

Tab D – CTE



UTAH SYSTEM OF
HIGHER EDUCATION

Building a Stronger State of Minds

Career Technical Education Summary	3
TABLE 1A Total Headcount in Credit CTE Courses	4
TABLE 1B Budget-Related Headcount in Credit CTE Courses	4
TABLE 1C Perkins Headcount in Credit CTE Courses	4
TABLE 2A Total Headcount in Non-Credit CTE Courses	4
TABLE 2B Budget-Related Headcount in Non-Credit CTE Courses	4
TABLE 2C Perkins Headcount in Non-Credit CTE Courses	5
TABLE 3A Total Headcounts for Credit and Non-Credit CTE Courses	5
TABLE 3B Budget-Related Headcounts for Credit and Non-Credit CTE Courses	5
TABLE 3C Perkins Headcounts for Credit and Non-Credit CTE Courses	5
TABLE 4A Total FTE Enrollments in Credit CTE Courses	5
TABLE 4B Budget-Related FTE Enrollments in Credit CTE Courses	6
TABLE 4C Perkins FTE Enrollments in Credit CTE Courses	6
TABLE 5A Total FTE Enrollment in Non-Credit CTE Courses	6
TABLE 5B Budget-Related FTE Enrollment in Non-Credit CTE Courses	6
TABLE 5C Perkins FTE Enrollment in Non-Credit CTE Courses	6
TABLE 6A Total FTE Enrollment in Credit and Non-Credit CTE Courses	7
TABLE 6B Budget-Related FTE Enrollment in Credit and Non-Credit CTE Courses	7
TABLE 6C Perkins FTE Enrollment in Credit and Non-Credit CTE Courses	7
TABLE 6D Perkins FTE Enrollment in Credit, Non-Credit, and STIT/Custom Fit CTE Courses	7
TABLE 7 Total Awards in CTE Fields	8
TABLE 8A Perkins Top 5 Programs (based on Enrollment)	8
TABLE 8B Total Top 5 Programs (based on Completion)	8
TABLE 9 USHE CTE Maintenance of Effort Report	8

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 1A - Total Headcount Enrollments in Credit CTE Courses

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU*	6,103	5,692	(411)	-7%	6,312	620	11%
WSU	16,213	17,102	889	5%	17,712	610	4%
SUU	4,014	3,610	(404)	-10%	3,448	(162)	-4%
SNOW	3,207	2,974	(233)	-7%	2,933	(41)	-1%
DSC	4,400	5,190	790	18%	5,481	291	6%
UVU	18,126	19,319	1,193	7%	19,210	(109)	-1%
SLCC	31,364	30,696	(668)	-2%	29,398	(1,298)	-4%
Total	83,427	84,583	1,156	1.4%	84,494	(89)	-0.1%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU*	4,677	5,089	412	9%	5,011	(78)	-2%
WSU	13,232	14,127	895	7%	14,575	448	3%
SUU	3,985	3,602	(383)	-10%	3,440	(162)	-4%
SNOW	2,839	2,770	(69)	-2%	2,736	(34)	-1%
DSC	4,048	4,842	794	20%	4,981	139	3%
UVU	13,939	15,038	1,099	8%	15,179	141	1%
SLCC	24,161	25,723	1,562	6%	24,153	(1,570)	-6%
Total	66,881	71,191	4,310	6.4%	70,075	(1,116)	-1.6%

