

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

Career and Technical Education

Table 1A - Total Headcount Enrollments in Credit CTE Courses

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU*	6,041	6,103	62	1%	5,692	(411)	-7%
WSU	14,976	16,213	1,237	8%	17,102	889	5%
SUU	3,738	4,014	276	7%	3,610	(404)	-10%
SNOW	2,802	3,207	405	14%	2,974	(233)	-7%
DSC	3,183	4,400	1,217	38%	5,190	790	18%
UVU	17,657	18,126	469	3%	19,319	1,193	7%
SLCC	29,607	31,364	1,757	6%	30,696	(668)	-2%
Total	78,004	83,427	5,423	7.0%	84,583	1,156	1.4%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU*	4,359	4,677	318	7%	5,089	412	9%
WSU	11,694	13,232	1,538	13%	14,127	895	7%
SUU	3,701	3,985	284	8%	3,602	(383)	-10%
SNOW	2,374	2,839	465	20%	2,770	(69)	-2%
DSC	3,025	4,048	1,023	34%	4,842	794	20%
UVU	12,548	13,939	1,391	11%	15,038	1,099	8%
SLCC	22,221	24,161	1,940	9%	25,723	1,562	6%
Total	59,922	66,881	6,959	11.6%	71,191	4,310	6.4%

Table 1C - Perkins Headcount Enrollments in Credit CTE Courses

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU*	3,892	3,529	(363)	-9%	5,146	1,617	46%
WSU	10,895	11,606	711	7%	12,313	707	6%
SUU	3,364	3,220	(144)	-4%	3,472	252	8%
SNOW	2,310	2,949	639	28%	2,968	19	1%
DSC	2,520	3,763	1,243	49%	3,608	(155)	-4%
UVU	12,919	13,615	696	5%	14,636	1,021	7%
SLCC	19,494	20,983	1,489	8%	22,021	1,038	5%
Total	55,394	59,665	4,271	7.7%	64,164	4,499	7.5%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	2,091	1,811	(280)	-13.4%	1,548	(263)	-14.5%
WSU	452	113	(339)	-75.0%	68	(45)	-39.8%
SUU	38	30	(8)	-21.1%	36	6	20.0%
SNOW	991	1,095	104	10.5%	806	(289)	-26.4%
DSC	289	9	(280)	-96.9%	-	(9)	0.0%
UVU	-	-	-	-	-	-	-
SLCC	2,894	4,543	1,649	57.0%	3,552	(991)	-21.8%
Total	6,755	7,601	846	12.5%	6,010	(1,591)	-20.9%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,798	1,101	(697)	-38.8%	1,157	56	5.1%
WSU	-	-	-	-	-	-	-
SUU	38	30	(8)	-21.1%	36	6	20.0%
SNOW	991	1,095	104	10.5%	806	(289)	-26.4%
DSC	289	4	(285)	-98.6%	-	(4)	-
UVU	-	-	-	-	-	-	-
SLCC	2,749	4,361	1,612	58.6%	3,379	(982)	-22.5%
Total	5,865	6,591	726	12.4%	5,378	(1,213)	-18.4%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	2,091	1,310	(781)	-37.4%	1,083	(227)	-17.3%
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	15	4	(11)	-73.3%	11	7	175.0%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC	2,045	3,651	1,606	78.5%	3,090	(561)	-15.4%
Total	4,151	4,965	814	19.6%	4,184	(781)	-15.7%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	8,132.00	7,914.00	(218.00)	-3%	7,240.00	(674.00)	-9%
WSU	15,428.00	16,326.00	898.00	6%	17,170.00	844.00	5%
SUU	3,776.00	4,044.00	268.00	7%	3,646.00	(398.00)	-10%
SNOW	3,793.00	4,302.00	509.00	13%	3,780.00	(522.00)	-12%
DSC	3,472.00	4,409.00	937.00	27%	5,190.00	781.00	18%
UVU	17,657.00	18,126.00	469.00	3%	19,319.00	1,193.00	7%
SLCC	32,501.00	35,907.00	3,406.00	10%	34,248.00	(1,659.00)	-5%
Total	84,759.00	91,028.00	6,269.00	7.4%	90,593.00	(435.00)	-0.5%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	6,157.00	5,778.00	(379.00)	-6%	6,246.00	468.00	8%
WSU	11,694.00	13,232.00	1,538.00	13%	14,127.00	895.00	7%
SUU	3,739.00	4,015.00	276.00	7%	3,638.00	(377.00)	-9%
SNOW	3,365.00	3,934.00	569.00	17%	3,576.00	(358.00)	-9%
DSC	3,314.00	4,052.00	738.00	22%	4,842.00	790.00	19%
