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UTAH SYSTEM OF
HIGHER EDUCATION

Building a Stronger State of Minds

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.

The Utah College of Applied Technology (UCAT), founded in September 2001, specializes in offering customized training for business and industry. UCAT also offers certificates and Associate of Applied Technology (AAT) degrees in a competency-based and an open-entry/open-exit environment. Student attendance is measured in membership hours rather than credit hours. UCAT is comprised of nine campuses.

Explanation of Attachments

Tables 1 and 2 reflect the credit based CTE supported by USHE institutions. Table 3 identifies the top five programs for both enrollment and completion for the traditional 9 USHE institutions and UCAT. Tables 4 through 6 represent system enrollment based on headcount, FTE and membership hours in noncredit CTE courses. Table 7 identifies the number of certificates and degrees provided in CTE fields. Table 8 reflects the maintenance of effort of the traditional 9 USHE institutions in supporting CTE related programs. Table 9 summarizes the activities of the state Custom Fit training program.

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Credit CTE Courses

Table 1 - Headcount Enrollments

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
UU	0	0	0	0%	0	0	0%
USU	5,136	4,340	(796)	-15%	3,448	(892)	-21%
WSU	13,878	14,810	932	7%	14,611	(199)	-1%
SUU	3,601	3,386	(215)	-6%	4,030	644	19%
SNOW	2,998	3,002	4	0%	2,969	(33)	-1%
DSC	3,304	3,077	(227)	-7%	2,927	(150)	-5%
CEU	2,344	2,189	(155)	-7%	2,076	(113)	-5%
UVSC	15,402	15,792	390	3%	15,181	(611)	-4%
SLCC	25,148	24,996	(152)	-1%	25,942	946	4%
UCAT	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	71,811	71,592	(219)	-0.3%	71,184	(408)	-0.6%

Table 2 - Annualized FTE Enrollments in Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
UU	-	-	-	0%	-	-	0%
USU	683.52	555.04	(128.48)	-19%	455.73	(99.31)	-18%
WSU	3,373.40	3,386.87	13.47	0%	3,332.96	(53.91)	-2%
SUU	769.60	724.83	(44.77)	-6%	906.57	181.74	25%
SNOW	774.07	783.32	9.25	1%	749.96	(33.36)	-4%
DSC	697.56	654.18	(43.38)	-6%	612.82	(41.36)	-6%
CEU	687.29	590.04	(97.25)	-14%	555.85	(34.19)	-6%
UVSC	4,061.39	4,152.39	91.00	2%	3,934.69	(217.70)	-5%
SLCC	6,189.14	5,975.43	(213.71)	-3%	6,110.33	134.90	2%
UCAT	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total	17,235.97	16,822.10	(413.87)	-2.4%	16,658.91	(163.19)	-1.0%

Table 3 - 2006-07 Top 5 CTE Programs for Enrollment - USHE

Program	2006-07 Students Enrolled
1. Business Admin	8,130
2. Nursing RN	6,331
3. Business, General	4,628
4. Public Health	3,995
5. Accounting	2,859

Table 3 - 2006-07 Top 5 CTE Programs for Enrollment - UCAT

Program	2006-07 Students Enrolled
1. Admin Assistant/Sec	9,626
2. Nurse/Nursing Asst.	7,641
3. Machine Tool	6,522
4. Cosmetology	6,330
5. CAD/Drafting	5,290

Table 3A - 2006-07 Top 5 CTE Programs for Completion - USHE

Program	2006-07 # of Awards
1. Nursing RN	1,258
2. Business Admin	1,215
3. Accounting	698
4. Finance, General	350
5. Nurse/Nursing Asst	327

Table 3A - 2006-07 Top 5 CTE Programs for Completion - UCAT

Program	2006-07 # of Awards
1. Admin Assistant/Se	1,709
2. Nurse/Nursing Asst	1,439
3. Mining Tech	1,117
4. Truck/Bus Driver	1,006
5. Welding	774

Tables 3 and 3A are based on Headcount Enrollment not FTE.

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Table 4 - Headcount Enrollments in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
UU	-	-	-	0.0%	-	-	0.0%
USU	-	-	-	0.0%	-	-	0.0%
WSU	874	544	(330)	-37.8%	140	(404)	-74.3%
SUU	148	102	(46)	-31.1%	116	14	13.7%
SNOW	864	767	(97)	-11.2%	842	75	9.8%
DSC	907	631	(276)	-30.4%	601	(30)	-4.8%
CEU	-	-	-	0.0%	-	-	0.0%
UVSC	4,448	2,354	(2,094)	-47.1%	7	(2,347)	-99.7%
SLCC	3,102	4,172	1,070	34.5%	1,894	(2,278)	-54.6%
SLCC - Skills Center	1,546	1,206	-	0.0%	1,379	173	14.3%
UCAT	36,046	39,893	3,847	10.7%	43,277	3,384	8.5%
Total	47,935	49,669	1,734	3.6%	48,256	(1,413)	-2.8%

