.0600.10 | Auto Tech Core Curr | \$120,440 |
| 47.0600.40 | Automotive Collision Repair I Option B | \$69,584 |
| 47.0600.50 | Automotive Collision Repair II Option E | \$40,029 |
| 47.0600.20 | Automotive Technology I Option A | \$172,134 |
| 15.0300.20 | Basic Electricity Prin and App Option F | \$24,978 |
| 15.0300.30 | Basic Electronics Prin and App Option | \$17,758 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$77,879 |
| 52.0200.20 | Business Office Operations | \$71,742 |
| 10.0300.40 | Commercial Art I Option B | \$111,951 |
| 15.1200.20 | Computer Maintenance Option A | \$33,919 |
| 46.0400.10 | Construction Tech Core Curri | \$102,312 |
| 46.0400.20 | Construction Tech I Option A | \$106,040 |
| 46.0400.30 | Construction Tech II Option A | \$59,634 |
| 12.0500.20 | Culinary Arts Applications | \$283,734 |
| 12.0500.10 | Culinary Arts Fundamentals | \$157,669 |
| 52.1900.10 | Design and Mdse Core Curricu | \$21,130 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$82,456 |
| 13.1200.20 | Early Childhood Education App | \$31,535 |
| 13.1200.10 | Early Childhood Education Fundtl | \$22,708 |
| 13.1500.20 | Education Professions App | \$31,772 |
| 13.1500.10 | Education Professions Fundtl | \$86,245 |
| 10.0200.20 | Electronic Journalism Option A | \$39,950 |
| 15.0300.10 | Electronics Tech Core Curr | \$10,716 |
| 52.1900.20 | Fashion Design & Mdse App Option A | \$14,037 |
| 15.0600.10 | Fundamentals of Industrial Mfg | \$22,719 |

| Number | Course Title | Aggregate Course Cost |
|--------------------|-----------------------------------|-----------------------|
| 10.0300.10 | Fundtl of Graphic Communications | \$41,748 |
| 15.1200.10 | Fundtls of Information Technology | \$95,796 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$30,707 |
| 51.1600.10 | Fundtls of Nursing Svcs | \$63,108 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$14,017 |
| 10.0300.20 | Graphic Arts I Option A | \$16,616 |
| 15.0600.30 | Metals Manufacturing Option A | \$10,740 |
| 15.1200.30 | Network Technology Option B | \$67,930 |
| 51.1600.20 | Nursing Services Adv App | \$112,240 |
| 10.0300.60 | Photo Imaging I Option C | \$14,420 |
| 10.0300.90 | Photo Imaging II Option C | \$14,420 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$32,592 |
| 15.1200.50 | Web Page Development Option D | \$26,795 |
| 48.0500.10 | Welding Tech Core Curriculum | \$239,036 |
| 48.0500.20 | Welding Technology I Option A | \$175,370 |
| 48.0500.30 | Welding Technology II Option A | \$73,616 |
| 48.0700.20 | Woodworking Adv App | \$78,251 |
| 48.0700.10 | Woodworking Fundamentals | \$19,426 |
| Grand Total | | \$3,261,075 |

Member Districts
 Flagstaff USD
 Fredonia Moccasin USD
 Grand Canyon USD
 Page USD
 Williams USD

2006-2007 JTED - CAVIAT - 030801

Course Cost Aggregate Total

Estimated Aggregate Course Cost*
Percent Expenditure by Course Category

| | MODE | MEDIAN | MAX |
|-------------------------|-------------|---------------|------------|
| Salaries | 29% | 48% | 68% |
| ERE | 1% | 1% | 2% |
| Purchased | 30% | 25% | 54% |
| Supplies | 2% | 3% | 31% |
| Rentals | 0% | 0% | 0% |
| Books & Inst | | | |
| Aids | 1% | 2% | 21% |
| Property | 24% | 24% | 50% |
| Equipment | 0% | 5% | 35% |
| Other | 1% | 6% | 29% |

ADDITIONAL COST INFORMATION OR COMMENTS:

Fredonia Moccasin: Purchased services percent includes: substitute teachers' costs; counselor; administrator costs; transportation; building maintenance and custodial. Other percent = Utilities.

Williams: Property percent includes cost of facilities. Other percent includes: substitute pay; prorated costs for discipline; counseling; data reporting & teacher evaluations; CTSO expenses.

*Data reflects only Fredonia, Grand Canyon & Williams USDs.

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CAVIAT - 030801
Course Cost Aggregate Total

| Course Title | School | | | | Grand Total | |
|---|---------------|-----------------------|------------------|-----------|-------------|--------------|
| | Flagstaff USD | Fredonia Moccasin USD | Grand Canyon USD | Page USD | | Williams USD |
| Accounting and Related Srv Tech | | | | \$22,523 | \$22,523 | |
| Acctg Systems and Related Srv | | | | \$36,522 | \$36,522 | |
| Admini Infor Mgmt | | | | \$30,190 | \$10,829 | \$41,019 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | \$20,680 | | | | | \$20,680 |
| Agriculture Bus Mgmt - Agriscience | \$10,340 | | | | | \$10,340 |
| Architectural Drafting Option A | \$33,924 | \$14,950 | | \$132,270 | \$8,946 | \$190,090 |
| Auto Tech Core Curr | \$72,072 | | | \$48,368 | | \$120,440 |
| Automotive Collision Repair I Option B | | | | \$69,584 | | \$69,584 |
| Automotive Collision Repair II Option B | | | | \$40,029 | | \$40,029 |
| Automotive Technology I Option A | \$66,878 | | | \$105,256 | | \$172,134 |
| Basic Electricity Prin and App Option A | \$24,978 | | | | | \$24,978 |
| Basic Electronics Prin and App Option B | \$17,758 | | | | | \$17,758 |
| Bus Mgmt/Admin Srv Fundtl | \$31,892 | | | \$26,232 | \$19,755 | \$77,879 |
| Business Office Operations | \$30,723 | | | \$30,190 | \$10,829 | \$71,742 |
| Commercial Art I Option B | | | | \$111,951 | | \$111,951 |
| Computer Maintenance Option A | | | | \$33,919 | | \$33,919 |
| Construction Tech Core Curri | \$36,977 | \$9,266 | | \$37,366 | \$18,703 | \$102,312 |
| Construction Tech I Option A | \$35,007 | \$9,266 | | \$31,553 | \$30,214 | \$106,040 |
| Construction Tech II Option A | \$9,229 | \$18,852 | | \$31,553 | | \$59,634 |
| Culinary Arts Applications | \$160,505 | | \$13,601 | \$82,019 | \$27,609 | \$283,734 |
| Culinary Arts Fundamentals | \$61,796 | | \$15,174 | \$39,735 | \$40,964 | \$157,669 |
| Design and Mdse Core Curricu | \$21,130 | | | | | \$21,130 |
| Draft/Design Tech Core Curriculum | \$39,990 | | | \$34,370 | \$8,096 | \$82,456 |
| Early Childhood Education App | \$31,535 | | | | | \$31,535 |
| Early Childhood Education Fundtl | \$22,708 | | | | | \$22,708 |
| Education Professions App | | | | \$31,772 | | \$31,772 |
| Education Professions Fundtl | | | | \$86,245 | | \$86,245 |
| Electronic Journalism Option A | \$39,950 | | | | | \$39,950 |
| Electronics Tech Core Curr | \$10,716 | | | | | \$10,716 |
| Fashion Design & Mdse App Option A | \$14,037 | | | | | \$14,037 |
| Fundamentals of Industrial Mfg | | | | | \$22,719 | \$22,719 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CAVIAT - 030801
Course Cost Aggregate Total

| Course Title | School | | | | Page USD | Williams USD | Grand Total |
|-----------------------------------|--------------------|-----------------------|------------------|--|--------------------|------------------|--------------------|
| | Flagstaff USD | Fredonia Moccasin USD | Grand Canyon USD | | | | |
| Fundtl of Graphic Communications | \$22,320 | | | | \$19,428 | | \$41,748 |
| Fundtls of Information Technology | \$11,916 | \$40,183 | | | \$43,697 | | \$95,796 |
| Fundtls of Mktg, Mgmt and Entrepr | \$18,154 | \$12,553 | | | | | \$30,707 |
| Fundtls of Nursing Svcs | | | | | \$63,108 | | \$63,108 |
| Fundtls of Radio/Television Tech | \$14,017 | | | | | | \$14,017 |
| Graphic Arts I Option A | \$16,616 | | | | | | \$16,616 |
| Metals Manufacturing Option A | | | | | | \$10,740 | \$10,740 |
| Network Technology Option B | | | | | \$67,930 | | \$67,930 |
| Nursing Services Adv App | \$12,000 | | | | \$100,240 | | \$112,240 |
| Photo Imaging I Option C | | | | | \$14,420 | | \$14,420 |
| Photo Imaging II Option C | | | | | \$14,420 | | \$14,420 |
| Prof Sales and Mktg Option A | \$21,317 | \$11,275 | | | | | \$32,592 |
| Web Page Development Option D | \$11,916 | \$14,879 | | | | | \$26,795 |
| Welding Tech Core Curriculum | \$81,473 | \$20,853 | | | \$136,710 | | \$239,036 |
| Welding Technology I Option A | \$90,215 | \$20,694 | | | \$64,461 | | \$175,370 |
| Welding Technology II Option A | \$35,531 | | | | \$38,085 | | \$73,616 |
| Woodworking Adv App | \$36,830 | \$41,421 | | | | | \$78,251 |
| Woodworking Fundamentals | \$8,043 | \$11,383 | | | | | \$19,426 |
| Grand Total | \$1,173,173 | \$225,575 | \$28,775 | | \$1,624,146 | \$209,406 | \$3,261,075 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - VACTE - 130801
Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|------------|--|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$64,626 |
| 52.0300.20 | Acctg Systems and Related Srv | \$18,108 |
| 52.0200.30 | Admini Infor Mgmt | \$117,188 |
| 01.0100.12 | AgrBus Mgmt - Appl Biological Sys | \$57,432 |
| 01.0100.10 | Agr Bus Mgmt - Intro Appl Biological Sys | \$76,386 |
| 01.0100.70 | Agr Bus Mgmt-Agriscience DCE | \$4,387 |
| 01.0100.75 | Agr Bus. Mgt-Agrisci Internship | \$4,412 |
| 01.0300.60 | Agr Mechanics - Agriscience | \$29,773 |
| 01.0100.14 | Agr Bus Mgmt - Agriscience | \$60,292 |
| 01.0100.40 | Animal Systems Option C | \$46,455 |
| 99.0300.30 | Appl Biolog Sys - Health | \$15,765 |
| 15.1300.20 | Architectural Drafting Option A | \$36,912 |
| 47.0600.10 | Auto Tech Core Curr | \$94,695 |
| 47.0600.75 | Auto Tech-Inetrnship | \$4,262 |
| 47.0600.40 | Automotive Collision Repair I Option B | \$30,269 |
| 47.0600.70 | Automotive Technology DCE | \$4,237 |
| 47.0600.20 | Automotive Technology I Option A | \$49,286 |
| 47.0600.30 | Automotive Technology II Option A | \$52,255 |
| 52.0200.80 | Bus Mgmt/Admin Srv COOP | \$4,562 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$50,559 |
| 52.0200.75 | Bus Mgmt/Admin Srv Internship | \$45,519 |
| 52.0200.20 | Business Office Operations | \$69,728 |
| 10.0300.40 | Commercial Art I Option B | \$133,382 |
| 46.0400.10 | Construction Tech Core Curri | \$31,299 |
| 46.0400.30 | Construction Tech II Option A | \$31,299 |
| 12.0500.20 | Culinary Arts Applications | \$30,727 |

