Greetings on behalf of the Utah College of Applied Technology Board of Trustees. UCAT’s eight campuses are functioning better than ever and are busy meeting the workforce training needs of Utah’s employers and citizens.

Emerging from the recession of the past several years continues to be lengthy and difficult. As president of the Utah Manufacturers Association, I have watched many companies experience setbacks. As Utah’s economy improves, UCAT is redoubling its efforts to prepare individuals to quickly enter employment or return to work with new and relevant skills.

Each UCAT campus strives to serve the needs of its region. Whether it’s energy in the Uintah Basin, healthcare and environmental training in Tooele County, composites in northern Utah or manufacturing in southern Utah, every one of the UCAT campuses is achieving success by providing ‘just-in-time’ emphasis in meeting the training needs of employers.

Please enjoy the information in this annual report. We hope you will find it informative and be encouraged by the many personal experiences of employers and students.

Sincerely,

Thomas E. Bingham, Chair
Utah College of Applied Technology Board of Trustees

THE MISSION of the Utah College of Applied Technology (UCAT) is to meet the needs of Utah’s employers for technically-skilled workers and to promote local and statewide economic development by providing market-driven technical education to both secondary and adult students.

VISION: The Utah College of Applied Technology will be recognized as a world-class provider of technically-skilled workers needed for the 21st century workforce.

GUIDING PRINCIPLES: Through its campuses, UCAT prepares students to enter, re-enter, upgrade or advance in the workplace, which contributes to economic development and improves the quality of life for Utah citizens. The UCAT mission is accomplished through competency-based education and training programs, which may be long-term, short-term, apprenticeship or custom-designed for individual employer needs. Most of the programs are offered in a flexible open-entry, open-exit format.

UCAT’s Board of Trustees

Thomas E. Bingham, Chair
Salt Lake ATC

Michael J. Madsen, Vice Chair
Bridgerland ATC

William H. Prows
Davis ATC

Ron Larsen
Davis ATC

Jim T. Evans
Mesa Management ATC

Steve Moore
Ogden Weber ATC

Don G. Roberts
Southwest ATC

Mark R. Dennis
Utah State ATC

Stan Parrish
Salt Lake Community College

Carl R. Albrecht
Pine College

Michael McCandless
USU - College of Eastern Utah

Jim Olsen
Business/Industry Employers

Dale M. Cox
Union Apprenticeships

Brad Tanner
Salt Lake Apprenticeships

William A. Sederburg
Commissioner of Higher Education

Spencer P. Eccles
Governor’s Office of Economic Development

David Crandall
State Board of Education

Katharine B. Garff
State Board of Regents

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October 2011

My father had a slogan which he taught to his children, and which he exemplified: “Work will win when wishy-washing doesn’t.” Hard work is the most elemental and essential ingredient for achieving success and it’s the reason Utah has gained an international reputation for the industriousness and productivity of its workforce.

Work is why the Utah College of Applied Technology (UCAT) is so important to our great state. The State of Utah has established UCAT and its eight Applied Technology Colleges to build Utah’s workforce—providing the skilled technicians that are so vital to the productivity of our employers and to our economic prosperity.

UCAT’s training and certificate programs prepare people to go to work. My 31-member Education Excellence Commission has developed Utah’s long-term “Vision 2020” action plan in order to provide better alignment with future workforce needs. It is predicated on the goal that, by the year 2020, 66% of all Utahns ages 20 to 64 will have a postsecondary degree or certificate.

This plan is critical in achieving our Vision 2020 goal. Utah’s workforce—providing the skilled technicians that are so vital to the productivity of our employers and to our economic prosperity.

We encourage the Legislature, employers and all residents to support and take full advantage of the excellent programs UCAT provides. We are proud of UCAT, its accomplishments, and its contribution to support and take full advantage of the excellent programs UCAT provides.

Sincerely,

Gary R. Herbert, Governor
State of Utah

October 2011

UCAT has had a great year serving over 40,000 students across eight vibrant applied technology college (ATC) campuses from Logan to St. George to Vernal to Tooele! Bridgerland ATC and Ogden-Weber ATC celebrated 40th anniversaries as technical education institutions in 2011. Dixie ATC also celebrated its ten-year anniversary. I salute the accomplishments of these fine institutions and the thousands of lives that have benefited from UCAT education on their campuses.

UCAT added two facilities in 2011. The ribbon was cut in January on the Mountainland ATC main campus building at Thanksgiving Point in Lehi. In June, another ribbon-cutting opened the Health Technology Building on the Ogden-Weber ATC campus.

