

Tab D – CTE



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

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Table 1A - Total Headcount Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU*	5,692	6,312	620	11%	12,538	6,226	99%
WSU	17,102	17,712	610	4%	17,541	(171)	-1%
SUU	3,610	3,448	(162)	-4%	3,723	275	8%
SNOW	2,974	2,933	(41)	-1%	2,926	(7)	0%
DSC	5,190	5,481	291	6%	4,500	(981)	-18%
UVU	19,319	19,210	(109)	-1%	18,233	(977)	-5%
SLCC	30,696	29,398	(1,298)	-4%	26,863	(2,535)	-9%
Total	84,583	84,494	(89)	-0.1%	86,324	1,830	2.2%

Table 1B - Budget-Related Headcount Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU*	5,089	5,011	(78)	-2%	11,207	6,196	124%
WSU	14,127	14,575	448	3%	14,618	43	0%
SUU	3,602	3,440	(162)	-4%	3,719	279	8%
SNOW	2,770	2,736	(34)	-1%	2,673	(63)	-2%
DSC	4,842	4,981	139	3%	4,009	(972)	-20%
UVU	15,038	15,179	141	1%	14,296	(883)	-6%
SLCC	25,723	24,153	(1,570)	-6%	21,892	(2,261)	-9%
Total	71,191	70,075	(1,116)	-1.6%	72,414	2,339	3.3%

Table 1C - Perkins Headcount Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU*	5,146	4,283	(863)	-17%	4,158	(125)	-3%
WSU	12,313	10,982	(1,331)	-11%	12,839	1,857	17%
SUU	3,472	3,216	(256)	-7%	3,247	31	1%
SNOW	2,968	2,958	(10)	0%	2,860	(98)	-3%
DSC	3,608	3,558	(50)	-1%	3,408	(150)	-4%
UVU	14,636	14,464	(172)	-1%	14,161	(303)	-2%
SLCC	22,021	21,312	(709)	-3%	21,801	489	2%
Total	64,164	60,773	(3,391)	-5.3%	62,474	1,701	2.8%

Table 2A - Total Headcount Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,548	1,235	(313)	-20.2%	1,276	41	3.3%
WSU	68	239	171	251.5%	380	141	59.0%
SUU	36	75	39	108.3%	31	(44)	-58.7%
SNOW	806	580	(226)	-28.0%	600	20	3.4%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	3,552	7,013	3,461	97.4%	2,434	(4,579)	-65.3%
Total	6,010	9,142	3,132	52.1%	4,721	(4,421)	-48.4%

Table 2B - Budget-Related Headcount Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,157	1,026	(131)	-11.3%	1,002	(24)	-2.3%
WSU	-	-	-	-	-	-	-
SUU	36	75	39	108.3%	31	(44)	-58.7%
SNOW	806	580	(226)	-28.0%	600	20	3.4%
DSC	-	-	-	0.0%	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	3,379	2,797	(582)	-17.2%	2,271	(526)	-18.8%
Total	5,378	4,478	(900)	-16.7%	3,904	(574)	-12.8%

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Table 2C - Perkins Headcount Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,083	782	(301)	-27.8%	821	39	5.0%
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	11	98	87	790.9%	117	19	19.4%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	3,090	2,267	(823)	-26.6%	1,569	(698)	-30.8%
Total	4,184	3,147	(1,037)	-24.8%	2,507	(640)	-20.3%

Table 3A - Total Headcount Enrollments in Credit and Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	7,240.00	7,547.00	307.00	4%	13,814.00	6,267.00	83%
WSU	17,170.00	17,951.00	781.00	5%	17,921.00	(30.00)	0%
SUU	3,646.00	3,523.00	(123.00)	-3%	3,754.00	231.00	7%
SNOW	3,780.00	3,513.00	(267.00)	-7%	3,526.00	13.00	0%
DSC	5,190.00	5,481.00	291.00	6%	4,500.00	(981.00)	-18%
UVU	19,319.00	19,210.00	(109.00)	-1%	18,233.00	(977.00)	-5%
SLCC	34,248.00	36,411.00	2,163.00	6%	29,297.00	(7,114.00)	-20%
Total	90,593.00	93,636.00	3,043.00	3.4%	91,045.00	(2,591.00)	-2.8%