Table 1C - Perkins Headcount Enrollments in Credit CTE Courses

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU*	3,529	5,146	1,617	46%	4,283	(863)	-17%
WSU	11,606	12,313	707	6%	10,982	(1,331)	-11%
SUU	3,220	3,472	252	8%	3,216	(256)	-7%
SNOW	2,949	2,968	19	1%	2,958	(10)	0%
DSC	3,763	3,608	(155)	-4%	3,558	(50)	-1%
UVU	13,615	14,636	1,021	7%	14,464	(172)	-1%
SLCC	20,983	22,021	1,038	5%	21,312	(709)	-3%
Total	59,665	64,164	4,499	7.5%	60,773	(3,391)	-5.3%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,811	1,548	(263)	-14.5%	1,235	(313)	-20.2%
WSU	113	68	(45)	-39.8%	239	171	251.5%
SUU	30	36	6	20.0%	75	39	108.3%
SNOW	1,095	806	(289)	-26.4%	580	(226)	-28.0%
DSC	9	-	(9)	-100.0%	-	-	0.0%
UVU	-	-	-	-	-	-	-
SLCC	4,543	3,552	(991)	-21.8%	7,013	3,461	97.4%
Total	7,601	6,010	(1,591)	-20.9%	9,142	3,132	52.1%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,101	1,157	56	5.1%	1,026	(131)	-11.3%
WSU	-	-	-	-	-	-	-
SUU	30	36	6	20.0%	75	39	108.3%
SNOW	1,095	806	(289)	-26.4%	580	(226)	-28.0%
DSC	4	-	(4)	-100.0%	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	4,361	3,379	(982)	-22.5%	2,797	(582)	-17.2%
Total	6,591	5,378	(1,213)	-18.4%	4,478	(900)	-16.7%

Utah System of Higher Education
 Career and Technical Education

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,310	1,083	(227)	-17.3%	782	(301)	-27.8%
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	4	11	7	175.0%	98	87	790.9%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	3,651	3,090	(561)	-15.4%	2,267	(823)	-26.6%
Total	4,965	4,184	(781)	-15.7%	3,147	(1,037)	-24.8%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	7,914.00	7,240.00	(674.00)	-9%	7,547.00	307.00	4%
WSU	16,326.00	17,170.00	844.00	5%	17,951.00	781.00	5%
SUU	4,044.00	3,646.00	(398.00)	-10%	3,523.00	(123.00)	-3%
SNOW	4,302.00	3,780.00	(522.00)	-12%	3,513.00	(267.00)	-7%
DSC	4,409.00	5,190.00	781.00	18%	5,481.00	291.00	6%
UVU	18,126.00	19,319.00	1,193.00	7%	19,210.00	(109.00)	-1%
SLCC	35,907.00	34,248.00	(1,659.00)	-5%	36,411.00	2,163.00	6%
Total	91,028.00	90,593.00	(435.00)	-0.5%	93,636.00	3,043.00	3.4%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	5,778.00	6,246.00	468.00	8%	6,037.00	(209.00)	-3%
WSU	13,232.00	14,127.00	895.00	7%	14,575.00	448.00	3%
SUU	4,015.00	3,638.00	(377.00)	-9%	3,515.00	(123.00)	-3%
SNOW	3,934.00	3,576.00	(358.00)	-9%	3,316.00	(260.00)	-7%
DSC	4,052.00	4,842.00	790.00	19%	4,981.00	139.00	3%
UVU	13,939.00	15,038.00	1,099.00	8%	15,179.00	141.00	1%
SLCC	28,522.00	29,102.00	580.00	2%	26,950.00	(2,152.00)	-7%
Total	73,472.00	76,569.00	3,097.00	4.2%	74,553.00	(2,016.00)	-2.6%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	4,839.00	6,229.00	1,390.00	29%	5,065.00	(1,164.00)	-19%
WSU	11,606.00	12,313.00	707.00	6%	10,982.00	(1,331.00)	-11%
SUU	3,220.00	3,472.00	252.00	8%	3,216.00	(256.00)	-7%
SNOW	2,953.00	2,979.00	26.00	1%	3,056.00	77.00	3%
DSC	3,763.00	3,608.00	(155.00)	-4%	3,558.00	(50.00)	-1%
UVU	13,615.00	14,636.00	1,021.00	7%	14,464.00	(172.00)	-1%
SLCC	24,634.00	25,111.00	477.00	2%	23,579.00	(1,532.00)	-6%
Total	64,630.00	68,348.00	3,718.00	5.8%	63,920.00	(4,428.00)	-6.5%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,144.62	1,102.87	(41.75)	-4%	1,150.32	47.45	4%
WSU	3,846.38	3,933.98	87.60	2%	5,116.83	1,182.85	30%
SUU	754.97	641.00	(113.97)	-15%	647.33	6.33	1%
SNOW	751.55	674.22	(77.33)	-10%	625.62	(48.60)	-7%
DSC	914.02	1,168.83	254.81	28%	1,184.17	15.34	1%
UVU	4,910.60	5,361.28	450.68	9%	5,302.78	(58.50)	-1%
SLCC	7,427.32	7,566.02	138.70	2%	7,427.62	(138.40)	-2%
Total	19,749.45	20,448.20	698.75	3.5%	21,454.67	1,006.47	4.9%