Table 4A - UCAT Secondary Headcount Enrollments in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	1,898	1,949	51	2.7%	1,114	(835)	-42.8%
DATC	1,945	1,987	42	2.2%	1,928	(59)	-3.0%
DXATC	401	523	122	30.4%	455	(68)	-13.0%
MATC	1,951	1,889	(62)	-3.2%	1,873	(16)	-0.8%
OWATC	2,168	2,502	334	15.4%	2,212	(290)	-11.6%
SLTATC	488	377	(111)	-22.7%	266	(111)	-29.4%
SEATC	389	379	(10)	-2.6%	279	(100)	-26.4%
SWATC	951	993	42	4.4%	402	(591)	-59.5%
UBATC	1,370	1,472	102	7.4%	1,283	(189)	-12.8%
Total	11,561	12,071	510	4.4%	9,812	(2,259)	-18.7%

Table 4B - UCAT Postsecondary Headcount Enrollments in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	4,836	5,617	781	16.1%	6,044	427	7.6%
DATC	4,228	3,847	(381)	-9.0%	6,295	2,448	63.6%
DXATC	404	1,069	665	164.6%	1,320	251	23.5%
MATC	5,774	5,870	96	1.7%	6,255	385	6.6%
OWATC	5,637	5,759	122	2.2%	6,851	1,092	19.0%
SLTATC	835	1,094	259	31.0%	1,235	141	12.9%
SEATC	1,163	1,528	365	31.4%	1,912	384	25.1%
SWATC	553	816	263	47.6%	596	(220)	-27.0%
UBATC	1,055	2,222	1,167	110.6%	2,957	735	33.1%
Total	24,485	27,822	3,337	13.6%	33,465	5,643	20.3%

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

Institution	2004-05*	2005-06*	Change	% Change	2006-07	Change	% Change
BATC	305	330	26	8.4%	340	10	2.9%
DATC	344	365	21	6.1%	365	0	0.0%
DXATC	120	106	(15)	-12.2%	105	(0)	-0.3%
MATC	446	149	(297)	-66.5%	482	333	223.3%
OWATC	339	370	30	9.0%	370	(0)	0.0%
SLTATC	56	51	(5)	-8.4%	35	(16)	-31.0%
SEATC	58	54	(4)	-6.2%	51	(3)	-5.2%
SWATC	131	144	14	10.5%	163	19	13.0%
UBATC	274	294	20	7.4%	311	17	5.8%
Total	2,072	1,864	(208)	-10.1%	2,223	359	19.3%

*FTE recalculation resulted in corrected numbers

Table 5B - UCAT Annualized FTE Postsecondary Enrollments in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	787	791	4	0.5%	746	(45)	-5.7%
DATC	901	908	7	0.8%	930	22	2.4%
DXATC	51	95	44	86.7%	111	16	16.4%
MATC	512	223	(289)	-56.5%	296	74	33.1%
OWATC	1,011	972	(39)	-3.9%	927	(45)	-4.6%
SLTATC	170	233	64	37.5%	244	11	4.6%
SEATC	147	109	(39)	-26.1%	108	(1)	-0.6%
SWATC	132	136	5	3.5%	137	0	0.3%
UBATC	264	282	19	7.1%	276	(7)	-2.4%
Total	3,975	3,750	(225)	-5.7%	3,775	25	0.7%

Table 6 - UCAT Membership Hours in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	980,769	1,009,356	28,587	2.9%	977,106	(32,250)	-3.2%
DATC	1,115,576	1,142,544	26,968	2.4%	1,166,007	23,463	2.1%
DXATC	143,190	180,559	37,369	26.1%	194,300	13,741	7.6%
MATC	543,403	603,640	60,237	11.1%	700,646	97,006	16.1%
OWATC	1,215,653	1,192,476	(23,177)	-1.9%	1,167,337	(25,139)	-2.1%
SLTATC	202,927	255,902	52,975	26.1%	251,366	(4,536)	-1.8%
SEATC	170,865	139,067	(31,798)	-18.6%	143,700	4,633	3.3%
SWATC	235,523	250,080	14,557	6.2%	269,742	19,662	7.9%
UBATC	477,518	518,803	41,285	8.6%	528,238	9,435	1.8%
Total	5,085,425	5,292,427	207,002	4.1%	5,398,443	106,016	2.0%

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Table 6A - UCAT Secondary Membership Hours in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	274,445	297,415	22,970	8.4%	306,072	8,657	2.9%
DATC	311,324	328,768	17,444	5.6%	328,787	19	0.0%
DXATC	107,175	95,024	(12,151)	-11.3%	94,708	(316)	-0.3%
MATC	399,936	413,192	13,256	3.3%	433,843	20,651	5.0%
OWATC	305,378	323,162	17,784	5.8%	332,687	9,525	2.9%
SLTATC	50,223	45,997	(4,226)	-8.4%	31,762	(14,235)	-30.9%
SEATC	50,712	48,820	(1,892)	-3.7%	46,302	(2,518)	-5.2%
SWATC	117,548	129,896	12,348	10.5%	146,743	16,847	13.0%
UBATC	246,270	264,623	18,353	7.5%	280,002	15,379	5.8%
Total	1,863,010	1,946,897	83,887	4.5%	2,000,907	54,010	2.8%