In September, Dixie ATC opened a new facility in the Tonaquint area, made possible by a partnership with the City of St. George. It will allow DXATC to expand its services to the people of Southwest Utah.

Tooele ATC received funding from the City of Tooele and the State of Utah for a facility to serve that rapidly growing region. Tooele ATC received funding from the City of Tooele and the State of Utah for a facility to serve that rapidly growing region.

Tooele ATC received funding from the City of Tooele and the State of Utah for a facility to serve that rapidly growing region.

Articulating Certificates to Associate Degrees

UCAT anticipates significant student interest in the developing articulation agreements between UCAT campuses and Utah System of Higher Education (USHE) institutions. These agreements allow students to use their 900-clock-hour UCAT postsecondary certificates to obtain 30 semester hours at USHE institutions (where agreements exist) toward associate of applied science (AAS) degrees in General Technology. UCAT has developed the instruction in the instruction in the technical specialty of the AAS degree.

This new opportunity allows Utahns to be enrolled in a practical “ladder system” where their initial employability credential is a postsecondary certificate, enabling them to seek employment in their area of technical specialty. If individuals pursue additional postsecondary credentials, the employability and earning power of their postsecondary certificates assist them to better meet the costs of additional higher education.

Sincerely,

Robert O. Brems, President
Utah College of Applied Technology

October 2011

Accelerating College Credentials for Utah’s Vision 2020

The Utah College of Applied Technology plays a vital role in the training and education pipeline by providing industry-driven certificates and training. Short- and long-term certificates can lead to family-sustaining earnings and economic prosperity.

Certificates will be a critical component of meeting Governor Herbert’s Vision 2020 plan for increasing educational attainment among Utah’s workers. They have been the fastest-growing credential in higher education nationally, and the need is growing significantly.

UCAT campuses awarded 5,430 certificates in 2011. The numbers have been increasing 8% to 10% each year. To help Utah keep pace with the need, UCAT has proposed a legislative funding initiative to accelerate the process for Utahns to obtain a postsecondary certificate by 15% per year between now and 2020, which would contribute 115,301 total certificates.


Articulating Certificates to Associate Degrees

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Sincerely,

Robert O. Brems, President
Utah College of Applied Technology

October 2011

From the Governor

From the President

Utah’s Jobs in 2018

Projection of workforce educational needs

• It is forecasted that 440,000 of 1,063,000 Utah jobs requiring postsecondary education (in 2018) will require some college or a postsecondary certificate.

Source: Georgetown University Center on Education and the Workforce

• A recent study conducted by Dr. Anthony Carnevale indicated: “27% of people with postsecondary licenses or certificates—credentials short of an associate’s degree—earn more than the average bachelor’s degree recipient.”

Source: Harvard University, Endgame to Prosperity Report
Certificates for Utah’s Workforce

Preparation for Technical Employment
UCAT’s eight campuses offer 265 accredited certificate programs preparing students for a variety of technical fields. Coursework can be generally summarized in the program areas listed on pages 6–7.

Program Standards and Outcomes
Programs offered by UCAT campuses are approved under rigorous standards established by the Board of Trustees and by the Council on Occupational Education (COE), which accredits each campus. COE is a national accreditation agency authorized by the United States Department of Education which specializes in career and technical education institutions and programs.

Each program must directly accomplish UCAT’s mission by meeting documented needs of Utah employers for technically skilled workers. It must have a functioning employer advisory committee (see page 12). Each program must also meet critical national standards each year set by COE for student completion, placement in related employment, and professional licensure where applicable.

Program Standards and Outcomes
All UCAT Campuses (FY10)

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<th>OUTCOME MEASURE</th>
<th>COE STANDARD</th>
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<tr>
<td>Completion (%)</td>
<td>61%</td>
<td>66%</td>
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<tr>
<td>Placement (%)</td>
<td>70%</td>
<td>78%</td>
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<tr>
<td>Licensure (%)</td>
<td>84%</td>
<td>98%</td>
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</table>

A bigger wrench means more leverage. This student will have more leverage in the job market with his Diesel Mechanic certificate.

Facilities for Training Utah’s Workforce
Adequate facilities are essential to training the workforce in the skills necessary for Utah to be competitive.

With assistance from industry, the legislature and communities, UCAT campuses strive to have state-of-the-art buildings, labs, and equipment that meet the standards industry needs now and for the future. This page highlights buildings completed during FY 2011 and in the planning/development stage.