Table 3B - Budget-Related Headcount Enrollments in Credit and Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	6,246.00	6,037.00	(209.00)	-3%	12,209.00	6,172.00	102%
WSU	14,127.00	14,575.00	448.00	3%	14,618.00	43.00	0%
SUU	3,638.00	3,215.00	(423.00)	-12%	3,750.00	535.00	17%
SNOW	3,576.00	3,316.00	(260.00)	-7%	3,273.00	(43.00)	-1%
DSC	4,842.00	4,981.00	139.00	3%	4,009.00	(972.00)	-20%
UVU	15,038.00	15,179.00	141.00	1%	14,296.00	(883.00)	-6%
SLCC	29,102.00	26,950.00	(2,152.00)	-7%	24,163.00	(2,787.00)	-10%
Total	76,569.00	74,553.00	(2,016.00)	-2.6%	76,318.00	1,765.00	2.4%

Table 3C - Perkins Headcount Enrollments in Credit and Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	6,229.00	5,065.00	(1,164.00)	-19%	4,979.00	(86.00)	-2%
WSU	12,313.00	10,982.00	(1,331.00)	-11%	12,839.00	1,857.00	17%
SUU	3,472.00	3,216.00	(256.00)	-7%	3,247.00	31.00	1%
SNOW	2,979.00	3,056.00	77.00	3%	2,977.00	(79.00)	-3%
DSC	3,608.00	3,558.00	(50.00)	-1%	3,408.00	(150.00)	-4%
UVU	14,636.00	14,464.00	(172.00)	-1%	14,161.00	(303.00)	-2%
SLCC	25,111.00	23,579.00	(1,532.00)	-6%	23,370.00	(209.00)	-1%
Total	68,348.00	63,920.00	(4,428.00)	-6.5%	64,981.00	1,061.00	1.7%

Table 4A - Total Annualized FTE Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,102.87	1,150.32	47.45	4%	2,222.50	1,072.18	93%
WSU	3,933.98	5,116.83	1,182.85	30%	3,979.18	(1,137.65)	-22%
SUU	641.00	647.33	6.33	1%	703.93	56.60	9%
SNOW	674.22	625.62	(48.60)	-7%	616.80	(8.82)	-1%
DSC	1,168.83	1,184.17	15.34	1%	882.63	(301.54)	-25%
UVU	5,361.28	5,302.78	(58.50)	-1%	4,794.93	(507.85)	-10%
SLCC	7,566.02	7,427.62	(138.40)	-2%	6,786.65	(640.97)	-9%
Total	20,448.20	21,454.67	1,006.47	4.9%	19,986.63	(1,468.04)	-6.8%

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Table 4B - Budget-Related Annualized FTE Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,035.33	953.45	(81.88)	-8%	2,057.40	1,103.95	116%
WSU	3,293.75	4,348.67	1,054.92	32%	3,404.38	(944.29)	-22%
SUU	640.20	646.53	6.33	1%	703.53	57.00	9%
SNOW	646.35	599.92	(46.43)	-7%	584.13	(15.79)	-3%
DSC	1,125.23	1,129.28	4.05	0%	831.42	(297.86)	-26%
UVU	4,305.82	4,372.75	66.93	2%	4,033.58	(339.17)	-8%
SLCC	6,585.09	6,317.62	(267.47)	-4%	5,694.52	(623.10)	-10%
Total	17,631.76	18,368.22	736.46	4.2%	17,308.96	(1,059.26)	-5.8%