Member Districts

Camp Verde USD
Mingus UHSD
Sedona-Oak Creech USD

| Number | Course Title | Aggregate Course Cost |
|--------------------|---|-----------------------|
| 12.0500.70 | Culinary Arts DCE | \$4,237 |
| 12.0500.10 | Culinary Arts Fundamentals | \$68,755 |
| 12.0500.75 | Culinary Arts- Internship | \$4,262 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$18,456 |
| 13.1200.20 | Early Childhood Education App | \$24,409 |
| 13.1200.70 | Early Childhood Education DCE | \$51,643 |
| 13.1200.10 | Early Childhood Education Fundtl | \$24,409 |
| 10.0200.20 | Electronic Journalism Option A | \$65,908 |
| 51.0800.10 | Fundtl of Allied Health Srv | \$103,755 |
| 43.0200.10 | Fundtl of Fire Science | \$34,350 |
| 10.0300.10 | Fundtl of Graphic Communications | \$100,833 |
| 15.1200.10 | Fundtls of Information Technology | \$10,908 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$59,566 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$140,460 |
| 10.0300.20 | Graphic Arts I Option A | \$36,379 |
| 10.0300.30 | Graphic Arts II Option A | \$104,535 |
| 10.0300.70 | Graphic Comm DCE | \$4,437 |
| 10.0300.75 | Graphics Comm-Internship | \$4,262 |
| 99.0100.10 | Information Tech | \$156,966 |
| 15.1200.70 | Information Tech DCE | \$5,688 |
| 15.1200.75 | Information Tech-Internship | \$4,262 |
| 10.0200.30 | Interactive Digital Media Option B | \$85,232 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$14,936 |
| 99.0500.10 | Life Connections | \$39,159 |
| 51.1600.20 | Nursing Services Adv App | \$47,708 |
| 10.0300.60 | Photo Imaging I Option C | \$24,800 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$27,464 |
| 15.1200.50 | Web Page Development Option D | \$86,485 |
| 48.0500.10 | Welding Tech Core Curriculum | \$105,849 |
| 48.0500.30 | Welding Technology II Option A | \$31,615 |
| 48.0700.20 | Woodworking Adv App | \$52,368 |
| 48.0700.70 | Woodworking DCE | \$4,237 |
| 48.0700.10 | Woodworking Fundamentals | \$65,903 |
| 48.0700.75 | Woodworking-Internship | \$4,262 |
| Grand Total | | \$2,782,311 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - VACTE - 130801

Course Cost Aggregate Total

ADDITIONAL COST INFORMATION OR COMMENTS:

All course cost information was provided by the districts.
 High Equipment cost in 130504000 is due to a Computer Lab purchase.
 Information from 13022800 course cost crossed Fiscal years.

ESTIMATED AGGRAGATE COURSE COST
 Percent Expenditure by Cost Category

| | <u>MODE</u> | <u>MEDIAN</u> | <u>MAX</u> |
|-----------|-------------|---------------|------------|
| Salaries | 18% | 42% | 65% |
| ERE | 10% | 18% | 30% |
| Services | 74% | 27% | 81% |
| Supplies | 1% | 1% | 31% |
| Rentals | 0% | 0% | 0% |
| Aids | 0% | 1% | 44% |
| Property | 0% | 0% | 0% |
| Equipment | 0% | 3% | 56% |
| Other | 0% | 0% | 0% |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - VACTE - 130801

Course Cost Aggregate Total

| Course Title | School | | Grand Total | |
|---|----------------|-------------|-------------|----------------------|
| | Camp Verde USD | Mingus UHSD | | Sedona-Oak Creek USD |
| Accounting and Related Srv Tech | | \$36,161 | \$28,465 | \$64,626 |
| Acctg Systems and Related Srv | | \$18,108 | | \$18,108 |
| Admini Infor Mgmt | \$22,819 | | \$94,369 | \$117,188 |
| Agricultural Bus Mgmt - Appl Biological Sys | \$22,918 | \$34,514 | | \$57,432 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | \$37,524 | \$38,862 | | \$76,386 |
| Agricultural Bus Mgmt-Agriscience DCE | \$4,387 | | | \$4,387 |
| Agricultural Bus. Mgt-Agrisci Internship | \$4,412 | | | \$4,412 |
| Agricultural Mechanics - Agriscience | \$29,773 | | | \$29,773 |
| Agriculture Bus Mgmt - Agriscience | \$13,713 | \$46,579 | | \$60,292 |
| Animal Systems Option C | \$13,563 | \$32,892 | | \$46,455 |
| Appl Biolog Sys - Health | | \$15,765 | | \$15,765 |
| Architectural Drafting Option A | | \$36,912 | | \$36,912 |
| Auto Tech Core Curr | \$68,568 | \$26,128 | | \$94,695 |
| Auto Tech-Inetrnship | \$4,262 | | | \$4,262 |
| Automotive Collision Repair I Option B | | \$30,269 | | \$30,269 |
| Automotive Technology DCE | \$4,237 | | | \$4,237 |
| Automotive Technology I Option A | \$26,314 | \$22,971 | | \$49,286 |
| Automotive Technology II Option A | | \$52,255 | | \$52,255 |
| Bus Mgmt/Admin Srv COOP | \$4,562 | | | \$4,562 |
| Bus Mgmt/Admin Srv Fundtl | \$14,250 | | \$36,309 | \$50,559 |
| Bus Mgmt/Admin Srv Internship | \$4,537 | | \$40,983 | \$45,519 |
| Business Office Operations | \$13,450 | | \$56,278 | \$69,728 |
| Commercial Art I Option B | \$71,011 | | \$62,371 | \$133,382 |
| Construction Tech Core Curri | | \$31,299 | | \$31,299 |
| Construction Tech II Option A | | \$31,299 | | \$31,299 |
| Culinary Arts Applications | \$30,727 | | | \$30,727 |
| Culinary Arts DCE | \$4,237 | | | \$4,237 |
| Culinary Arts Fundamentals | \$68,755 | | | \$68,755 |
| Culinary Arts- Internship | \$4,262 | | | \$4,262 |
| Draft/Design Tech Core Curriculum | | \$18,456 | | \$18,456 |
| Early Childhood Education App | | \$24,409 | | \$24,409 |
| Early Childhood Education DCE | | \$51,643 | | \$51,643 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - VACTE - 130801

Course Cost Aggregate Total

| Course Title | School | | | Grand Total |
|---|------------------|--------------------|----------------------|--------------------|
| | Camp Verde USD | Mingus UHSD | Sedona-Oak Creek USD | |
| Early Childhood Education Fundtl | | \$24,409 | | \$24,409 |
| Electronic Journalism Option A | | \$65,908 | | \$65,908 |
| Fundtl of Allied Health Srv | | \$103,755 | | \$103,755 |
| Fundtl of Fire Science | \$34,350 | | | \$34,350 |
| Fundtl of Graphic Communications | | | \$100,833 | \$100,833 |
| Fundtls of Information Technology | \$10,908 | | | \$10,908 |
| Fundtls of Law Public Safety & Secu | \$22,290 | \$6,166 | \$31,110 | \$59,566 |
| Fundtls of Radio/Television Tech | | \$65,734 | \$74,727 | \$140,460 |
| Graphic Arts I Option A | \$36,379 | | | \$36,379 |
| Graphic Arts II Option A | \$74,441 | \$30,095 | | \$104,535 |
| Graphic Comm DCE | \$4,437 | | | \$4,437 |
| Graphics Comm-Internship | \$4,262 | | | \$4,262 |
| Information Tech | | \$156,966 | | \$156,966 |
| Information Tech DCE | \$5,688 | | | \$5,688 |
| Information Tech-Internship | \$4,262 | | | \$4,262 |
| Interactive Digital Media Option B | | | \$85,232 | \$85,232 |
| Law Public Safety & Secu Adv App | | \$5,064 | \$9,872 | \$14,936 |
| Life Connections | | \$39,159 | | \$39,159 |
| Nursing Services Adv App | | \$47,708 | | \$47,708 |
| Photo Imaging I Option C | | \$24,800 | | \$24,800 |
| Sports Med and Rehab Therapies Option D | \$27,464 | | | \$27,464 |
| Web Page Development Option D | \$20,751 | \$65,734 | | \$86,485 |
| Welding Tech Core Curriculum | \$72,769 | \$33,081 | | \$105,849 |
| Welding Technology II Option A | | \$31,615 | | \$31,615 |
| Woodworking Adv App | \$52,368 | | | \$52,368 |
| Woodworking DCE | \$4,237 | | | \$4,237 |
| Woodworking Fundamentals | \$65,903 | | | \$65,903 |
| Woodworking-Internship | \$4,262 | | | \$4,262 |
| Grand Total | \$913,047 | \$1,248,714 | \$620,549 | \$2,782,311 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - EVIT - 070801
Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|------------|---|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$129,403 |
| 52.0300.20 | Acctg Systems and Related Srv | \$218,555 |
| 01.0100.80 | Agricultural Bus Mgmt - Agriscience C | \$166,412 |
| 01.0100.10 | Agricultural Bus Mgmt - Intro Appl Biol | \$783,944 |
| 01.0100.75 | Agricultural Bus. Mgt-Agrisci Internshp | \$21,048 |
| 01.0300.60 | Agricultural Mechanics - Agriscience | \$64,663 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$140,674 |
| 01.0600.20 | Agrisci II-Horticulture | \$36,540 |
| 01.0300.30 | Agriscience Bus Mgmt | \$73,894 |
| 01.0300.10 | Agriscience I | \$172,674 |
| 01.0300.20 | Agriscience II | \$74,846 |
| 01.0600.10 | Agrisci-Horticulture | \$36,540 |
| 01.0100.40 | Animal Systems Option C | \$260,379 |
| 15.1300.20 | Architectural Drafting Option A | \$140,086 |
| 47.0600.10 | Auto Tech Core Curr | \$167,405 |
| 47.0600.70 | Automotive Technology DCE | \$187,335 |
| 47.0600.20 | Automotive Technology I Option A | \$103,305 |
| 47.0600.30 | Automotive Technology II Option A | \$23,726 |
| 15.0300.20 | Basic Electricity Prin and App Option A | \$116,738 |
| 52.0200.80 | Bus Mgmt/Admin Srv COOP | \$93,128 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$333,497 |
| 10.0300.40 | Commercial Art I Option B | \$878,915 |
| 10.0300.50 | Commercial Art II Option B | \$97,042 |
| 15.1200.20 | Computer Maintenance Option A | \$218,827 |
| 46.0400.80 | Construction Tech COOP | \$12,213 |
| 46.0400.10 | Construction Tech Core Curri | \$113,473 |
| 46.0400.20 | Construction Tech I Option A | \$61,910 |
| 46.0400.30 | Construction Tech II Option A | \$164,322 |
| 12.0500.20 | Culinary Arts Applications | \$1,213,831 |
| 12.0500.80 | Culinary Arts COOP | \$23,684 |
| 12.0500.70 | Culinary Arts DCE | \$594,356 |
| 12.0500.10 | Culinary Arts Fundamentals | \$839,582 |
| 52.1900.10 | Design and Mdse Core Curricu | \$369,727 |

| Number | Course Title | Aggregate Course Cost |
|------------|-------------------------------------|-----------------------|
| 52.1900.70 | Design and Mdse DCE | \$22,884 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$257,172 |
| 15.1300.70 | Draft/Design Tech DCE | \$13,604 |
| 13.1200.20 | Early Childhood Education App | \$622,127 |
| 13.1200.80 | Early Childhood Education COOP | \$25,947 |
| 13.1200.70 | Early Childhood Education DCE | \$23,343 |
| 13.1200.10 | Early Childhood Education Fundtl | \$614,644 |
| 52.1800.30 | E-Commerce Mktg Option B | \$11,699 |
| 13.1500.20 | Education Professions App | \$172,897 |
| 13.1500.80 | Education Professions COOP | \$11,139 |
| 13.1500.10 | Education Professions Fundtl | \$275,763 |
| 10.0200.20 | Electronic Journalism Option A | \$937,513 |
| 15.0300.10 | Electronics Tech Core Curr | \$118,298 |
| 52.1800.40 | Entertainment Mktg Option C | \$48,569 |
| 52.1800.50 | Entrepreneurship Option D | \$407,838 |
| 01.0100.00 | Environmental Serv Systems Option G | \$52,622 |
| 10.0300.03 | EVIT 3D Animation | \$246,984 |
| 51.0800.00 | EVIT Allied Health/Nursing | \$363,810 |
| 47.0600.01 | EVIT Automotive | \$332,306 |
| 52.0200.01 | EVIT BMAS | \$50,819 |
| 47.0600.04 | EVIT Collision | \$126,562 |
| 15.1200.04 | EVIT Computer Program | \$41,975 |
| 15.1200.02 | EVIT Computer Repair | \$63,341 |
| 46.0400.01 | EVIT Construction | \$95,147 |
| 12.0400.01 | EVIT Cosmetology | \$508,361 |
| 12.0500.01 | EVIT Culinary | \$267,299 |
| 13.1200.01 | EVIT Early Childhood | \$70,707 |
| 15.0300.00 | EVIT Electronics | \$67,207 |
| 52.1900.02 | EVIT Fashion | \$72,842 |
| 43.0200.02 | EVIT Fire | \$166,973 |
| 10.0300.01 | EVIT Graphic Design | \$71,590 |
| 52.1900.03 | EVIT Interior Design | \$82,173 |
| 43.0100.02 | EVIT Law | \$104,205 |