Mountainland Applied Technology College
Thanksgiving Point (Main) Campus, Lehi
Opened January 2011 • 97,727 sq. ft.

Programs: Practical Nursing, CDL, Dental Assisting, Culinary Arts, EMT, Medical Assisting, Cosmetology, Medical Office Administration, Medical Billing and Coding, Pharmacy Tech, Information Technology, CNA, Business Technology.

Features: LEED Silver (projected), CDL Building and driving range, demonstration kitchen.

Ogden-Weber Applied Technology College
Barker Family Health Technology Building, Ogden
Opened June 2011 • 88,000 sq. ft.

Programs: Dental Occupations, Medical Assisting, Health Information Technology, Nursing, Pharmacy Technician and Clinical Lab.

Features: LEED Gold (application submitted), Super High Energy Efficient Boiler System, solar hot water system supplying 66% of domestic hot water, hydronic in slam hot water heating system at all main level entry areas.

Dixie Applied Technology College
Tonaquint (Main) Campus, St. George
Opened July 2011 • 31,389 sq. ft. (leased)

Programs: Medical Assisting, Pharmacy Technician, Drafting and Design, Office Management, Building Construction, American Heart Association Training Center and Catapult.

Tooele Applied Technology College
Main Campus, Tooele
Development/planning approved March 2011
Target opening May 2013 • 66,750 sq. ft.
# Occupational Training Programs

## Chart of UCAT Programs

### Program Areas

<table>
<thead>
<tr>
<th>Business Technology Programs</th>
<th>BATC</th>
<th>DATC</th>
<th>DXATC</th>
<th>MATC</th>
<th>OWATC</th>
<th>SWATC</th>
<th>TATC</th>
<th>UBATC</th>
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<td>Retail Sales &amp; Fashion Merchandising</td>
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<td>Medical Office Laboratory Technician</td>
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| Medical Transcription            | 1    | 1395 | 1     | 1395 |
| Pharmacy Technician              | 1    | 360  | 1     | 360  |
| Phlebotomist                     | 1    | 108  | 1     | 108  |
| Practical Nursing                | 1    | 410  | 1     | 410  |
| Radiology Practical Technician   | 1    | 930  | 1     | 930  |

### Program Areas

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<th>Surgical Technology</th>
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<td>Machinist/CNC</td>
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<td>Manufacturing Operations</td>
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<td>American Sign Language Interpreter</td>
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<td>Cosmetology/Cosmetology Instructor</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transportation Programs</th>
<th>BATC</th>
<th>DATC</th>
<th>DXATC</th>
<th>MATC</th>
<th>OWATC</th>
<th>SWATC</th>
<th>TATC</th>
<th>UBATC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Collision Repair</td>
<td>1</td>
<td>1300</td>
<td>1</td>
<td>1300</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automotive Technician &amp; Small Engine</td>
<td>1</td>
<td>1410</td>
<td>1</td>
<td>1410</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDL Commercial Drivers License</td>
<td>1</td>
<td>900</td>
<td>1</td>
<td>900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diesel, Heavy Duty</td>
<td>1</td>
<td>163</td>
<td>1</td>
<td>163</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Equipment Operator</td>
<td>3</td>
<td>930-900</td>
<td>1</td>
<td>930-900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Program lengths shown in # of hours expected to complete programs. Certificates listed are post-secondary programs which fully prepare for employment, are approved by the Council on Occupational Education for campus accreditation, and are tracked for completion, placement, and licensure.*
Enrollment Levels Off as Capacity is Stretched

The amount of training provided by UCAT campuses in the five years since FY2006 increased by 1.3 million hours (27.4%)—roughly equivalent to the size of one of the larger campuses, or the four smallest campuses combined. The two years from FY2009–FY2010 alone saw a record-breaking 21.7% increase.

As campus resources were stretched to capacity between demand for more career and technical education and budget shortfalls triggered by the recession, campus enrollment leveled off and dipped slightly during 2010–2011.

Adult students maintained a level of enrollment relatively consistent with last year’s, logging a decrease of slightly more than 3% in membership hours (amount of time students are enrolled), although several campuses had increases as high as 12.7%. High school enrollment experienced a more significant drop of 8.9% (see next page). Overall membership hours for both adult and high school students decreased 2.8%.

Headcount (the number of students) showed a similar decrease of 2.4% overall, with a 3.2% drop in high school students and 2.2% in adults. UCAT campuses and affiliated Custom Fit partners served nearly 56,000 people last year.