Table 4C - Perkins Annualized FTE Enrollments in Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	751.30	837.82	86.52	12%	683.60	(154.22)	-18%
WSU	2,134.40	1,673.03	(461.37)	-22%	2,073.55	400.52	24%
SUU	380.43	312.27	(68.16)	-18%	318.77	6.50	2%
SNOW	482.20	457.97	(24.23)	-5%	428.40	(29.57)	-6%
DSC	618.33	669.57	51.24	8%	631.45	(38.12)	-6%
UVU	3,203.70	2,974.62	(229.08)	-7%	2,681.47	(293.15)	-10%
SLCC	5,373.47	5,411.30	37.83	1%	5,066.45	(344.85)	-6%
Total	12,943.83	12,336.58	(607.25)	-4.7%	11,883.68	(452.90)	-3.7%

Table 5A - Total Annualized FTE Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	-	-	-	-	-	-	-
WSU	0.62	34.29	33.67	54.13	32.21	(2.08)	(0.06)
SUU	-	-	-	-	-	-	-
SNOW	190.32	177.92	(12.40)	-7%	163.71	(14.21)	-8%
DSC	-	-	-	0%	-	-	-
UVU	-	-	-	-	-	-	-
SLCC*	821.20	591.12	(230.08)	-28%	382.81	(208.31)	-35%
Total	1,012.13	803.33	(208.80)	-20.6%	578.72	(224.61)	-28.0%

*SLCC-SC merged with the former Salt Lake County UCAT facility starting 2009-10 resulting in a large increase in non-credit FTE.

Table 5B - Budget-Related Annualized FTE Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	-	-	-	-	-	-	-
WSU	-	-	-	-	-	-	(0.08)
SUU	-	-	-	-	-	-	-
SNOW	190.32	177.91	(12.41)	-7%	163.71	(14.21)	-8%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC*	821.20	537.23	(283.97)	-35%	382.45	(154.79)	-29%
Total	1,011.51	715.14	(296.37)	-29.3%	546.15	(168.99)	-23.6%

*SLCC-SC merged with the former Salt Lake County UCAT facility starting 2009-10 resulting in a large increase in non-credit FTE.

Table 5C - Perkins Annualized FTE Enrollments in Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	-	-	-	-	-	-	-
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	190.32	177.91	(12.41)	-7%	163.71	(14.20)	-8%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC*	803.95	527.41	(276.54)	-34%	362.05	(165.36)	-31%
Total	994.27	705.32	(288.95)	-29.1%	525.76	(179.56)	-25.5%

*SLCC-SC merged with the former Salt Lake County UCAT facility starting 2009-10 resulting in a large increase in non-credit FTE.

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

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	0%
USU	1,102.87	1,150.32	47.45	4%	2,222.50	1,072.18	93%
WSU	3,934.61	5,151.12	1,216.52	31%	4,011.39	(1,139.73)	-22%
SUU	641.00	647.33	6.33	1%	703.93	56.60	9%
SNOW	864.53	803.54	(60.99)	-7%	780.51	(23.03)	-3%
DSC	1,168.83	1,184.17	15.34	1%	882.63	(301.54)	-25%
UVU	5,361.28	5,302.78	(58.50)	-1%	4,794.93	(507.85)	-10%
SLCC	8,387.22	8,018.74	(368.48)	-4%	7,169.46	(849.28)	-11%
Total	21,460.34	22,258.00	797.66	3.7%	20,565.36	(1,692.64)	-7.6%

Table 6B - Budget-Related Annualized FTE Enrollments in Credit and Non-Credit CTE Courses

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,035.33	953.45	(81.88)	-8%	2,057.40	1,103.95	116%
WSU	3,293.75	4,348.67	1,054.92	32%	3,404.38	(944.29)	-22%
SUU	640.20	646.53	6.33	1%	703.53	57.00	9%
SNOW	836.67	777.83	(58.84)	-7%	747.84	(29.99)	-4%
DSC	1,125.23	1,129.28	4.05	0%	831.42	(297.86)	-26%
UVU	4,305.82	4,372.75	66.93	2%	4,033.58	(339.17)	-8%
SLCC	7,406.28	6,854.85	(551.43)	-7%	6,076.96	(777.89)	-11%
Total	18,643.28	19,083.36	440.09	2.4%	17,855.11	(1,228.25)	-6.4%