2006 – 2007 Cost Reporting Summaries

**2006-2007 JTED - EVIT - 070801
Course Cost Aggregate Total**

| Number | Course Title | Aggregate Course Cost |
|------------|-------------------------------------|-----------------------|
| 46.0400.02 | EVIT Maintenance Services Trades | \$69,297 |
| 10.0300.06 | EVIT Photo | \$91,854 |
| 48.0500.02 | EVIT Precision Machine Tooling | \$39,486 |
| 10.0200.01 | EVIT Radio | \$59,833 |
| 10.0200.03 | EVIT Video | \$79,972 |
| 48.0500.01 | EVIT Welding | \$176,069 |
| 52.1900.20 | Fashion Design & Mdse App Option A | \$470,771 |
| 52.0800.20 | Financial Svcs Systems | \$107,228 |
| 01.0100.20 | Food Prod/Processing Sys Agribus Sy | \$70,337 |
| 15.0600.10 | Fundamentals of Industrial Mfg | \$99,902 |
| 51.0800.10 | Fundtl of Allied Health Srv | \$34,889 |
| 10.0300.10 | Fundtl of Graphic Communications | \$291,593 |
| 15.1200.10 | Fundtls of Information Technology | \$666,174 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$160,692 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$808,527 |
| 51.1600.10 | Fundtls of Nursing Svcs | \$191,182 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$445,354 |
| 10.0300.20 | Graphic Arts I Option A | \$91,684 |
| 10.0300.30 | Graphic Arts II Option A | \$488,504 |
| 10.0300.80 | Graphic Comm COOP | \$35,638 |
| 52.0900.20 | Hospitality Mgmt App | \$267,797 |
| 52.0900.10 | Hospitality Mgmt Fundtls | \$40,317 |
| 15.0600.70 | Industrial Mfg - DCE | \$99,902 |
| 15.1200.80 | Information Tech COOP | \$107,228 |
| 15.1200.70 | Information Tech DCE | \$163,367 |
| 10.0200.30 | Interactive Digital Media Option B | \$81,838 |
| 52.1900.30 | Interior Design/Mdse App Option B | \$230,818 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$718,804 |
| 15.1300.50 | Mechanical Drafting Option D | \$167,990 |
| 52.1800.80 | Mktg, Mgmt and Entrepr COOP | \$66,613 |
| 52.1800.70 | Mktg, Mgmt and Entrepr DCE | \$942,438 |
| 15.1200.30 | Network Technology Option B | \$50,733 |
| 51.1600.20 | Nursing Services Adv App | \$73,118 |
| 10.0300.60 | Photo Imaging I Option C | \$246,476 |

| Number | Course Title | Aggregate Course Cost |
|--------------------|---|-----------------------|
| 10.0300.90 | Photo Imaging II Option C | \$68,222 |
| 01.0100.30 | Plant Systems Option B | \$524,337 |
| 15.0600.40 | Plastics Manufacturing Option B | \$99,902 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$548,928 |
| 10.0200.70 | Radio/Television Tech DCE | \$29,165 |
| 15.1200.40 | Software Development Option C | \$376,170 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$295,511 |
| 15.1200.50 | Web Page Development Option D | \$179,429 |
| 48.0500.10 | Welding Tech Core Curriculum | \$42,928 |
| 48.0500.20 | Welding Technology I Option A | \$23,960 |
| 48.0700.20 | Woodworking Adv App | \$360,945 |
| 48.0700.70 | Woodworking DCE | \$26,989 |
| 48.0700.10 | Woodworking Fundamentals | \$392,984 |
| Grand Total | | \$24,986,929 |

Estimated Aggregate Course Cost*

Per cent Expenditure by Course Category

| | MODE | MEDIAN | MAX |
|--------------|------|--------|-----|
| Salaries | 79% | 50% | 89% |
| ERE | 10% | 12% | 46% |
| Purchased | | | |
| Services | 0% | 2% | 49% |
| Supplies | 0% | 2% | 15% |
| Rentals | 0% | 0% | 13% |
| Books & Inst | | | |
| Aids | 0% | 1% | 44% |
| Property | 0% | 0% | 35% |
| Equipment | 0% | 6% | 81% |
| Other | 16% | 16% | 60% |

*Data does not include Gilbert USD

**2006-2007 JTED - EVIT - 070801
Course Cost Aggregate Total**

Member Districts

- Apache Junction USD
- Chandler USD
- EVIT Main
- Fountain Hills USD
- Gilbert USD
- Higley USD
- Mesa USD
- Queen Creek USD
- Scottsdale USD
- Tempe UHSD

ADDITIONAL COST INFORMATION OR COMMENTS:

Costs vary per year per program based on the items purchased yearly. For example, Culinary I and II did not have any major equipment purchases in FY 07, but in FY 08 we have already purchased over \$130,000.00 for a new commercial kitchen.

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - EVIT - 070801

Course Cost Aggregate Total

| Course Title | School | | | | | | | | | | Grand Total |
|--|----------|--------------|-----------|---------------|-------------|------------|-----------|-----------------|----------------|------------|-------------|
| | AJ USD | Chandler USD | EVIT Main | Ft. Hills USD | Gilbert USD | Higley USD | Mesa USD | Queen Creek USD | Scottsdale USD | Tempe UHSD | |
| Accounting and Related Srv Tech | | | | | \$107,228 | | | | | \$22,175 | \$129,403 |
| Acctg Systems and Related Srv | | | | | \$107,228 | | | | | \$111,327 | \$218,555 |
| Agr Bus Mgmt - Agriscience COOP | | \$24,917 | | | \$70,337 | | \$71,158 | | | | \$166,412 |
| Agr Bus Mgmt - Intro Appl Biological Sys | | \$129,444 | | | \$211,011 | | \$443,489 | | | | \$783,944 |
| AgrBus. Mgt-Agrisci Internship | | | | | | | \$21,048 | | | | \$21,048 |
| Agr Mechanics - Agriscience | | \$64,663 | | | | | | | | | \$64,663 |
| Agr Bus Mgmt - Agriscience | | | | | \$140,674 | | | | | | \$140,674 |
| Agrisci II-Horticulture | | | | | | | | \$36,540 | | | \$36,540 |
| Agriscience Bus Mgmt | | \$73,894 | | | | | | | | | \$73,894 |
| Agriscience I | | \$172,674 | | | | | | | | | \$172,674 |
| Agriscience II | | \$74,846 | | | | | | | | | \$74,846 |
| Agrisci-Horticulture | | | | | | | | \$36,540 | | | \$36,540 |
| Animal Systems Option C | | | | | \$140,674 | | \$119,705 | | | | \$260,379 |
| Architectural Drafting Option A | | \$96,536 | | \$29,624 | | | | | | \$13,926 | \$140,086 |
| Auto Tech Core Curr | | \$85,632 | | | | | | | | \$81,773 | \$167,405 |
| Automotive Technology DCE | | \$28,499 | | | | | \$74,176 | | | \$84,660 | \$187,335 |
| Automotive Technology I Option A | | \$47,452 | | | | | | | | \$55,853 | \$103,305 |
| Automotive Technology II Option A | | \$23,726 | | | | | | | | | \$23,726 |
| Basic Electricity Prin and App Option A | | \$18,113 | | | \$49,951 | | \$48,674 | | | | \$116,738 |
| Bus Mgmt/Admin Srv COOP | | \$93,128 | | | | | | | | | \$93,128 |
| Bus Mgmt/Admin Srv Fundtl | \$27,522 | \$91,519 | | | \$214,456 | | | | | | \$333,497 |
| Commercial Art I Option B | \$20,642 | | | \$36,021 | \$714,195 | \$20,193 | | \$26,425 | \$61,438 | | \$878,915 |
| Commercial Art II Option B | \$10,321 | | | | | | | \$52,850 | \$33,871 | | \$97,042 |
| Computer Maintenance Option A | | \$53,778 | | | | | \$32,571 | | \$81,154 | \$51,324 | \$218,827 |
| Construction Tech COOP | | | | | | | \$12,213 | | | | \$12,213 |
| Construction Tech Core Curri | | | | | | | \$7,926 | | | \$105,547 | \$113,473 |
| Construction Tech I Option A | | | | | | | \$41,054 | | | \$20,856 | \$61,910 |
| Construction Tech II Option A | | | | | \$99,902 | | | | | \$64,420 | \$164,322 |
| Culinary Arts Applications | | \$68,127 | | | \$165,396 | | \$620,768 | | \$23,668 | \$335,872 | \$1,213,831 |
| Culinary Arts COOP | | \$23,684 | | | | | | | | | \$23,684 |
| Culinary Arts DCE | | \$26,289 | | | | | \$339,388 | | | \$228,679 | \$594,356 |
| Culinary Arts Fundamentals | | \$244,784 | | | \$165,396 | | \$54,138 | | \$75,760 | \$299,503 | \$839,582 |

2006 – 2007 Cost Reporting Summaries

**2006-2007 JTED - EVIT - 070801
Course Cost Aggregate Total**

| Course Title | AJ USD | Chandler USD | EVIT Main | Ft. Hills USD | Gilbert USD | Higley USD | Mesa USD | Queen Creek USD | Scottsdale USD | Tempe UHSD | Grand Total |
|-------------------------------------|---------------|---------------------|------------------|----------------------|--------------------|-------------------|-----------------|------------------------|-----------------------|-------------------|--------------------|
| Design and Mdse Core Curricu | | \$94,573 | | | \$82,698 | | \$80,733 | | | \$111,722 | \$369,727 |
| Design and Mdse DCE | | \$22,884 | | | | | | | | | \$22,884 |
| Draft/Design Tech Core Curriculum | | \$64,880 | | \$29,624 | \$49,951 | | | \$26,425 | \$44,500 | \$41,792 | \$257,172 |
| Draft/Design Tech DCE | | \$13,604 | | | | | | | | | \$13,604 |
| Early Childhood Education App | | \$67,191 | | | \$165,396 | | \$50,658 | | \$100,420 | \$238,462 | \$622,127 |
| Early Childhood Education COOP | | \$25,947 | | | | | | | | | \$25,947 |
| Early Childhood Education DCE | | \$23,343 | | | | | | | | | \$23,343 |
| Early Childhood Education Fundtl | \$37,877 | \$134,382 | | | \$165,396 | | \$17,008 | | \$144,273 | \$115,709 | \$614,644 |
| E-Commerce Mktg Option B | | | | | | | | | | \$11,699 | \$11,699 |
| Education Professions App | | \$22,278 | | | | | \$150,619 | | | | \$172,897 |
| Education Professions COOP | | \$11,139 | | | | | | | | | \$11,139 |
| Education Professions Fundtl | | \$35,640 | | | \$82,698 | | \$117,569 | \$39,855 | | | \$275,763 |
| Electronic Journalism Option A | | \$106,376 | | | \$530,078 | \$44,144 | | | \$256,915 | | \$937,513 |
| Electronics Tech Core Curr | | | | | \$49,951 | | \$68,347 | | | | \$118,298 |
| Entertainment Mktg Option C | | | | | | | | | \$48,569 | | \$48,569 |
| Entrepreneurship Option D | | | | | \$107,228 | \$16,865 | | | | \$283,745 | \$407,838 |
| Environmental Serv Systems Option G | | | | | | | \$52,622 | | | | \$52,622 |
| EVIT 3D Animation | | | \$246,984 | | | | | | | | \$246,984 |
| EVIT Allied Health/Nursing | | | \$363,810 | | | | | | | | \$363,810 |
| EVIT Automotive | | | \$332,306 | | | | | | | | \$332,306 |
| EVIT BMAS | | | \$50,819 | | | | | | | | \$50,819 |
| EVIT Collision | | | \$126,562 | | | | | | | | \$126,562 |
| EVIT Computer Program | | | \$41,975 | | | | | | | | \$41,975 |
| EVIT Computer Repair | | | \$63,341 | | | | | | | | \$63,341 |
| EVIT Construction | | | \$95,147 | | | | | | | | \$95,147 |
| EVIT Cosmetology | | | \$508,361 | | | | | | | | \$508,361 |
| EVIT Culinary | | | \$267,299 | | | | | | | | \$267,299 |
| EVIT Early Childhood | | | \$70,707 | | | | | | | | \$70,707 |
| EVIT Electronics | | | \$67,207 | | | | | | | | \$67,207 |
| EVIT Fashion | | | \$72,842 | | | | | | | | \$72,842 |
| EVIT Fire | | | \$166,973 | | | | | | | | \$166,973 |
| EVIT Graphic Design | | | \$71,590 | | | | | | | | \$71,590 |
| EVIT Interior Design | | | \$82,173 | | | | | | | | \$82,173 |
| EVIT Law | | | \$104,205 | | | | | | | | \$104,205 |
| EVIT Maintenance Services Trades | | | \$69,297 | | | | | | | | \$69,297 |
| EVIT Photo | | | \$91,854 | | | | | | | | \$91,854 |