UVU	12,548.00	13,939.00	1,391.00	11%	15,038.00	1,099.00	8%
SLCC	24,970.00	28,522.00	3,552.00	14%	29,102.00	580.00	2%
Total	65,787.00	73,472.00	7,685.00	11.7%	76,569.00	3,097.00	4.2%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	5,983.00	4,839.00	(1,144.00)	-19%	6,229.00	1,390.00	29%
WSU	10,895.00	11,606.00	711.00	7%	12,313.00	707.00	6%
SUU	3,364.00	3,220.00	(144.00)	-4%	3,472.00	252.00	8%
SNOW	2,325.00	2,953.00	628.00	27%	2,979.00	26.00	1%
DSC	2,520.00	3,763.00	1,243.00	49%	3,608.00	(155.00)	-4%
UVU	12,919.00	13,615.00	696.00	5%	14,636.00	1,021.00	7%
SLCC	21,539.00	24,634.00	3,095.00	14%	25,111.00	477.00	2%
Total	59,545.00	64,630.00	5,085.00	8.5%	68,348.00	3,718.00	5.8%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	1,063.42	1,144.62	81.20	8%	1,102.87	(41.75)	-4%
WSU	3,433.88	3,846.38	412.50	12%	3,933.98	87.60	2%
SUU	711.20	754.97	43.77	6%	641.00	(113.97)	-15%
SNOW	705.77	751.55	45.78	6%	674.22	(77.33)	-10%
DSC	676.83	914.02	237.18	35%	1,168.83	254.81	28%
UVU	4,669.28	4,910.60	241.32	5%	5,361.28	450.68	9%
SLCC	6,921.47	7,427.32	505.85	7%	7,566.02	138.70	2%
Total	18,181.85	19,749.45	1,567.60	8.6%	20,448.20	698.75	3.5%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	877.81	988.35	110.54	13%	1,035.33	46.98	5%
WSU	2,733.92	3,196.85	462.93	17%	3,293.75	96.90	3%
SUU	706.70	751.77	45.07	6%	640.20	(111.57)	-15%
SNOW	642.77	699.25	56.48	9%	646.35	(52.90)	-8%
DSC	659.67	872.52	212.85	32%	1,125.23	252.71	29%
UVU	3,519.30	3,898.67	379.37	11%	4,305.82	407.15	10%
SLCC	5,661.92	6,105.62	443.70	8%	6,585.09	479.47	8%
Total	14,802.08	16,513.02	1,710.94	11.6%	17,631.76	1,118.75	6.8%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	647.24	706.44	59.20	9%	751.30	44.86	6%
WSU	1,808.70	2,080.47	271.77	15%	2,134.40	53.93	3%
SUU	516.20	388.37	(127.83)	-25%	380.43	(7.93)	-2%
SNOW	511.60	527.43	15.83	3%	482.20	(45.23)	-9%
DSC	528.23	668.40	140.17	27%	618.33	(50.07)	-7%
UVU	2,820.70	2,903.20	82.50	3%	3,203.70	300.50	10%
SLCC	4,633.33	5,029.70	396.37	9%	5,373.47	343.77	7%
Total	11,466.01	12,304.01	838.00	7.3%	12,943.83	639.83	5.2%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	72.10	115.63	43.53	60%	-	(115.63)	(115.63)
WSU	4.05	1.01	(3.04)	(0.75)	0.62	(0.39)	(0.39)
SUU	-	-	-	-	-	-	-
SNOW	213.78	241.22	27.44	13%	190.32	(50.90)	-21%
DSC	9.12	0.32	(8.80)	-96%	-	(0.32)	-100%
UVU	-	-	-	-	-	-	-
SLCC*	706.09	1,160.84	454.75	64%	821.20	(339.65)	-29%
Total	1,005.15	1,519.03	513.88	51.1%	1,012.13	(506.89)	-33.4%

*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	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	76.03	101.39	25.36	33%	-	(101.39)	(101.39)
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	213.78	241.20	27.42	13%	190.32	(50.88)	-21%
DSC	5.42	0.14	(5.28)	-97%	-	(0.14)	-100%
UVU	-	-	-	-	-	-	-
SLCC*	706.07	1,160.84	454.77	64%	821.20	(339.64)	-29%
Total	1,001.30	1,503.57	502.27	50.2%	1,011.51	(492.06)	-32.7%

*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	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	-	-	-	-	-	-	-
WSU	-	-	-	-	-	-	-
SUU	-	-	-	-	-	-	-
SNOW	213.78	241.22	27.44	13%	190.32	(50.90)	-21%
DSC	-	-	-	-	-	-	-
UVU	-	-	-	-	-	-	-
SLCC*	684.68	1,139.00	454.31	66%	803.95	(335.04)	-29%
Total	898.46	1,380.21	481.76	53.6%	994.27	(385.95)	-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.

