

Tab D – Career Technical Education



UTAH SYSTEM OF
HIGHER EDUCATION

Building a Stronger State of Minds

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Career Technical Education

Background

Career Technical Education (CTE) includes a wide range of programs that focus on helping students, workers and lifelong learners of all ages fulfill their potential. CTE is delivered in all regions of the State by the colleges and universities within the Utah System of Higher Education. USHE institutions also work closely with the business and industry community to develop and deliver short-term programs specifically tailored to their workforce training needs. A variety of courses, certificates and associate degrees are offered that focus on the needs of individuals by providing students with:

- Applied skills for entry-level employment while laying the foundation for the academic and more advanced technical skills needed for lifelong career development.
- Education pathways that help students explore interests and careers in the process of progressing through school.
- Second-chance education and training for the unemployed and those seeking to upgrade their employability skills.
- Education to earn additional degrees, especially when related to career advancement.
- Corporate training, continuing education, skills upgrades and refresher courses for those already in the workplace.

Certificates of completion are awarded for short-term training programs or for the completion of a subset of courses required for an associate degree program. Certificates of completion may be credit or non-credit. Associate of Applied Science (AAS) degrees and Associate of Applied Technology (AAT) degrees are designed to lead students directly to employment. Associate of Arts (AA) and Associate of Science (AS) degrees are designed primarily to transfer to four-year institutions and meet the general education requirements of a Baccalaureate degree. Many AS and AA degrees also provide specific skill levels that enable students to directly enter the workforce.

Utah System of Higher Education

Career and Technical Education

Table 1: Headcount Enrollments in Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|---------------|----------------|---------------|
| UU | - | - | - |
| USU | 9,565 | 8,463 | 2,491 |
| WSU | 20,968 | 14,779 | 12,534 |
| SUU | 3,990 | 3,935 | 2,488 |
| SNOW | 3,926 | 3,637 | 2,649 |
| DSU | 5,045 | 4,158 | 3,625 |
| UVU | 21,741 | 16,303 | 16,144 |
| SLCC | 25,778 | 20,118 | 17,721 |
| Total | 91,013 | 71,393 | 57,652 |

Table 2: Headcount Enrollments in Non-Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|--------------|----------------|--------------|
| UU | - | - | - |
| USU | 781 | 781 | 692 |
| WSU | - | - | - |
| SUU | - | - | - |
| SNOW | 187 | 187 | 514 |
| DSU | 3 | - | - |
| UVU | - | - | - |
| SLCC | 4,529 | 1,498 | 246 |
| Total | 5,500 | 2,466 | 1,452 |

Table 3: Headcount Enrollments in Credit and Non-Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|---------------|----------------|---------------|
| UU | - | - | - |
| USU | 10,346 | 9,244 | 3,183 |
| WSU | 20,968 | 14,779 | 12,534 |
| SUU | 3,990 | 3,935 | 2,488 |
| SNOW | 4,113 | 3,824 | 3,163 |
| DSU | 5,048 | 4,158 | 3,625 |
| UVU | 21,741 | 16,303 | 16,144 |
| SLCC | 30,307 | 21,616 | 17,967 |
| Total | 96,513 | 73,859 | 59,104 |

Table 4: Annualized FTE Enrollments in Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|------------------|------------------|------------------|
| UU | - | - | - |
| USU | 1,691.77 | 1,507.37 | 880.40 |
| WSU | 4,999.92 | 3,929.42 | 3,345.63 |
| SUU | 768.90 | 763.10 | 381.73 |
| SNOW | 812.45 | 761.25 | 646.55 |
| DSU | 961.82 | 851.92 | 802.62 |
| UVU | 5,326.27 | 4,418.18 | 3,782.15 |
| SLCC | 6,229.78 | 5,238.18 | 4,857.35 |
| Total | 20,790.90 | 17,469.42 | 14,696.43 |