2006 – 2007 Cost Reporting Summaries

**2006-2007 JTED - EVIT - 070801
Course Cost Aggregate Total**

| Course Title | AJ USD | Chandler USD | EVIT Main | Ft. Hills USD | Gilbert USD | Higley USD | Mesa USD | Queen Creek USD | Scottsdale USD | Tempe UHSD | Grand Total |
|---|---------------|---------------------|------------------|----------------------|--------------------|-------------------|-----------------|------------------------|-----------------------|-------------------|--------------------|
| EVIT Precision Machine Tooling | | | \$39,486 | | | | | | | | \$39,486 |
| EVIT Radio | | | \$59,833 | | | | | | | | \$59,833 |
| EVIT Video | | | \$79,972 | | | | | | | | \$79,972 |
| EVIT Welding | | | \$176,069 | | | | | | | | \$176,069 |
| Fashion Design & Mdse App Option A | | \$59,303 | | | \$165,396 | | \$111,487 | \$73,836 | | \$60,749 | \$470,771 |
| Financial Svcs Systems | | | | | \$107,228 | | | | | | \$107,228 |
| Food Prod/Proc Sys Agribus Sys Option A | | | | | \$70,337 | | | | | | \$70,337 |
| Fundamentals of Industrial Mfg | | | | | \$99,902 | | | | | | \$99,902 |
| Fundtl of Allied Health Srv | | | | | | | | \$34,889 | | | \$34,889 |
| Fundtl of Graphic Communications | \$34,424 | \$91,753 | | | | \$62,079 | | \$41,898 | \$61,438 | | \$291,593 |
| Fundtls of Information Technology | | \$355,672 | | | \$107,228 | \$79,202 | | | \$104,660 | \$19,413 | \$666,174 |
| Fundtls of Law Public Safety & Secu | | | | | | | | | | \$160,692 | \$160,692 |
| Fundtls of Mktg, Mgmt and Entrepr | | \$193,863 | | | \$107,228 | \$47,405 | \$281,705 | \$36,383 | \$38,372 | \$103,571 | \$808,527 |
| Fundtls of Nursing Svcs | | \$39,336 | | | \$99,902 | | | | \$51,944 | | \$191,182 |
| Fundtls of Radio/Television Tech | | \$117,678 | | \$37,084 | \$53,078 | \$44,144 | | | \$193,370 | | \$445,354 |
| Graphic Arts I Option A | | \$91,684 | | | | | | | | | \$91,684 |
| Graphic Arts II Option A | | \$91,684 | | \$72,042 | \$285,678 | \$39,100 | | | | | \$488,504 |
| Graphic Comm COOP | | \$35,638 | | | | | | | | | \$35,638 |
| Hospitality Mgmt App | | | | \$207,526 | | | | | \$60,271 | | \$267,797 |
| Hospitality Mgmt Fundtls | | \$20,226 | | | | | | | \$20,090 | | \$40,317 |
| Industrial Mfg - DCE | | | | | \$99,902 | | | | | | \$99,902 |
| Information Tech COOP | | | | | \$107,228 | | | | | | \$107,228 |
| Information Tech DCE | | | | | | | | | | \$163,367 | \$163,367 |
| Interactive Digital Media Option B | | | | \$37,084 | | | | | \$44,754 | | \$81,838 |
| Interior Design/Mdse App Option B | | | | | \$165,396 | | | | | \$65,422 | \$230,818 |
| Law Public Safety & Secu Adv App | | | | | | | | | | \$718,804 | \$718,804 |
| Mechanical Drafting Option D | | \$41,771 | | | \$49,951 | | | | \$76,268 | | \$167,990 |
| Mktg, Mgmt and Entrepr COOP | | \$66,613 | | | | | | | | | \$66,613 |
| Mktg, Mgmt and Entrepr DCE | | | | | | | \$662,235 | | | \$280,203 | \$942,438 |
| Network Technology Option B | | | | | | | | | | \$50,733 | \$50,733 |
| Nursing Services Adv App | | \$21,175 | | | | | | | \$51,944 | | \$73,118 |
| Photo Imaging I Option C | \$37,977 | \$208,499 | | | | | | | | | \$246,476 |
| Photo Imaging II Option C | \$33,364 | \$34,858 | | | | | | | | | \$68,222 |
| Plant Systems Option B | | | | | \$281,348 | | \$242,989 | | | | \$524,337 |
| Plastics Manufacturing Option B | | | | | \$99,902 | | | | | | \$99,902 |
| Prof Sales and Mktg Option A | | \$187,435 | | | \$107,228 | | \$117,099 | \$72,736 | \$64,429 | | \$548,928 |
| Radio/Television Tech DCE | | \$29,165 | | | | | | | | | \$29,165 |
| Software Development Option C | | \$45,433 | | | \$321,684 | | | | \$9,054 | | \$376,170 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - EVIT - 070801

Course Cost Aggregate Total

| Course Title | AJ USD | Chandler USD | EVIT Main | Ft. Hills USD | Gilbert USD | Higley USD | Mesa USD | Queen Creek USD | Scottsdale USD | Tempe UHSD | Grand Total |
|-------------------------------|------------------|--------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|---------------------|
| Software Development Option C | | \$45,433 | | | \$321,684 | | | | \$9,054 | | \$376,170 |
| Sports Med/Rehab Thera Opt D | | \$80,254 | | | \$180,368 | | | \$34,889 | | | \$295,511 |
| Web Page Development Option D | | | | | | | | | \$65,434 | \$113,995 | \$179,429 |
| Welding Tech Core Curriculum | \$42,928 | | | | | | | | | | \$42,928 |
| Welding Technology I Option A | \$23,960 | | | | | | | | | | \$23,960 |
| Woodworking Adv App | | \$25,658 | | | | \$15,021 | \$226,098 | \$94,168 | | | \$360,945 |
| Woodworking DCE | | \$26,989 | | | | | | | | | \$26,989 |
| Woodworking Fundamentals | | \$25,658 | | | \$49,951 | \$44,405 | \$225,886 | \$47,084 | | | \$392,984 |
| Grand Total | \$269,015 | \$3,954,288 | \$3,248,812 | \$449,004 | \$5,978,779 | \$445,130 | \$4,258,793 | \$654,518 | \$1,712,596 | \$4,015,993 | \$24,986,929 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - GIFT - 050802
Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|------------|---|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$39,997 |
| 52.0300.20 | Acctg Systems and Related Srv | \$6,862 |
| 52.0200.30 | Admin Infor Mgmt | \$28,994 |
| 01.0100.12 | Agricultural Bus Mgmt - Appl Biologica | \$17,094 |
| 01.0100.10 | Agricultural Bus Mgmt - Intro Appl Biol | \$22,795 |
| 01.0300.60 | Agricultural Mechanics - Agriscience | \$53,613 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$23,795 |
| 01.0300.10 | Agriscience I | \$29,528 |
| 01.0300.20 | Agriscience II | \$30,578 |
| 99.0300.40 | Appl Biolog Sys - Food Sci | \$51,383 |
| 99.0300.20 | Appl Biological Sys - Ag | \$8,606 |
| 15.1300.20 | Architectural Drafting Option A | \$36,861 |
| 47.0600.10 | Auto Tech Core Curr | \$88,986 |
| 47.0600.20 | Automotive Technology I Option A | \$80,607 |
| 47.0600.30 | Automotive Technology II Option A | \$602 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$149,096 |
| 52.0200.75 | Bus Mgmt/Admin Srv Internship | \$4,056 |
| 99.0400.10 | Business Mgmt Tech | \$216,718 |
| 52.0200.20 | Business Office Operations | \$48,645 |
| 15.1300.30 | Civil Drafting Option B | \$532 |
| 10.0300.40 | Commercial Art I Option B | \$27,472 |
| 10.0300.50 | Commercial Art II Option B | \$25,381 |
| 12.0400.20 | Cosmetology Advanced App | \$140,012 |
| 12.0500.20 | Culinary Arts Applications | \$106,753 |
| 12.0500.10 | Culinary Arts Fundamentals | \$200,200 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$27,995 |
| 13.1200.20 | Early Childhood Education App | \$42,794 |
| 13.1200.80 | Early Childhood Education COOP | \$43,471 |
| 13.1200.10 | Early Childhood Education Fundtl | \$92,275 |
| 15.0300.10 | Electronics Tech Core Curr | \$370 |
| 43.0200.20 | Fire Science Adv App | \$34,035 |
| 12.0400.10 | Fundamentals of Cosmetology | \$7,229 |
| 51.0800.10 | Fundtl of Allied Health Srv | \$41,399 |
| 43.0200.10 | Fundtl of Fire Science | \$14,770 |
| 10.0300.10 | Fundtl of Graphic Communications | \$63,369 |
| 15.1200.10 | Fundtls of Information Technology | \$24,546 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$38,529 |

| Number | Course Title | Aggregate Course Cost |
|--------------------|---|-----------------------|
| 51.1600.10 | Fundtls of Nursing Svcs | \$38,634 |
| 10.0300.30 | Graphic Arts II Option A | \$25,381 |
| 99.0200.10 | Industrial Tech | \$26,127 |
| 99.0100.10 | Information Tech | \$26,182 |
| 51.0800.30 | Laboratory Assisting Option B | \$20,351 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$986 |
| 99.0500.10 | Life Connections | \$19,972 |
| 15.1300.50 | Mechanical Drafting Option D | \$532 |
| 51.0800.40 | Medical Imaging Support Srv Option C | \$7,210 |
| 51.1600.20 | Nursing Services Adv App | \$14,493 |
| 51.0800.20 | Pharmacy Support Srv Option A | \$38,628 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$30,893 |
| 03.0200.80 | Renew Natl Res COOP | \$50,723 |
| 15.1200.40 | Software Development Option C | \$569 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$12,261 |
| 48.0500.10 | Welding Tech Core Curriculum | \$64,385 |
| 48.0500.20 | Welding Technology I Option A | \$101,858 |
| 48.0700.20 | Woodworking Adv App | \$47,806 |
| 48.0700.10 | Woodworking Fundamentals | \$42,831 |
| Grand Total | | \$2,439,770 |

Member Districts

- Duncan USD
- Ft. Thomas USD
- GIFT Central
- Pima USD
- Safford USD
- Thatcher USD

ESTIMATED AGGREGATE COURSE COST
Percent Expenditure by Cost Category

| | MODE | MEDIAN | MAX |
|--------------------|------|--------|-----|
| Salaries | 70% | 53% | 70% |
| ERE | 28% | 17% | 28% |
| Purchased Services | 0% | 0% | 0% |
| Supplies | 0% | 1% | 61% |
| Rentals | 0% | 0% | 0% |
| Books & Inst Aids | 0% | 0% | 15% |
| Property | 0% | 0% | 16% |
| Equipment | 0% | 0% | 14% |
| Other | 2% | 18% | 67% |

**2006-2007 JTED - GIFT - 050802
Course Cost Aggregate Total**

ADDITIONAL COST INFORMATION OR COMMENTS:

Course costs are not the same as course expenditures in a year. The true cost of a course is all that it takes to put on that class including: teacher salary and benefits; capital equipment; soft capital items; supplies; maintenance; equipment and software support; staff travel; staff professional development; facility costs; student transportation and field trip costs; CTSO expenses; substitute pay; prorated costs for discipline; counseling; scheduling; data reporting; teacher evaluations and other costs.

GIFT satellite course costs were derived from a program GIFT created to ascertain course costs. This program asked the satellite schools to look at all costs associated with a GIFT course. We met with all of the business managers of satellite districts and came up with formulas we felt were an accurate picture of total costs. Satellites then used the program to figure any and all costs of each course. This program still needs refinement, but it serves as a first attempt to assess course costs as directed by HB 2400.