Enrollment FY2011

<table>
<thead>
<tr>
<th>FY2011 Program Enrollment¹</th>
<th>Membership Hours</th>
<th>Student Headcount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Students</td>
<td>1,528,136</td>
<td>9,411</td>
</tr>
<tr>
<td>Postsecondary Students</td>
<td>4,713,720</td>
<td>32,081</td>
</tr>
<tr>
<td>Total</td>
<td>6,241,856</td>
<td>41,492</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>FY2011 Custom Fit Enrollment²</th>
<th>Training Hours</th>
<th>Trainees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom Fit Trainees</td>
<td>204,475</td>
<td>14,308</td>
</tr>
</tbody>
</table>

¹ Membership/Headcount detail on page 10–11.
² Includes eight UCAT campuses, USU-Eastern and Snow, which provide Custom Fit regionally under UCAT oversight. See detail on page 15.

Building Utah’s Economic Future

The need for the certificates and workforce training provided by UCAT campuses is growing stronger each year. UCAT is uniquely positioned to prepare the workforce that will secure and support Utah’s economic prosperity. Campuses tailor their programs to directly meet the needs of employers in their regions, providing those programs and skills that offer the best employment prospects and drive Utah’s economic engine.

As UCAT works creatively with industry partners and the legislature to access the resources needed for training the workforce, enrollment will continue its previous pace to sustain the continued development of the workforce needed to support a vibrant economy.

Serving Utah’s High School Students

Providing specialized career and technical education (CTE) for secondary students in conjunction with school districts is one of the important responsibilities of UCAT campuses. High school students particularly benefit from UCAT programs by being enrolled tuition-free and receiving credit from their high school toward graduation. They can progress toward (and sometimes complete) a post secondary UCAT certificate while in high school that prepares them for employment and, often, additional college education.

Utah has charged UCAT with providing “information detailing how the career and technical education needs of secondary students are being met, including what access secondary students have to programs offered at college campuses” (Utah Code Ann. § 53B-2a-104(2)(i)(j)).

Continued Impacts on Secondary Student Enrollment

Budget cuts and increased high school graduation requirements have impacted enrollment of high school students in the ATCs the last three years. While less significant than last year’s 11.1% decline, secondary membership hours dipped 8.9% in the 2010–2011 school year, and 3.2% fewer high school students (headcount) took courses from UCAT campuses.

District Average Daily Membership Challenges

Statutory language providing for high school students attending ATC courses to be counted in their school district’s regular average daily membership was removed in the 2011 legislative session. While UCAT campuses continue to enroll high school students tuition-free, the change has raised concerns for school districts about possible financial impacts of referring their students. UCAT and public education officials are working closely with legislators on approaches that will continue to support districts in providing access for their students to receive the full benefits of career and technical education programs offered at the ATCs.

District Average Daily Membership

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>enrollment percent</td>
<td>11.1%</td>
<td>8.9%</td>
</tr>
</tbody>
</table>

A high schooler learns the quick tire change at BATC Career Days.
### Student Headcount History

<table>
<thead>
<tr>
<th></th>
<th>FY 07</th>
<th>FY 08</th>
<th>FY 09</th>
<th>FY 10</th>
<th>FY 11</th>
<th>FY 10 to FY 11 Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>BATC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post Secondary</td>
<td>1,050</td>
<td>2,114</td>
<td>1,878</td>
<td>1,988</td>
<td>1,587</td>
<td>(311) -15.65%</td>
</tr>
<tr>
<td>Post Secondary</td>
<td>5,073</td>
<td>4,858</td>
<td>5,748</td>
<td>5,537</td>
<td>5,131</td>
<td>(396) -6.27%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>6,123</td>
<td>7,032</td>
<td>7,866</td>
<td>7,525</td>
<td>7,072</td>
<td>(178) -2.54%</td>
</tr>
</tbody>
</table>

| DATC  |       |       |       |       |       |                       |
| Secondary | 1,000 | 1,958 | 1,703 | 1,980 | 1,661 | (321) -16.53%         |
| Post Secondary | 4,094 | 5,254 | 5,774 | 6,647 | 6,681 | 44 0.65%             |
| TOTAL  | 5,094 | 7,212 | 7,477 | 8,608 | 8,342 | (366) -3.99%         |