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

Institution	2010-11	2011-12	Change	% Change	2012-13	Change	% Change
UU	-	-	-	-	-	-	-
USU	751.30	837.82	86.52	12%	683.60	(154.22)	-18%
WSU	2,134.40	1,673.03	(461.37)	-22%	2,073.55	400.52	24%
SUU	380.43	312.27	(68.16)	-18%	318.77	6.50	2%
SNOW	672.52	635.88	(36.64)	-5%	592.11	(43.77)	-7%
DSC	618.33	669.57	51.24	8%	631.45	(38.12)	-6%
UVU	3,203.70	2,974.62	(229.08)	-7%	2,681.47	(293.15)	-10%
SLCC	6,177.42	5,938.71	(238.71)	-4%	5,428.50	(510.21)	-9%
Total	13,938.10	13,041.90	(896.20)	-6.4%	12,409.44	(632.46)	-4.8%

Table 6D - Perkins Annualized FTE Enrollments in Credit, Non-Credit, and STIT/Custom Fit CTE Courses

USHE	
Membership Hour Equivalent	
Non-Credit Membership Hours	473,180
STIT/Custom Fit Hours	56,790
+ Credit Hours * 30	10,695,300
Total Membership Hour Equivalent	11,225,270
÷ Membership Hours per FTE	900
FTE (Total Membership Hours/900)	12,473
Credit Hour Equivalent	
Non-Credit Membership Hours / 30	15,773
STIT/Custom Fit Hours / 30	1,893
+ Credit Hours	356,510
Total Credit Hour Equivalent	374,176
÷ Credit Hours per FTE	30
FTE (Total Credit Hours/30)	12,473

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Table 7 - Number of 1 & 2 Year Certificates and Associate Degrees Awarded in 2012-13 in CTE Fields

Institution	1 or 2 Year Certificate	Associate	Total Awards
UU	0	0	0
USU*	275	94	369
WSU	52	807	859
SUU	5	14	19
SNOW	204	188	392
DSC	384	224	608
UVU	35	651	686
SLCC	564	1,290	1,854
Total	1,519	3,268	4,787

Table 8A - 2012-13 Perkins Top 5 CTE Programs for Enrollment

USHE	
Program	Enrollment
1. Business	3,281
5. Accounting	2,812
4. Writing, General	2,358
3. Health Services	2,348
4. Registered Nursing	2,255

Table 8B - 2012-13 Top 5 CTE Programs for Completion

USHE	
Program	Completions
1. Health Professions	2,259
2. Business	544
3. Engineering Technologies	312
4. Homeland Security	247
5. Computer and Information Scienc	227

Table 9 - Maintenance of Effort Report for Traditional USHE Institutions CTE Courses

Institution	Actual Expenditures 2011-12	Actual Expenditures 2012-13	% Change	2013-14 MOE Target	2012-13 % Expenditures to MOE Target
UU	-	-	-	-	-
USU	\$4,474,582	\$11,597,410	159%	\$1,809,793	641%
WSU	\$10,396,591	\$11,346,164	9%	\$11,990,962	95%
SUU	\$2,786,182	\$3,342,156	20%	\$3,111,194	107%
SNOW	\$4,011,339	\$3,597,827	-10%	\$4,219,973	85%
DSC	\$2,842,126	\$2,870,727	1%	\$3,665,315	78%
UVU	\$20,175,623	\$19,975,631	-1%	\$20,733,419	96%
SLCC	\$25,394,395	\$25,869,126	2%	\$26,353,242	98%
Total	\$70,080,839	\$78,599,041	12.2%	\$71,883,897	109.3%