Salary and benefit lines include all salaries and benefits for teacher and support personnel including sub pay, prorated costs for discipline, counseling, scheduling, data reporting, teacher evaluations etc.

GIFT Central program course costs were derived from a formula used by Eastern Arizona College to determine course costs. It figures the course costs based on each credit hour of the course. GIFT then added the cost of textbooks which were furnished for the students. The indirect costs measured may not be truly as much as they should be, as their formula averages across all of the courses taught at EAC.

Course costs will fluctuate from year to year as an expensive teacher leaves and a new teacher comes in or in a year when expensive pieces of equipment are purchased.

GIFT central campus courses in our individual programs are for one or two students who take a regular EAC course. In order to qualify for GIFT help, they have to take at least two classes. GIFT pays the tuition and books for the course, instructor costs, facility, supplies, equipment etc. are paid for by EAC.

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - GIFT - 050802

Course Cost Aggregate Total

| Course Title | School | | | | | | Grand Total |
|---|------------|----------------|--------------|----------|-------------|--------------|-------------|
| | Duncan USD | Ft. Thomas USD | GIFT Central | Pima USD | Safford USD | Thatcher USD | |
| Accounting and Related Srv Tech | | \$31,754 | \$1,166 | \$7,077 | | | \$39,997 |
| Acctg Systems and Related Srv | | | | \$6,862 | | | \$6,862 |
| Admini Infor Mgmt | | | | \$28,994 | | | \$28,994 |
| Agricultural Bus Mgmt - Appl Biological Sys | | \$17,094 | | | | | \$17,094 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | | | \$22,795 | | | | \$22,795 |
| Agricultural Mechanics - Agriscience | \$31,377 | \$22,236 | | | | | \$53,613 |
| Agriculture Bus Mgmt - Agriscience | | \$23,795 | | | | | \$23,795 |
| Agriscience I | \$4,068 | | | | \$25,460 | | \$29,528 |
| Agriscience II | \$4,303 | | | | \$26,275 | | \$30,578 |
| Appl Biolog Sys - Food Sci | | | | | | \$51,383 | \$51,383 |
| Appl Biological Sys - Ag | \$8,606 | | | | | | \$8,606 |
| Architectural Drafting Option A | \$17,906 | | \$1,064 | | \$17,891 | | \$36,861 |
| Auto Tech Core Curr | | \$29,707 | | | \$59,279 | | \$88,986 |
| Automotive Technology I Option A | | \$20,032 | \$1,296 | | \$59,279 | | \$80,607 |
| Automotive Technology II Option A | | | \$602 | | | | \$602 |
| Bus Mgmt/Admin Srv Fundtl | \$20,722 | \$16,344 | | \$26,883 | \$34,365 | \$50,782 | \$149,096 |
| Bus Mgmt/Admin Srv Internship | \$4,056 | | | | | | \$4,056 |
| Business Mgmt Tech | \$40,957 | \$25,943 | | \$27,832 | \$52,891 | \$69,095 | \$216,718 |
| Business Office Operations | \$20,722 | | | | \$27,923 | | \$48,645 |
| Civil Drafting Option B | | | \$532 | | | | \$532 |
| Commercial Art I Option B | | | | | \$27,472 | | \$27,472 |
| Commercial Art II Option B | | | | \$25,381 | | | \$25,381 |
| Cosmetology Advanced App | | | \$140,012 | | | | \$140,012 |
| Culinary Arts Applications | | | | | \$106,753 | | \$106,753 |
| Culinary Arts Fundamentals | | | | \$43,319 | \$119,676 | \$37,205 | \$200,200 |
| Draft/Design Tech Core Curriculum | \$9,039 | | | | | \$18,956 | \$27,995 |
| Early Childhood Education App | | | \$451 | | \$42,343 | | \$42,794 |
| Early Childhood Education COOP | | | | | \$43,471 | | \$43,471 |
| Early Childhood Education Fundtl | | | \$370 | | \$91,905 | | \$92,275 |
| Electronics Tech Core Curr | | | \$370 | | | | \$370 |
| Fire Science Adv App | | | \$34,035 | | | | \$34,035 |
| Fundamentals of Cosmetology | | | \$7,229 | | | | \$7,229 |
| Fundtl of Allied Health Srv | | | \$41,399 | | | | \$41,399 |
| Fundtl of Fire Science | | | \$14,770 | | | | \$14,770 |
| Fundtl of Graphic Communications | | | | \$25,381 | \$37,988 | | \$63,369 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - GIFT - 050802

Course Cost Aggregate Total

| Course Title | School | | | | | | Grand Total |
|---|------------------|------------------|------------------|------------------|--------------------|------------------|--------------------|
| | Duncan USD | Ft. Thomas USD | GIFT Central | Pima USD | Safford USD | Thatcher USD | |
| Fundtls of Information Technology | | | \$1,059 | | \$23,487 | | \$24,546 |
| Fundtls of Mktg, Mgmt and Entrepr | | | | | \$38,529 | | \$38,529 |
| Fundtls of Nursing Svcs | | | \$38,634 | | | | \$38,634 |
| Graphic Arts II Option A | | | | \$25,381 | | | \$25,381 |
| Industrial Tech | | | | | | \$26,127 | \$26,127 |
| Information Tech | \$26,182 | | | | | | \$26,182 |
| Laboratory Assisting Option B | | | \$20,351 | | | | \$20,351 |
| Law Public Safety & Secu Adv App | | | \$986 | | | | \$986 |
| Life Connections | | | \$1,016 | | | \$18,956 | \$19,972 |
| Mechanical Drafting Option D | | | \$532 | | | | \$532 |
| Medical Imaging Support Srv Option C | | | \$7,210 | | | | \$7,210 |
| Nursing Services Adv App | | | \$14,493 | | | | \$14,493 |
| Pharmacy Support Srv Option A | | | \$38,628 | | | | \$38,628 |
| Prof Sales and Mktg Option A | | | | | \$30,893 | | \$30,893 |
| Renew Natl Res COOP | | | | | \$50,723 | | \$50,723 |
| Software Development Option C | | | \$569 | | | | \$569 |
| Sports Med and Rehab Therapies Option D | | | \$12,261 | | | | \$12,261 |
| Welding Tech Core Curriculum | | | | \$16,148 | \$48,237 | | \$64,385 |
| Welding Technology I Option A | | | | \$44,766 | \$57,092 | | \$101,858 |
| Woodworking Adv App | | | | \$27,840 | | \$19,966 | \$47,806 |
| Woodworking Fundamentals | | | | \$27,840 | | \$14,991 | \$42,831 |
| Grand Total | \$187,938 | \$209,700 | \$379,035 | \$333,704 | \$1,021,932 | \$307,461 | \$2,439,770 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NATIVE - 081114
Course Cost Aggregate Total

| Number | Course Title | Total Aggregate Course Cost |
|------------|---|-----------------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$33,680 |
| 52.0300.20 | Acctg Systems and Related Srv | \$64,326 |
| 52.0200.30 | Admini Infor Mgmt | \$104,017 |
| 01.0100.12 | Agricultural Bus Mgmt - Appl Biologica | \$142,827 |
| 01.0100.10 | Agricultural Bus Mgmt - Intro Appl Biol | \$227,854 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$162,160 |
| 01.0100.40 | Animal Systems Option C | \$38,418 |
| 15.1300.20 | Architectural Drafting Option A | \$116,889 |
| 47.0600.10 | Auto Tech Core Curr | \$120,546 |
| 47.0600.20 | Automotive Technology I Option A | \$104,064 |
| 47.0600.30 | Automotive Technology II Option A | \$59,652 |
| 15.0300.20 | Basic Electricity Prin and App Option A | \$12,700 |
| 15.0300.30 | Basic Electronics Prin and App Option | \$16,751 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$275,517 |
| 52.0200.20 | Business Office Operations | \$86,200 |
| 10.0300.40 | Commercial Art I Option B | \$20,252 |
| 15.1200.20 | Computer Maintenance Option A | \$99,319 |
| 46.0400.10 | Construction Tech Core Curri | \$255,108 |
| 46.0400.20 | Construction Tech I Option A | \$156,273 |
| 46.0400.30 | Construction Tech II Option A | \$149,757 |
| 12.0400.20 | Cosmetology Advanced App | \$5,700 |
| 12.0500.20 | Culinary Arts Applications | \$125,544 |
| 12.0500.10 | Culinary Arts Fundamentals | \$191,421 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$157,208 |
| 13.1200.20 | Early Childhood Education App | \$98,178 |
| 13.1200.10 | Early Childhood Education Fundtl | \$238,311 |
| 10.0200.20 | Electronic Journalism Option A | \$10,801 |
| 15.0300.10 | Electronics Tech Core Curr | \$25,252 |
| 52.1800.50 | Entrepreneurship Option D | \$15,389 |
| 52.0800.20 | Financial Svcs Systems | \$10,901 |
| 12.0400.10 | Fundamentals of Cosmetology | \$49,686 |
| 10.0300.10 | Fundtl of Graphic Communications | \$122,571 |
| 15.1200.10 | Fundtls of Information Technology | \$324,930 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$49,443 |

| Number | Course Title | Total Aggregate Course Cost |
|--------------------|---|-----------------------------|
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$20,252 |
| 51.1600.10 | Fundtls of Nursing Svcs | \$103,173 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$225,498 |
| 10.0300.20 | Graphic Arts I Option A | \$186,976 |
| 10.0300.30 | Graphic Arts II Option A | \$134,813 |
| 52.0900.20 | Hospitality Mgmt App | \$9,642 |
| 52.0900.10 | Hospitality Mgmt Fundtls | \$97,900 |
| 10.0200.30 | Interactive Digital Media Option B | \$10,801 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$30,937 |
| 15.1300.50 | Mechanical Drafting Option D | \$13,247 |
| 15.1200.30 | Network Technology Option B | \$85,727 |
| 51.1600.20 | Nursing Services Adv App | \$130,152 |
| 10.0300.60 | Photo Imaging I Option C | \$66,713 |
| 01.0100.30 | Plant Systems Option B | \$45,598 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$10,800 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$165,309 |
| 15.1200.50 | Web Page Development Option D | \$105,222 |
| 48.0500.10 | Welding Tech Core Curriculum | \$418,721 |
| 48.0500.20 | Welding Technology I Option A | \$199,578 |
| 48.0500.30 | Welding Technology II Option A | \$171,588 |
| 48.0700.20 | Woodworking Adv App | \$67,644 |
| 48.0700.10 | Woodworking Fundamentals | \$125,947 |
| Grand Total | | \$6,097,881 |

Member Districts

- Chinle USD
- Ganado USD
- Kayenta USD
- Red Mesa USD
- Pinon USD
- Sanders USD
- Tuba City USD
- Window Rock USD

**2006-2007 JTED - NATIVE - 081114
Course Cost Aggregate Total**

ADDITIONAL COST INFORMATION OR COMMENTS:

N.A.T.I.V.E. does not have any central facility course offerings. We offer "Virtual" distance learning classes by broadcasting across a DS3 network to our sites. The nursing program is an example of our "Virtual" centralized model. College credit and high school credit is available to the site students. N.A.T.I.V.E. provides professional development through a contract with Northern Arizona University (NAU) which provides a full time instructional design trainer for our CTE teachers. In addition, N.A.T.I.V.E./NAU offers an eight-day summer institute on instructional design and integration of academics.

Although the professional development and the Video Conferencing Distance Learning (VCDL) resources are very expensive to N.A.T.I.V.E., we feel that it is critical to the success of our JTED teachers to have the tools and professional development they need to provide quality JTED instruction to our students.

The N.A.T.I.V.E. JTED covers approximately 25000 sq. miles of isolated rural area. VCDL allows N.A.T.I.V.E. to increase offerings to students, provide college classes, have virtual meetings and trainings and standardize the instructional quality.

N.A.T.I.V.E. is developing a JTED model for programs such as welding, culinary arts, construction, and education professions. The model includes facilities, equipment, teacher certifications and licenses and ongoing professional development. In order for a site to receive N.A.T.I.V.E. funds for one of its programs, it must meet the evaluation criteria annually as it works up to the JTED-level model. Annually, N.A.T.I.V.E. offers a SkillsNATIVE Conference where our students "show what they know" and prepare for state and national skill contests.