Table 6B - UCAT Postsecondary Membership Hours in Non-Credit CTE Courses

Institution	2004-05	2005-06	Change	% Change	2006-07	Change	% Change
BATC	706,324	711,941	5,617	0.8%	671,034	(40,907)	-5.7%
DATC	804,252	813,776	9,524	1.2%	837,221	23,445	2.9%
DXATC	36,016	85,535	49,519	137.5%	99,592	14,057	16.4%
MATC	143,467	190,448	46,981	32.7%	266,804	76,356	40.1%
OWATC	910,275	869,314	(40,961)	-4.5%	834,650	(34,664)	-4.0%
SLTATC	152,705	209,905	57,201	37.5%	219,604	9,699	4.6%
SEATC	120,153	90,247	(29,906)	-24.9%	97,398	7,151	7.9%
SWATC	117,976	120,184	2,208	1.9%	123,000	2,816	2.3%
UBATC	231,248	254,180	22,932	9.9%	248,235	(5,945)	-2.3%
Total	3,222,415	3,345,530	123,115	3.8%	3,397,536	52,006	1.6%

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Table 7 - Number of 1 & 2Year Certificates and Associate and Baccalaureate Degrees Awarded in 2006-07 in CTE Fields

Institution	1 Year	2 Year	Associate	Baccalaureate	Total Awards
UU	0	0	0	1,274	1,274
USU	0	2	22	855	879
WSU	48	0	695	1,111	1,854
SUU	0	10	17	386	413
SNOW	0	64	189	0	253
DSC	216	103	174	86	579
CEU	0	45	90	0	135
UVSC	0	27	716	715	1,458
SLCC	557	231	1,127	0	1,915
UCAT	2,136	6,130	0	0	8,266
Total	2,957	6,612	3,030	4,427	17,026

Table 8 - Maintenance of Effort Report for Traditional USHE Institutions CTE Courses

Institution	2005-06	2006-07	% Change	2006-07 MOE Target	2006-07 % Expenditures to MOE Target
UU	\$0	\$0	0%	\$0	0%
USU	\$2,198,580	\$2,034,387	-7%	\$1,550,949	131%
WSU	\$8,219,619	\$10,135,395	23%	\$8,710,964	116%
SUU	\$3,174,979	\$4,427,680	39%	\$2,723,401	163%
SNOW	\$3,647,921	\$4,366,990	20%	\$4,284,438	102%
DSC	\$2,679,704	\$2,623,545	-2%	\$2,505,454	105%
CEU	\$2,517,930	\$2,868,061	14%	\$1,920,884	149%
UVSC	\$15,964,795	\$15,053,940	-6%	\$13,613,171	111%
SLCC	\$22,331,016	\$23,116,021	4%	\$19,757,854	117%
Total	\$60,734,544	\$64,626,019	6.4%	\$55,067,116	117.4%

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Table 9 - Custom Fit Student Enrollment

Campus	2002-03	2003-04	2004-05	2005-06	2006-07
Bridgerland	3,550	3,320	3,771	2,992	3,703
Davis	2,052	1,409	1,311	1,362	1,205
Dixie	1,110	1,074	1,575	2,105	2,048
Mountainland	2,194	2,815	2,444	2,406	2,610
Ogden-Weber	2,499	2,565	2,617	2,274	2,709
Salt Lake/Tooele	0	477	1,069	953	0
Southeast	863	610	741	1,035	1,454
Southwest	883	922	697	883	754
Uintah Basin	1,625	1,631	1,784	1,689	2,886
USHE Partners	3,741	2,851	2,950	3,334	2,591
Total	18,517	17,674	18,959	19,033	19,960

Table 9A - Custom Fit Program Statistics

Custom Fit Statistics	2002-2003	2003-04	2004-05	2005-06	2006-07
State Tax Funding Support	\$3,133,100	\$3,108,100	\$3,108,100	\$3,108,100	\$3,108,100
Number of Businesses Served	926	936	1,024	989	1,152
Average Training Contract per Business	\$3,383.00	\$3,321.00	\$3,035.00	\$3,143.00	\$2,698.00
Number of Employees Trained	18,517	17,674	18,959	19,033	19,960
Average Training Cost per Employee	\$169.00	\$176.00	\$164.00	\$163.00	\$156.00

Table 9B- Custom Fit Types of Businesses Served by Custom Fit

Types of Businesses Served	2002-2003	2003-04	2004-05	2005-06	2006-07
New Businesses to the State	13%	14%	14%	12%	10%
Existing Expanding Businesses	13%	19%	21%	21%	24%
Existing Stable Businesses	75%	67%	65%	67%	66%
Manufacturing Firms	35%	32%	30%	31%	32%
Non Manufacturing Firms	65%	68%	70%	69%	68%



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