Table 5: Annualized FTE Enrollments in Non-Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|---------------|----------------|---------------|
| UU | - | - | - |
| USU | 67.39 | 67.39 | 67.39 |
| WSU | - | - | - |
| SUU | - | - | - |
| SNOW | 27.16 | 27.16 | 27.16 |
| DSU | 0.45 | - | - |
| UVU | - | - | - |
| SLCC | 303.48 | 303.48 | 298.90 |
| Total | 398.49 | 398.04 | 393.46 |

Table 6: Annualized FTE Enrollments in Credit and Non-Credit CTE Courses

| Institution | Total | Budget-Related | Perkins |
|--------------|------------------|------------------|------------------|
| UU | - | - | - |
| USU | 1,759.16 | 1,574.76 | 947.79 |
| WSU | 4,999.92 | 3,929.42 | 3,345.63 |
| SUU | 768.90 | 763.10 | 381.73 |
| SNOW | 839.61 | 788.41 | 673.71 |
| DSU | 962.27 | 851.92 | 802.62 |
| UVU | 5,326.27 | 4,418.18 | 3,782.15 |
| SLCC | 6,533.26 | 5,541.66 | 5,156.25 |
| Total | 21,189.39 | 17,867.45 | 15,089.89 |

Table 7: Perkins Annualized FTE Enrollments in Credit, Non-Credit, and STIT/Custom Fit CTE Courses

| USHE | |
|---|-------------------|
| Membership Hour Equivalent | |
| Non-Credit Membership Hours | 262,772 |
| STIT/Custom Fit Hours | 65,664 |
| + Credit Hours * 30 | 10,912,140 |
| Total Membership Hour Equivalent | 11,240,576 |
| | |
| + Membership Hours per FTE | 900 |
| FTE (Total Membership Hours/900) | 12,490 |
| | |
| Credit Hour Equivalent | |
| Non-Credit Membership Hours / 30 | 8,759 |
| STIT/Custom Fit Hours / 30 | 2,189 |
| + Credit Hours | 363,738 |
| Total Credit Hour Equivalent | 374,686 |
| | |
| + Credit Hours per FTE | 30 |
| FTE (Total Credit Hours/30) | 12,490 |

Table 8: Number of 1 & 2 Year Certificates and Associate Degrees Awarded in 2016-17 in CTE Fields

| Institution | 1 or 2 Year Certificate | Associate | Total Awards |
|--------------|-------------------------|--------------|--------------|
| UU | 0 | 0 | 0 |
| USU | 156 | 124 | 280 |
| WSU | 48 | 1,030 | 1,078 |
| SUU | 6 | 50 | 56 |
| SNOW | 70 | 229 | 299 |
| DSU | 288 | 190 | 478 |
| UVU | 186 | 677 | 863 |
| SLCC | 1,115 | 1,334 | 2,449 |
| Total | 1,869 | 3,634 | 5,503 |

Table 9A: 2016-17 Perkins Top 5 CTE Programs for Enrollment

| USHE | |
|--------------------------------------|------------|
| Program | Enrollment |
| 1. Health Professions | 14,228 |
| 2. Business | 10,359 |
| 3. Computer and Information Sciences | 6,332 |
| 4. Homeland Security | 3,674 |
| 5. Mechanic and Repair Technologies | 2,648 |

Table 9B: 2016-17 Top 5 CTE Programs for Completion

| USHE | |
|--------------------------------------|-------------|
| Program | Completions |
| 1. Health Professions | 1,911 |
| 2. Computer and Information Sciences | 1,078 |
| 3. Business | 705 |
| 4. Homeland Security | 329 |
| 5. Engineering Technologies | 284 |

Table 10: Maintenance of Effort Report for Traditional USHE Institutions CTE Courses

| Institution | Actual Expenditures* 2016-17 |
|--------------|---------------------------------|
| UU | - |
| USU | \$7,528,293 |
| WSU | \$15,229,934 |
| SUU | \$3,416,499 |
| SNOW | \$4,152,260 |
| DSU | \$3,897,974 |
| UVU | \$28,023,653 |
| SLCC | \$31,645,857 |
| Total | \$93,894,471 |

*Represents direct expenses. Expenditure data taken from USHE Data Book Tab I.