**ESTIMATED AGGREGATE COURSE COST
Percent Expenditure by Cost Category**

| | <u>MODE</u> | <u>MEDIAN</u> | <u>MAX</u> |
|-----------|-------------|---------------|------------|
| Salaries | | | |
| ERE | | | |
| Purchased | | | |
| Services | | | |
| Supplies | | | |
| Rentals | | | |
| Books & | | | |
| Inst Aids | | | |
| Property | | | |
| Equipment | | | |
| Other | | | |

Data not supplied

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NATIVE - 081114

Course Cost Aggregate Total

| Course Title | School | | | | | | | | Grand Total |
|---|------------|------------|-------------|-----------|--------------|-------------|---------------|-----------------|-------------|
| | Chinle USD | Ganado USD | Kayenta USD | Pinon USD | Red Mesa USD | Sanders USD | Tuba City USD | Window Rock USD | |
| Accounting and Related Srv Tech | \$20,252 | | | | | | | \$13,427 | \$33,680 |
| Acctg Systems and Related Srv | \$10,901 | | | | | | | \$53,424 | \$64,326 |
| Admini Infor Mgmt | \$9,000 | \$28,917 | \$66,100 | | | | | | \$104,017 |
| Agricultural Bus Mgmt - Appl Biological Sys | \$24,303 | \$20,002 | \$38,352 | | \$60,171 | | | | \$142,827 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | \$35,104 | \$37,146 | \$27,772 | \$70,222 | \$57,611 | | | | \$227,854 |
| Agriculture Bus Mgmt - Agriscience | \$15,751 | \$20,002 | \$27,772 | \$43,586 | \$55,050 | | | | \$162,160 |
| Animal Systems Option C | | \$11,440 | \$26,978 | | | | | | \$38,418 |
| Architectural Drafting Option A | \$24,700 | \$14,287 | \$30,417 | | | \$19,123 | \$14,925 | \$13,437 | \$116,889 |
| Auto Tech Core Curr | \$54,979 | | | | | | \$17,504 | \$48,063 | \$120,546 |
| Automotive Technology I Option A | | | | | | | \$31,320 | \$72,744 | \$104,064 |
| Automotive Technology II Option A | \$21,755 | | | | | | \$16,704 | \$21,193 | \$59,652 |
| Basic Electricity Prin and App Option A | \$12,700 | | | | | | | | \$12,700 |
| Basic Electronics Prin and App Option B | \$16,751 | | | | | | | | \$16,751 |
| Bus Mgmt/Admin Srv Fundtl | \$15,750 | \$38,575 | \$124,729 | \$24,322 | | | \$72,141 | | \$275,517 |
| Business Office Operations | \$13,500 | \$35,802 | \$10,576 | \$26,322 | | | | | \$86,200 |
| Commercial Art I Option B | \$20,252 | | | | | | | | \$20,252 |
| Computer Maintenance Option A | | | | | | | \$14,148 | \$85,171 | \$99,319 |
| Construction Tech Core Curri | \$39,600 | | \$87,283 | \$43,586 | | | \$42,319 | \$42,319 | \$255,108 |
| Construction Tech I Option A | \$10,801 | | \$18,514 | \$42,319 | | | \$42,319 | \$42,319 | \$156,273 |
| Construction Tech II Option A | \$22,800 | | | \$42,319 | | | \$42,319 | \$42,319 | \$149,757 |
| Cosmetology Advanced App | \$5,700 | | | | | | | | \$5,700 |
| Culinary Arts Applications | \$38,353 | \$15,716 | | \$19,372 | | | \$52,104 | | \$125,544 |
| Culinary Arts Fundamentals | \$16,202 | \$75,292 | | \$29,214 | | | \$70,712 | | \$191,421 |
| Draft/Design Tech Core Curriculum | \$15,600 | \$51,434 | | | | \$27,319 | | \$62,855 | \$157,208 |
| Early Childhood Education App | | | | \$29,057 | | | \$32,659 | \$36,461 | \$98,178 |
| Early Childhood Education Fundtl | | | \$74,720 | \$48,036 | | | \$69,499 | \$46,056 | \$238,311 |
| Electronic Journalism Option A | \$10,801 | | | | | | | | \$10,801 |
| Electronics Tech Core Curr | \$25,252 | | | | | | | | \$25,252 |
| Entrepreneurship Option D | | | | \$15,389 | | | | | \$15,389 |
| Financial Svcs Systems | \$10,901 | | | | | | | | \$10,901 |
| Fundamentals of Cosmetology | \$49,686 | | | | | | | | \$49,686 |
| Fundtl of Graphic Communications | \$28,353 | \$15,716 | \$33,062 | | \$24,324 | | | \$21,116 | \$122,571 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NATIVE - 081114
 Course Cost Aggregate Total

| Course Title | School | | | | | | | | Grand Total |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|
| | Chinle USD | Ganado USD | Kayenta USD | Pinon USD | Red Mesa USD | Sanders USD | Tuba City USD | Window Rock USD | |
| Fundtls of Information Technology | \$8,101 | \$11,430 | \$35,616 | | | \$35,340 | \$134,810 | \$99,634 | \$324,930 |
| Fundtls of Law Public Safety & Secu | \$19,440 | \$30,003 | | | | | | | \$49,443 |
| Fundtls of Mktg, Mgmt and Entrepr | \$20,252 | | | | | | | | \$20,252 |
| Fundtls of Nursing Svcs | \$49,403 | \$41,003 | | | | | \$12,768 | | \$103,173 |
| Fundtls of Radio/Television Tech | \$68,858 | | | | | | | \$156,640 | \$225,498 |
| Graphic Arts I Option A | \$14,852 | \$54,290 | \$22,484 | | \$24,324 | | | \$71,025 | \$186,976 |
| Graphic Arts II Option A | \$8,487 | \$14,287 | \$43,563 | | \$28,165 | | | \$40,312 | \$134,813 |
| Hospitality Mgmt App | | | | | | | | \$9,642 | \$9,642 |
| Hospitality Mgmt Fundtls | | | | | | | | \$97,900 | \$97,900 |
| Interactive Digital Media Option B | \$10,801 | | | | | | | | \$10,801 |
| Law Public Safety & Secu Adv App | \$10,935 | \$20,002 | | | | | | | \$30,937 |
| Mechanical Drafting Option D | | | | | | \$13,247 | | | \$13,247 |
| Network Technology Option B | \$6,751 | | | | | \$66,120 | | \$12,856 | \$85,727 |
| Nursing Services Adv App | \$16,468 | | \$36,322 | \$48,429 | \$28,934 | | | | \$130,152 |
| Photo Imaging I Option C | \$66,713 | | | | | | | | \$66,713 |
| Plant Systems Option B | | | \$23,805 | \$21,793 | | | | | \$45,598 |
| Prof Sales and Mktg Option A | \$10,800 | | | | | | | | \$10,800 |
| Sports Med and Rehab Therapies Option D | | \$91,111 | | | | | | \$74,198 | \$165,309 |
| Web Page Development Option D | | \$43,200 | \$42,319 | | | | \$19,703 | | \$105,222 |
| Welding Tech Core Curriculum | \$28,353 | | \$60,834 | \$118,651 | | \$70,830 | \$63,269 | \$76,784 | \$418,721 |
| Welding Technology I Option A | \$28,353 | | \$44,964 | \$58,115 | | \$17,106 | \$18,507 | \$32,533 | \$199,578 |
| Welding Technology II Option A | \$28,353 | | \$33,062 | \$29,057 | | \$22,809 | \$58,307 | | \$171,588 |
| Woodworking Adv App | | \$17,715 | | | \$49,929 | | | | \$67,644 |
| Woodworking Fundamentals | | \$78,578 | | | \$47,369 | | | | \$125,947 |
| Grand Total | \$966,667 | \$765,944 | \$909,243 | \$709,789 | \$375,877 | \$271,894 | \$826,036 | \$1,272,429 | \$6,097,881 |

2006 – 2007 Cost Reporting Summaries

**2006-2007 JTED - CAVIT - 110801
Course Cost Aggregate Total**

| Number | Course Title | Aggregate Course Cost |
|------------|---|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$5,134 |
| 52.0300.20 | Acctg Systems and Related Srv | \$12,262 |
| 52.0200.30 | Admini Infor Mgmt | \$51,956 |
| 01.0100.12 | Agricultural Bus Mgmt - Appl Biological | \$82,321 |
| 01.0100.10 | Agricultural Bus Mgmt - Intro Appl Bio | \$126,361 |
| 01.0100.14 | Agriculture Bus Mgmt - Agriscience | \$41,440 |
| 47.0600.10 | Auto Tech Core Curr | \$146,864 |
| 47.0600.40 | Automotive Collision Repair I Option B | \$20,623 |
| 47.0600.50 | Automotive Collision Repair II Option B | \$20,623 |
| 47.0600.20 | Automotive Technology I Option A | \$57,747 |
| 52.0200.80 | Bus Mgmt/Admin Srv COOP | \$20,564 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$247,097 |
| 52.0200.20 | Business Office Operations | \$64,512 |
| 10.0300.40 | Commercial Art I Option B | \$13,519 |
| 10.0300.50 | Commercial Art II Option B | \$13,519 |
| 15.1200.20 | Computer Maintenance Option A | \$19,351 |
| 46.0400.10 | Construction Tech Core Curri | \$229,183 |
| 46.0400.20 | Construction Tech I Option A | \$114,145 |
| 12.0400.20 | Cosmetology Advanced App | \$12,922 |
| 12.0500.20 | Culinary Arts Applications | \$193,727 |
| 12.0500.10 | Culinary Arts Fundamentals | \$340,978 |
| 13.1200.20 | Early Childhood Education App | \$69,998 |
| 13.1200.10 | Early Childhood Education Fundtl | \$32,822 |
| 13.1500.20 | Education Professions App | \$30,478 |
| 13.1500.10 | Education Professions Fundtl | \$40,232 |
| 10.0200.20 | Electronic Journalism Option A | \$26,776 |
| 12.0400.10 | Fundamentals of Cosmetology | \$12,922 |
| 15.0600.10 | Fundamentals of Industrial Mfg | \$39,579 |
| 51.0800.10 | Fundtl of Allied Health Srv | \$59,082 |
| 10.0300.10 | Fundtl of Graphic Communications | \$135,900 |
| 15.1200.10 | Fundtls of Information Technology | \$19,351 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$90,896 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$54,096 |
| 51.1600.10 | Fundtls of Nursing Svcs | \$36,813 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$149,233 |
| 10.0300.20 | Graphic Arts I Option A | \$7,772 |

| Number | Course Title | Aggregate Course Cost |
|--------------------|---|-----------------------|
| 10.0300.30 | Graphic Arts II Option A | \$9,013 |
| 52.0900.20 | Hospitality Mgmt App | \$49,408 |
| 52.0900.10 | Hospitality Mgmt Fundtls | \$123,301 |
| 51.0800.30 | Laboratory Assisting Option B | \$145,475 |
| 43.0100.20 | Law Public Safety & Secu Adv App | \$16,422 |
| 52.1800.80 | Mktg, Mgmt and Entrepr COOP | \$38,640 |
| 01.0100.30 | Plant Systems Option B | \$83,109 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$77,281 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$157,642 |
| Grand Total | | \$3,341,089 |

**Estimated Aggregate Course Cost
Percent Expenditure by Course Category**

| | MODE | MEDIAN | MAX |
|--------------------|------|--------|------|
| Salaries | 49% | 45% | 69% |
| ERE | 13% | 13% | 31% |
| Purchased Services | 0% | 0% | 100% |
| Supplies | 0% | 3% | 30% |
| Rentals | 0% | 0% | 0% |
| Books & Inst Aids | 0% | 0% | 0% |
| Property | 0% | 0% | 0% |
| Equipment | 0% | 0% | 19% |
| Other | 33% | 37% | 56% |

Member Districts

- Casa Grande Union HSD
- CAVIT Central
- Coolidge USD
- Florence USD
- Maricopa USD
- Santa Cruz Valley USD

ADDITIONAL COST INFORMATION OR COMMENTS:

1. All of CAVIT's cost of courses data were gathered during the Spring of 2007 and reported to the JLBC as required. The original data did not match this report's format as requested by ADE which was sent to CAVIT seven weeks before this report was due. Therefore, all the original data had to be reconfigured/analyzed to match the ADE format.
2. Because of this, many of the costs originally gathered by CAVIT for the JLBC report had to be reported under the "other" category.
3. During the Spring, each satellite district was asked to report each CTE teacher's salary, benefits and additional stipends for CTSO's etc. In addition they reported, when available, three year's expenditures for CTE program professional development, substitute pay, capital, utilities, building maintenance, insurance (property only) and equipment maintenance. These data were then averaged to determine the variable's cost.
4. Utilities, building maintenance and insurance was established by the square footage for each CTE program classroom/laboratory.
5. In addition, a "support" cost was established by charging the cost of one counselor and a percentage of one principal's salary based on number of CTE courses vs. number of all other courses offered in the high school.
6. Cost per course has been reported by individual period/s because cost data were originally determined for utilities and maintenance by individual period. This was necessary because many of the courses are taught by the same teacher during the same period. This usually takes place with "advanced" courses.
7. The following costs were added together and reported under the "other" category when available : CTSO stipends, substitute pay, utilities, building maintenance, insurance and equipment repair.