Utah System of Higher Education

Career and Technical Education

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	988.35	1,035.33	46.98	5%	953.45	(81.88)	-8%
WSU	3,196.85	3,293.75	96.90	3%	4,348.67	1,054.92	32%
SUU	751.77	640.20	(111.57)	-15%	646.53	6.33	1%
SNOW	699.25	646.35	(52.90)	-8%	599.92	(46.43)	-7%
DSC	872.52	1,125.23	252.71	29%	1,129.28	4.05	0%
UVU	3,898.67	4,305.82	407.15	10%	4,372.75	66.93	2%
SLCC	6,105.62	6,585.09	479.47	8%	6,317.62	(267.47)	-4%
Total	16,513.02	17,631.76	1,118.75	6.8%	18,368.22	736.46	4.2%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	706.44	751.30	44.86	6%	837.82	86.52	12%
WSU	2,080.47	2,134.40	53.93	3%	1,673.03	(461.37)	-22%
SUU	388.37	380.43	(7.93)	-2%	312.27	(68.16)	-18%
SNOW	527.43	482.20	(45.23)	-9%	457.97	(24.23)	-5%
DSC	668.40	618.33	(50.07)	-7%	669.57	51.24	8%
UVU	2,903.20	3,203.70	300.50	10%	2,974.62	(229.08)	-7%
SLCC	5,029.70	5,373.47	343.77	7%	5,411.30	37.83	1%
Total	12,304.01	12,943.83	639.83	5.2%	12,336.58	(607.25)	-4.7%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	115.63	-	(115.63)	-100%	-	-	-
WSU	1.01	0.62	(0.39)	(0.39)	34.29	33.67	54.13
SUU	-	-	-	-	-	-	-
SNOW	241.22	190.32	(50.90)	-21%	177.92	(12.40)	-7%
DSC	0.32	-	(0.32)	-100%	-	-	0%
UVU	-	-	-	-	-	-	-
SLCC*	1,160.84	821.20	(339.65)	-29%	591.12	(230.08)	-28%
Total	1,519.03	1,012.13	(506.89)	-33.4%	803.33	(208.80)	-20.6%

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

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	101.39	-	(101.39)	-100%	-	-	-
WSU	-	-	-	-	-	-	(0.07)
SUU	-	-	-	-	-	-	-
SNOW	241.20	190.32	(50.88)	-21%	177.91	(12.41)	-7%
DSC	0.14	-	(0.14)	-100%	-	-	0%
UVU	-	-	-	-	-	-	-
SLCC*	1,160.84	821.20	(339.64)	-29%	537.23	(283.97)	-35%
Total	1,503.57	1,011.51	(492.06)	-32.7%	715.14	(296.37)	-29.3%

*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	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	-	-	-	-	-	-	-
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	241.22	190.32	(50.90)	-21%	177.91	(12.41)	-7%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC*	1,139.00	803.95	(335.04)	-29%	527.41	(276.54)	-34%
Total	1,380.21	994.27	(385.95)	-28.0%	705.32	(288.95)	-29.1%