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	72.10	115.63	43.53	0.60	-	(115.63)	(159.16)
USU	1,063.42	1,144.62	81.20	8%	1,102.87	(41.75)	-4%
WSU	3,437.94	3,847.40	409.46	12%	3,934.61	87.21	2%
SUU	711.20	754.97	43.77	6%	641.00	(113.97)	-15%
SNOW	919.54	992.77	73.23	8%	864.53	(128.24)	-13%
DSC	685.96	914.34	228.38	33%	1,168.83	254.49	28%
UVU	4,669.28	4,910.60	241.32	5%	5,361.28	450.68	9%
SLCC	7,627.56	8,588.16	960.60	13%	8,387.22	(200.94)	-2%
Total	19,187.00	21,268.48	2,081.48	10.8%	21,460.34	191.86	0.9%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	953.84	1,089.74	135.90	14%	1,035.33	(54.41)	-5%
WSU	2,733.92	3,196.85	462.93	17%	3,293.75	96.90	3%
SUU	706.70	751.77	45.07	6%	640.20	(111.57)	-15%
SNOW	856.55	940.45	83.90	10%	836.67	(103.78)	-11%
DSC	665.09	872.66	207.57	31%	1,125.23	252.57	29%
UVU	3,519.30	3,898.67	379.37	11%	4,305.82	407.15	10%
SLCC	6,367.99	7,266.46	898.47	14%	7,406.28	139.83	2%
Total	15,803.38	18,016.59	2,213.21	14.0%	18,643.28	626.69	3.5%

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

Institution	2008-09	2009-10	Change	% Change	2010-11	Change	% Change
UU	-	-	-	-	-	-	-
USU	647.24	706.44	59.20	9%	751.30	44.86	6%
WSU	1,808.70	2,080.47	271.77	15%	2,134.40	53.93	3%
SUU	516.20	388.37	(127.83)	-25%	380.43	(7.93)	-2%
SNOW	725.38	768.65	43.28	6%	672.52	(96.14)	-13%
DSC	528.23	668.40	140.17	27%	618.33	(50.07)	-7%
UVU	2,820.70	2,903.20	82.50	3%	3,203.70	300.50	10%
SLCC	5,318.02	6,168.70	850.68	16%	6,177.42	8.72	0%
Total	12,364.47	13,684.22	1,319.75	10.7%	13,938.10	253.88	1.9%

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

USHE	
Membership Hour Equivalent	
Actual Membership Hours	894,841
Actual STIT/Custom Fit Hours	73,786
+ Credit Hours * 30	11,649,480
Total Membership Hour Equivalent	12,618,107
+ Membership Hours per FTE	900
FTE (Total Membership Hours/900)	14,020
Credit Hour Equivalent	
Membership Hours / 30	29,828
STIT/Custom Fit Hours / 30	2,460
+ Actual Credit Hours	388,316
Total Credit Hour Equivalent	420,604
+ Credit Hours per FTE	30
FTE (Total Credit Hours/30)	14,020

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Table 7 - Number of 1 & 2 Year Certificates and Associate Degrees Awarded in 2010-11 in CTE Fields

Institution	1 or 2 Year Certificate	Associate	Total Awards
UU	0	0	0
USU*	327	127	454
WSU	55	754	809
SUU	15	18	33
SNOW	293	219	512
DSC	557	217	774
UVU	80	615	695
SLCC	520	1,271	1,791
Total	1,847	3,221	5,068

Table 8A - 2010-11 Perkins Top 5 CTE Programs for Enrollment

USHE	
Program	Enrollment
1. Business	3,525
2. Commercial Air Travel	2,384
3. Accounting	1,712
4. Criminal Justice	1,536
5. Computer Science	1,405

Table 8B - 2010-11 Top 5 CTE Programs for Completion

USHE	
Program	Completions
1. Health Professions	2,559
2. Business	635
3. Engineering Technologies	445
4. Homeland Security	237
5. Mechanic and Repair Tech.	174

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

Institution	Actual Expenditures 2009-10	Actual Expenditures 2010-11	% Change	2011-12 MOE Target	2010-11 % Expenditures to MOE Target
UU	-	-	-	-	-
USU	\$5,160,451	\$4,474,582	-13%	\$1,809,793	247%
WSU	\$10,852,736	\$10,396,591	-4%	\$11,990,962	87%
SUU	\$2,919,592	\$2,786,182	-5%	\$3,111,194	90%
SNOW	\$4,691,477	\$3,955,592	-16%	\$4,219,973	94%
DSC	\$2,609,513	\$2,842,126	9%	\$3,665,315	78%
UVU	\$19,379,223	\$20,175,623	4%	\$20,733,419	97%
SLCC	\$25,531,180	\$25,394,395	-1%	\$26,353,242	96%
Total	\$71,144,173	\$70,025,092	-1.6%	\$71,883,897	97.4%