PLEASE NOTE: These costs should be considered as very conservative and are noted as "estimated". Because cost data were acquired "after the fact", many districts were unable to capture all cost data as originally requested by CAVIT last Spring. In addition, there were only basic estimates of support costs and no costs relating to central office administrative were included.

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CAVIT - 110801

Course Cost Aggregate Total

| Course Title | School | | | | | | Grand Total |
|---|-----------------------|---------------|--------------|--------------|--------------|-----------------------|-------------|
| | Casa Grande Union HSD | CAVIT Central | Coolidge USD | Florence USD | Maricopa USD | Santa Cruz Valley USD | |
| Accounting and Related Srv Tech | \$5,134 | | | | | | \$5,134 |
| Acctg Systems and Related Srv | \$12,262 | | | | | | \$12,262 |
| Admin Infor Mgmt | \$14,255 | | | \$37,701 | | | \$51,956 |
| Agricultural Bus Mgmt - Appl Biological Sys | \$20,834 | | \$38,281 | | \$23,205 | | \$82,321 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | \$41,669 | | \$38,281 | | \$46,411 | | \$126,361 |
| Agriculture Bus Mgmt - Agriscience | \$10,417 | | \$19,141 | | \$11,882 | | \$41,440 |
| Auto Tech Core Curr | \$111,397 | | \$35,467 | | | | \$146,864 |
| Automotive Collision Repair I Option B | \$20,623 | | | | | | \$20,623 |
| Automotive Collision Repair II Option B | \$20,623 | | | | | | \$20,623 |
| Automotive Technology I Option A | \$22,279 | | \$35,467 | | | | \$57,747 |
| Bus Mgmt/Admin Srv COOP | | | | \$20,564 | | | \$20,564 |
| Bus Mgmt/Admin Srv Fundtl | \$85,436 | | \$53,672 | \$47,983 | \$60,006 | | \$247,097 |
| Business Office Operations | \$7,128 | | | \$17,137 | \$40,247 | | \$64,512 |
| Commercial Art I Option B | \$13,519 | | | | | | \$13,519 |
| Commercial Art II Option B | \$13,519 | | | | | | \$13,519 |
| Computer Maintenance Option A | | | \$19,351 | | | | \$19,351 |
| Construction Tech Core Curri | \$108,000 | | | \$51,353 | | \$69,830 | \$229,183 |
| Construction Tech I Option A | \$37,116 | | | \$77,029 | | | \$114,145 |
| Cosmetology Advanced App | | \$12,922 | | | | | \$12,922 |
| Culinary Arts Applications | \$63,140 | | \$40,156 | | \$40,209 | \$50,222 | \$193,727 |
| Culinary Arts Fundamentals | \$110,497 | | \$112,746 | | \$80,419 | \$37,317 | \$340,978 |
| Early Childhood Education App | \$65,644 | | \$4,354 | | | | \$69,998 |
| Early Childhood Education Fundtl | \$32,822 | | | | | | \$32,822 |
| Education Professions App | | | \$30,478 | | | | \$30,478 |
| Education Professions Fundtl | | | \$40,232 | | | | \$40,232 |
| Electronic Journalism Option A | \$19,179 | | | \$7,597 | | | \$26,776 |
| Fundamentals of Cosmetology | | \$12,922 | | | | | \$12,922 |
| Fundamentals of Industrial Mfg | | | \$39,579 | | | | \$39,579 |
| Fundtl of Allied Health Srv | | | | | | \$59,082 | \$59,082 |
| Fundtl of Graphic Communications | \$112,343 | \$23,557 | | | | | \$135,900 |
| Fundtls of Information Technology | | | \$19,351 | | | | \$19,351 |
| Fundtls of Law Public Safety & Secu | | | | \$65,686 | \$25,209 | | \$90,896 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - CAVIT - 110801

Course Cost Aggregate Total

| Course Title | School | | | | | | Grand Total |
|---|-----------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| | Casa Grande Union HSD | CAVIT Central | Coolidge USD | Florence USD | Maricopa USD | Santa Cruz Valley USD | |
| Fundtls of Mktg, Mgmt and Entrepr | \$54,096 | | | | | | \$54,096 |
| Fundtls of Nursing Svcs | \$36,813 | | | | | | \$36,813 |
| Fundtls of Radio/Television Tech | \$76,551 | | | \$72,682 | | | \$149,233 |
| Graphic Arts I Option A | \$7,772 | | | | | | \$7,772 |
| Graphic Arts II Option A | \$9,013 | | | | | | \$9,013 |
| Hospitality Mgmt App | \$14,054 | | \$35,353 | | | | \$49,408 |
| Hospitality Mgmt Fundtls | \$70,271 | | \$53,030 | | | | \$123,301 |
| Laboratory Assisting Option B | | \$145,475 | | | | | \$145,475 |
| Law Public Safety & Secu Adv App | | | | \$16,422 | | | \$16,422 |
| Mktg, Mgmt and Entrepr COOP | \$38,640 | | | | | | \$38,640 |
| Plant Systems Option B | \$52,086 | | \$19,141 | | \$11,882 | | \$83,109 |
| Prof Sales and Mktg Option A | \$77,281 | | | | | | \$77,281 |
| Sports Med and Rehab Therapies Option D | \$94,822 | | | | \$62,820 | | \$157,642 |
| Grand Total | \$1,479,237 | \$194,875 | \$634,082 | \$414,152 | \$402,291 | \$216,451 | \$3,341,089 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NAVIT - 090835
Course Cost Aggregate Total

| Number | Course Title | Aggregate Course Cost |
|------------|--|-----------------------|
| 52.0300.10 | Accounting and Related Srv Tech | \$79,737 |
| 52.0300.20 | Acctg Systems and Related Srv | \$80,008 |
| 52.0200.30 | Admini Infor Mgmt | \$169,630 |
| 01.0100.10 | Agr Bus Mgmt - Intro Appl Biological Sys | \$25,640 |
| 01.0300.10 | Agriscience I | \$27,396 |
| 03.0200.10 | Agrisci-Renew Natl Res | \$25,640 |
| 01.0100.40 | Animal Systems Option C | \$54,792 |
| 99.0300.40 | Appl Biolog Sys - Food Sci | \$18,952 |
| 99.0300.30 | Appl Biolog Sys - Health | \$28,440 |
| 99.0300.20 | Appl Biological Sys - Ag | \$25,640 |
| 15.1300.20 | Architectural Drafting Option A | \$191,609 |
| 10.0200.75 | Audio/Visual Tech- Internship | \$17,092 |
| 47.0600.10 | Auto Tech Core Curr | \$275,857 |
| 47.0600.20 | Automotive Technology I Option A | \$323,935 |
| 47.0600.30 | Automotive Technology II Option A | \$115,861 |
| 52.0200.10 | Bus Mgmt/Admin Srv Fundtl | \$388,694 |
| 52.0200.75 | Bus Mgmt/Admin Srv Internship | \$45,965 |
| 99.0400.10 | Business Mgmt Tech | \$284,408 |
| 10.0300.40 | Commercial Art I Option B | \$12,557 |
| 10.0300.50 | Commercial Art II Option B | \$12,557 |
| 15.1200.20 | Computer Maintenance Option A | \$45,256 |
| 46.0400.10 | Construction Tech Core Curri | \$295,357 |
| 46.0400.20 | Construction Tech I Option A | \$370,145 |
| 46.0400.30 | Construction Tech II Option A | \$161,494 |
| 12.0400.20 | Cosmetology Advanced App | \$235,664 |
| 12.0500.20 | Culinary Arts Applications | \$247,252 |
| 12.0500.10 | Culinary Arts Fundamentals | \$306,553 |
| 12.0500.75 | Culinary Arts- Internship | \$1,327 |
| 52.1900.10 | Design and Mdse Core Curricu | \$106,814 |
| 15.1300.10 | Draft/Design Tech Core Curriculum | \$201,159 |
| 13.1200.20 | Early Childhood Education App | \$113,648 |
| 13.1200.10 | Early Childhood Education Fundtl | \$278,892 |
| 13.1200.75 | Early Childhood Education-Internship | \$3,064 |
| 13.1500.20 | Education Professions App | \$74,519 |
| 13.1500.10 | Education Professions Fundtl | \$1,280 |
| 10.0200.20 | Electronic Journalism Option A | \$12,557 |
| 52.1800.50 | Entrepreneurship Option D | \$10,489 |
| 52.1900.20 | Fashion Design & Mdse App Option A | \$42,458 |

| Number | Course Title | Aggregate Course Cost |
|------------|---|-----------------------|
| 43.0200.20 | Fire Science Adv App | \$481,262 |
| 01.0100.20 | Food Prod/Processing Sys Agr Sys Option A | \$27,396 |
| 12.0400.10 | Fundamentals of Cosmetology | \$3,444 |
| 51.0800.10 | Fundtl of Allied Health Srv | \$340,132 |
| 10.0300.10 | Fundtl of Graphic Communications | \$193,319 |
| 15.1200.10 | Fundtls of Information Technology | \$132,410 |
| 43.0100.10 | Fundtls of Law Public Safety & Secu | \$28,851 |
| 52.1800.10 | Fundtls of Mktg, Mgmt and Entrepr | \$46,348 |
| 51.1600.10 | Fundtls of Nursing Svcs | \$97,405 |
| 10.0200.10 | Fundtls of Radio/Television Tech | \$137,697 |
| 10.0300.30 | Graphic Arts II Option A | \$266,847 |
| 10.0300.75 | Graphics Comm-Internship | \$1,374 |
| 49.0200.10 | Heavy Equip Op Fund | \$186,071 |
| 46.0400.40 | Industrial Maintenance I Option B | \$52,704 |
| 46.0400.50 | Industrial Maintenance II Option B | \$0 |
| 99.0200.10 | Industrial Tech | \$147,900 |
| 99.0100.10 | Information Tech | \$1,764 |
| 10.0200.30 | Interactive Digital Media Option B | \$146,156 |
| 99.0500.10 | Life Connections | \$237,503 |
| 48.0500.40 | Machining Technology I Option B | \$32,523 |
| 48.0500.50 | Machining Technology II Option B | \$32,523 |
| 15.0600.30 | Metals Manufacturing Option A | \$12,674 |
| 52.1800.75 | Mktg, Mgmt and Entrepr-Internship | \$5,061 |
| 15.1200.30 | Network Technology Option B | \$119,497 |
| 51.1600.20 | Nursing Services Adv App | \$76,734 |
| 10.0300.60 | Photo Imaging I Option C | \$65,700 |
| 10.0300.90 | Photo Imaging II Option C | \$48,370 |
| 52.1800.20 | Prof Sales and Mktg Option A | \$52,879 |
| 03.0200.30 | Renew Natl Res Bus Mgmt | \$25,640 |
| 03.0200.60 | Renew Natl Resources Mech | \$25,640 |
| 15.1200.40 | Software Development Option C | \$15,550 |
| 51.0800.50 | Sports Med and Rehab Therapies Option D | \$62,475 |
| 15.1200.50 | Web Page Development Option D | \$119,313 |
| 48.0500.10 | Welding Tech Core Curriculum | \$118,214 |
| 48.0500.20 | Welding Technology I Option A | \$173,021 |
| 48.0500.30 | Welding Technology II Option A | \$205,881 |
| 48.0700.20 | Woodworking Adv App | \$166,702 |
| 48.0700.10 | Woodworking Fundamentals | \$361,188 |

Grand Total

\$8,960,512

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NAVIT - 090835
 Course Cost Aggregate Total