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

Utah System of Higher Education

Career and Technical Education

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	115.63	-	(115.63)	(1.00)	-	-	0%
USU	1,144.62	1,102.87	(41.75)	-4%	1,150.32	47.45	4%
WSU	3,847.40	3,934.61	87.21	2%	5,151.12	1,216.52	31%
SUU	754.97	641.00	(113.97)	-15%	647.33	6.33	1%
SNOW	992.77	864.53	(128.24)	-13%	803.54	(60.99)	-7%
DSC	914.34	1,168.83	254.49	28%	1,184.17	15.34	1%
UVU	4,910.60	5,361.28	450.68	9%	5,302.78	(58.50)	-1%
SLCC	8,588.16	8,387.22	(200.94)	-2%	8,018.74	(368.48)	-4%
Total	21,268.48	21,460.34	191.86	0.9%	22,258.00	797.66	3.7%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,089.74	1,035.33	(54.41)	-5%	953.45	(81.88)	-8%
WSU	3,196.85	3,293.75	96.90	3%	4,348.67	1,054.92	32%
SUU	751.77	640.20	(111.57)	-15%	646.53	6.33	1%
SNOW	940.45	836.67	(103.78)	-11%	777.83	(58.84)	-7%
DSC	872.66	1,125.23	252.57	29%	1,129.28	4.05	0%
UVU	3,898.67	4,305.82	407.15	10%	4,372.75	66.93	2%
SLCC	7,266.46	7,406.28	139.83	2%	6,854.85	(551.43)	-7%
Total	18,016.59	18,643.28	626.69	3.5%	19,083.36	440.09	2.4%

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

Institution	2009-10	2010-11	Change	% Change	2011-12	Change	% Change
UU	-	-	-	-	-	-	-
USU	706.44	751.30	44.86	6%	837.82	86.52	12%
WSU	2,080.47	2,134.40	53.93	3%	1,673.03	(461.37)	-22%
SUU	388.37	380.43	(7.93)	-2%	312.27	(68.16)	-18%
SNOW	768.65	672.52	(96.14)	-13%	635.88	(36.64)	-5%
DSC	668.40	618.33	(50.07)	-7%	669.57	51.24	8%
UVU	2,903.20	3,203.70	300.50	10%	2,974.62	(229.08)	-7%
SLCC	6,168.70	6,177.42	8.72	0%	5,938.71	(238.71)	-4%
Total	13,684.22	13,938.10	253.88	1.9%	13,041.90	(896.20)	-6.4%

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

USHE	
Membership Hour Equivalent	
Actual Membership Hours	634,795
Actual STIT/Custom Fit Hours	58,335
+ Credit Hours * 30	11,102,910
Total Membership Hour Equivalent	11,796,040
+ Membership Hours per FTE	900
FTE (Total Membership Hours/900)	13,107
Credit Hour Equivalent	
Membership Hours / 30	21,160
STIT/Custom Fit Hours / 30	1,944
+ Actual Credit Hours	370,097
Total Credit Hour Equivalent	393,201
+ Credit Hours per FTE	30
FTE (Total Credit Hours/30)	13,107

Utah System of Higher Education

Career and Technical Education

Table 7 - Number of 1 & 2 Year Certificates and Associate Degrees Awarded in 2011-12 in CTE Fields

Institution	1 or 2 Year Certificate	Associate	Total Awards
UU	0	0	0
USU*	276	127	403
WSU	43	825	868
SUU	9	19	28
SNOW	39	233	272
DSC	437	240	677
UVU	92	690	782
SLCC	637	1,317	1,954
Total	1,533	3,451	4,984

Table 8A - 2011-12 Perkins Top 5 CTE Programs for Enrollment

USHE	
Program	Enrollment
1. Business	3,141
2. Commercial Air Travel	2,188
3. Health Services	1,794
4. Writing, General	1,666
5. Accounting	1,630

Table 8B - 2011-12 Top 5 CTE Programs for Completion

USHE	
Program	Completions
1. Health Professions	2,294
2. Business	578
3. Engineering Technologies	367
4. Homeland Security	261
5. Mechanic and Repair Tech.	224

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

Institution	Actual Expenditures 2010-11	Actual Expenditures 2011-12	% Change	2012-13 MOE Target	2011-12 % Expenditures to MOE Target
UU	-	-	-	-	-
USU	\$4,474,582	\$8,815,702	97%	\$1,809,793	487%
WSU	\$10,396,591	\$10,784,621	4%	\$11,990,962	90%
SUU	\$2,786,182	\$3,359,589	21%	\$3,111,194	108%
SNOW	\$4,011,339	\$3,260,010	-19%	\$4,219,973	77%
DSC	\$2,842,126	\$2,639,031	-7%	\$3,665,315	72%
UVU	\$20,175,623	\$20,971,551	4%	\$20,733,419	101%
SLCC	\$25,394,395	\$25,647,497	1%	\$26,353,242	97%
Total	\$70,080,839	\$75,478,000	7.7%	\$71,883,897	105.0%