Estimated Aggregate Course Cost*
Percent Expenditure by Course Category

| | <u>MODE</u> | <u>MEDIAN</u> | <u>MAX</u> |
|-------------------|-------------|---------------|------------|
| Salaries | 58% | 45% | 96% |
| ERE | 12% | 12% | 36% |
| Purchased | | | |
| Services | 0% | 0% | 15% |
| Supplies | 0% | 4% | 21% |
| Rentals | 0% | 0% | 10% |
| Books & Inst Aids | 0% | 0% | 17% |
| Property | 0% | 7% | 59% |
| Equipment | 0% | 6% | 47% |
| Other | 4% | 7% | 91% |

*Satellite Schools Only (Excludes \$0 Salary Courses)

Member Districts

- Blue Ridge USD
- Heber-Overgaard USD
- Holbrook USD
- Joseph City USD
- Payson USD
- Round Valley USD
- Show Low USD
- Snowflake USD
- St. Johns USD
- Whiteriver USD
- Winslow USD

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NAVIT - 090835

Course Cost Aggregate Total

| Course Title | NAVIT Central - | | Grand Total |
|---|---------------------------|-------------------|-------------|
| | Northland Pioneer College | Secondary Schools | |
| Accounting and Related Srv Tech | | \$79,737 | \$79,737 |
| Acctg Systems and Related Srv | | \$80,008 | \$80,008 |
| Admini Infor Mgmt | | \$169,630 | \$169,630 |
| Agricultural Bus Mgmt - Intro Appl Biological Sys | | \$25,640 | \$25,640 |
| Agriscience I | | \$27,396 | \$27,396 |
| Agrisci-Renew Natl Res | | \$25,640 | \$25,640 |
| Animal Systems Option C | | \$54,792 | \$54,792 |
| Appl Biolog Sys - Food Sci | | \$18,952 | \$18,952 |
| Appl Biolog Sys - Health | | \$28,440 | \$28,440 |
| Appl Biological Sys - Ag | | \$25,640 | \$25,640 |
| Architectural Drafting Option A | | \$191,609 | \$191,609 |
| Audio/Visual Tech- Internship | | \$17,092 | \$17,092 |
| Auto Tech Core Curr | \$25,941 | \$249,917 | \$275,857 |
| Automotive Technology I Option A | \$25,941 | \$297,994 | \$323,935 |
| Automotive Technology II Option A | \$25,941 | \$89,920 | \$115,861 |
| Bus Mgmt/Admin Srv Fundtl | | \$388,694 | \$388,694 |
| Bus Mgmt/Admin Srv Internship | | \$45,965 | \$45,965 |
| Business Mgmt Tech | | \$284,408 | \$284,408 |
| Commercial Art I Option B | | \$12,557 | \$12,557 |
| Commercial Art II Option B | | \$12,557 | \$12,557 |
| Computer Maintenance Option A | | \$45,256 | \$45,256 |
| Construction Tech Core Curri | | \$295,357 | \$295,357 |
| Construction Tech I Option A | | \$370,145 | \$370,145 |
| Construction Tech II Option A | | \$161,494 | \$161,494 |
| Cosmetology Advanced App | \$232,220 | \$3,444 | \$235,664 |
| Culinary Arts Applications | | \$247,252 | \$247,252 |
| Culinary Arts Fundamentals | | \$306,553 | \$306,553 |
| Culinary Arts- Internship | | \$1,327 | \$1,327 |
| Design and Mdse Core Curricu | | \$106,814 | \$106,814 |
| Draft/Design Tech Core Curriculum | | \$201,159 | \$201,159 |
| Early Childhood Education App | | \$113,648 | \$113,648 |
| Early Childhood Education Fundtl | | \$278,892 | \$278,892 |
| Early Childhood Education-Intemship | | \$3,064 | \$3,064 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NAVIT - 090835

Course Cost Aggregate Total

| Course Title | School | | Grand Total |
|---|---|-------------------|------------------|
| | NAVIT Central - Northland Pioneer College | Secondary Schools | |
| Education Professions App | \$73,239 | \$1,280 | \$74,519 |
| Education Professions Fundtl | | \$1,280 | \$1,280 |
| Electronic Journalism Option A | | \$12,557 | \$12,557 |
| Entrepreneurship Option D | | \$10,489 | \$10,489 |
| Fashion Design & Mdse App Option A | | \$42,458 | \$42,458 |
| Fire Science Adv App | \$481,262 | | \$481,262 |
| Food Prod/Processing Sys Agribus Sys Option A | | \$27,396 | \$27,396 |
| Fundamentals of Cosmetology | | \$3,444 | \$3,444 |
| Fundtl of Allied Health Srv | \$277,657 | \$62,475 | \$340,132 |
| Fundtl of Graphic Communications | | \$193,319 | \$193,319 |
| Fundtls of Information Technology | | \$132,410 | \$132,410 |
| Fundtls of Law Public Safety & Secu | | \$28,851 | \$28,851 |
| Fundtls of Mktg, Mgmt and Entrepr | | \$46,348 | \$46,348 |
| Fundtls of Nursing Svcs | | \$97,405 | \$97,405 |
| Fundtls of Radio/Television Tech | | \$137,697 | \$137,697 |
| Graphic Arts II Option A | | \$266,847 | \$266,847 |
| Graphics Comm-Internship | | \$1,374 | \$1,374 |
| Heavy Equip Op Fund | \$186,071 | | \$186,071 |
| Industrial Maintenance I Option B | \$52,704 | \$0 | \$52,704 |
| Industrial Maintenance II Option B | | \$0 | \$0 |
| Industrial Tech | | \$147,900 | \$147,900 |
| Information Tech | | \$1,764 | \$1,764 |
| Interactive Digital Media Option B | | \$146,156 | \$146,156 |
| Life Connections | | \$237,503 | \$237,503 |
| Machining Technology I Option B | | \$32,523 | \$32,523 |
| Machining Technology II Option B | | \$32,523 | \$32,523 |
| Metals Manufacturing Option A | | \$12,674 | \$12,674 |
| Mktg, Mgmt and Entrepr-Internship | | \$5,061 | \$5,061 |
| Network Technology Option B | | \$119,497 | \$119,497 |
| Nursing Services Adv App | \$75,403 | \$1,331 | \$76,734 |

2006 – 2007 Cost Reporting Summaries

2006-2007 JTED - NAVIT - 090835

Course Cost Aggregate Total

| Course Title | School | | Grand Total |
|---|---|--------------------|--------------------|
| | NAVIT Central - Northland Pioneer College | Secondary Schools | |
| Photo Imaging I Option C | | \$65,700 | \$65,700 |
| Photo Imaging II Option C | \$5,727 | \$42,643 | \$48,370 |
| Prof Sales and Mktg Option A | | \$52,879 | \$52,879 |
| Renew Natl Res Bus Mgmt | | \$25,640 | \$25,640 |
| Renew Natl Resources Mech | | \$25,640 | \$25,640 |
| Software Development Option C | | \$15,550 | \$15,550 |
| Sports Med and Rehab Therapies Option D | | \$62,475 | \$62,475 |
| Web Page Development Option D | | \$119,313 | \$119,313 |
| Welding Tech Core Curriculum | \$99,887 | \$18,327 | \$118,214 |
| Welding Technology I Option A | \$99,887 | \$73,134 | \$173,021 |
| Welding Technology II Option A | \$199,773 | \$6,108 | \$205,881 |
| Woodworking Adv App | | \$166,702 | \$166,702 |
| Woodworking Fundamentals | | \$361,188 | \$361,188 |
| Grand Total | \$1,861,654 | \$7,098,857 | \$8,960,512 |

JTED CTD: 070802
JTED NAME: West-MEC
Western Maricopa Education Center

Data Submitted In Response to Question 3

Paradise Valley Unified School District
 WestMEC
IGA -Exhibit A

Funding

The estimated district allocation of \$4,000,000 for funding of CTE courses will be used for salaries, benefits, supplies, purchased services and capital items. West-Mec’s estimated contribution for these services is \$2,000,000.

Financial Report FY 07 - West-MEC
District: Saddle Mountain Unified School District #90

Expenditures by Line Item

| Function | Obj. Code | Expenditures |
|---|-----------|--------------------|
| Instruction 1000 | | |
| Salaries | 6100 | \$13,720.09 |
| Employee Benefits | 6200 | \$1,934.04 |
| Purchased Professional Services | 6300 | \$4,675.00 |
| Purchased Property Services | 6400 | \$0.00 |
| Other Purchased Services | 6500 | \$6,212.08 |
| Supplies / Textbooks / Instructional Aids | 6600 | \$20,900.01 |
| Property | 6700 | \$17,979.45 |
| Other Expenses | 6800 | \$570.00 |
| Instruction 1000 Sub-Total: | | \$65,990.67 |
| Support Services 2100, 2200, 2600-2900 | | |
| Salaries | 6100 | _____ |
| Employee Benefits | 6200 | _____ |
| Purchased Professional Services | 6300 | _____ |
| Purchased Property Services | 6400 | _____ |
| Other Purchased Services | 6500 | _____ |
| Supplies / Textbooks / Instructional Aids | 6600 | _____ |
| Property | 6700 | _____ |
| Other Expenses | 6800 | _____ |
| Support Services Sub-Total: | | \$0.00 |

Financial Report FY 07 - West-MEC
District: Saddle Mountain Unified School District #90

| | | |
|---|------|--------|
| Salaries | 6100 | _____ |
| Employee Benefits | 6200 | _____ |
| Purchased Professional Services | 6300 | _____ |
| Purchased Property Services | 6400 | _____ |
| Other Purchased Services | 6500 | _____ |
| Supplies / Textbooks / Instructional Aids | 6600 | _____ |
| Property | 6700 | _____ |
| Other Expenses | 6800 | _____ |
| Support Services - Admin 2300, 2400, 2500 Sub-Total: | | \$0.00 |

Building Improvements

| | | |
|---|------|--------|
| Purchased Property Services | 6400 | _____ |
| Property | 6700 | _____ |
| Building Improvements Sub-Total: | | \$0.00 |

Summary

| | |
|--|-------------|
| Carry Over from Prior Year | \$39,640.14 |
| Current Year IGA Funding* | \$34,767.29 |
| Total West-MEC Funds Available | \$74,407.43 |
| Total Expenditures FY 06-07 | \$65,990.67 |
| Balance to Carryover to FY 07-08: | \$8,416.76 |

*Remaining 2006-07 Funds were deposited into the 2007-08 Fiscal Year.
 Checks received in July 2007 IGA Revenues and Grants were
 not separated in the General Ledger.

**PEORIA
Course Cost Worksheet FY 06-07**

| Cactus High School | |
|------------------------------|----------------|
| Annual expense: | \$8,289,798.53 |
| Number of courses in school: | 209 |
| Cost per section: | \$39,664.11 |
| Number of CTE courses: | 41 |
| Expense for CTE courses: | \$1,626,228.42 |

| Centennial High School | |
|-------------------------------|----------------|
| Annual expense: | \$9,300,359.72 |
| Number of courses in school: | 229 |
| Cost per section: | \$40,612.92 |
| Number of CTE courses: | 61 |
| Expense for CTE courses: | \$2,477,388.40 |

| Ironwood High School | |
|------------------------------|----------------|
| Annual expense: | \$9,733,511.49 |
| Number of courses in school: | 255 |
| Cost per section: | \$38,170.63 |
| Number of CTE courses: | 55 |
| Expense for CTE courses: | \$2,099,384.83 |

| Peoria High School | |
|------------------------------|----------------|
| Annual expense: | \$9,075,371.26 |
| Number of courses in school: | 228 |
| Cost per section: | \$39,804.26 |
| Number of CTE courses: | 61 |
| Expense for CTE courses: | \$2,428,059.85 |

| Raymond S Kellis High School | |
|-------------------------------------|----------------|
| Annual expense: | \$6,848,657.86 |
| Number of courses in school: | 131 |
| Cost per section: | \$52,279.83 |
| Number of CTE courses: | 21 |
| Expense for CTE courses: | \$1,097,876.45 |

| Sunrise Mountain High School | |
|-------------------------------------|----------------|
| Annual expense: | \$8,562,783.25 |
| Number of courses in school: | 198 |
| Cost per section: | \$43,246.38 |
| Number of CTE courses: | 51 |
| Expense for CTE courses: | \$2,205,565.38 |

| Liberty High School | |
|------------------------------|----------------|
| Annual expense: | \$3,203,992.25 |
| Number of courses in school: | 52 |
| Cost per section: | \$61,615.24 |
| Number of CTE courses: | 6 |
| Expense for CTE courses: | \$369,691.41 |