| OXATC |       |       |       |       |       |                       |
| Secondary | 505    | 628   | 766   | 473   | 522   | 49 10.50%             |
| Post Secondary | 1,520 | 2,357 | 4,275 | 5,309 | 6,577 | 649 12.09%           |
| TOTAL  | 2,025 | 3,005 | 5,041 | 6,882 | 8,106 | (178) -27.78%        |

| MATC  |       |       |       |       |       |                       |
| Secondary | 1,613 | 1,867 | 1,895 | 1,326 | 1,284 | (42) -3.17%           |
| Post Secondary | 3,371 | 4,413 | 3,804 | 4,527 | 3,649 | (878) -16.84%        |
| TOTAL  | 5,084 | 6,280 | 5,699 | 5,973 | 5,933 | (60) -1.00%          |

| OWATC |       |       |       |       |       |                       |
| Secondary | 2,289 | 2,252 | 2,178 | 1,514 | 1,286 | (424) -15.67%        |
| Secondary | 6,127 | 6,782 | 6,112 | 4,495 | 4,222 | (273) -5.07%         |
| TOTAL  | 8,416 | 9,034 | 8,286 | 5,909 | 5,508 | (747) -13.07%        |

| SWATC |       |       |       |       |       |                       |
| Secondary | 1,171 | 1,278 | 807   | 762   | 1,046 | 285 37.35%           |
| Secondary | 694    | 1,386 | 902   | 1,178 | 945   | (85) -47.88%         |
| TOTAL  | 1,865 | 2,664 | 1,609 | 1,925 | 1,991 | (96) -22.12%         |

| TATC1 |       |       |       |       |       |                       |
| Secondary | 443   | 505   | 537   | 486   | 432   | 53 10.50%             |
| Post Secondary | 625   | 1,237 | 1,372 | 1,298 | 1,269 | (29) -2.26%           |
| TOTAL  | 669   | 1,742 | 1,909 | 1,784 | 1,699 | (85) -47.88%         |

| UBATC |       |       |       |       |       |                       |
| Secondary | 1,604 | 1,460 | 1,591 | 1,664 | 1,557 | (107) -6.58%         |
| Post Secondary | 3,276 | 3,874 | 4,287 | 4,542 | 5,232 | 688 14.83%           |
| TOTAL  | 4,878 | 5,334 | 5,878 | 6,116 | 6,789 | 552 9.21%            |

### UCAT TOTALS

| Secondary | 11,391 | 11,413 | 11,127 | 9,717 | 8,741 | (366) -3.15%         |
| Post Secondary | 24,417 | 28,807 | 31,117 | 32,807 | 32,861 | (522) -2.17%        |
| TOTAL  | 35,808 | 40,220 | 42,244 | 41,524 | 41,582 | (1022) -2.47%       |

### Notes:
1. DATC was established July 1, 2009. FY 09 totals reflect SLTATC students with Tooele County zip codes.
Industry-Responsive Employer Committees

Every certificate program in UCAT has an advisory committee representing employers in the campus region that employ workers in the occupational field. The committees ensure that desirable, relevant and current practices of the occupation are being taught. Many of the employers assist in providing equipment, securing experienced instructors, providing practical work experience, and hiring students.

Employer Committees Advising Programs

| Total Campus Programs | 265 |
| Employer Advisory Committees | 131 |
| Employer Representatives | 951 |

Custom Fit Training for Utah Employers

Celebrating 25 years of providing customized training to business and industry throughout Utah, Custom Fit remains nimble and effective. Custom Fit meets employer training requests and provides services where they are needed, one company and one request at a time.

From Leadership to Horsemanship

Custom Fit Training is as diverse as the companies that make up the Utah economy. While the most-requested training from companies in the Mountainland Region in 2011 was leadership and supervisory skills, the Southeast region strengthened the bottom line of the ranching community by providing Colt Starting and Horsemanship to maximize profits on the sale of horses and bring new money into their region’s economy.

Why Custom Fit?

Custom Fit staff is often asked if training works. The answer comes as a rhetorical question: What happens without training? Every production floor, every office, every service fleet is staffed with ordinary people doing extraordinary things because they have the right training.

As the economy rebounds, Utah businesses recognize the benefits of providing employees the opportunities to upgrade their skills and knowledge base through education and training. Custom Fit is proud to be a vital partner with employers to provide training services and resources that will ensure economic stability now and growth in the years to come.

Pages 14–17 provide a listing of companies receiving Custom Fit training in FY2011. Some of the Employer Highlights on pages 18–19 and on the campus pages include examples of Custom Fit clients.

UBATC’s Petroleum Technology Advisory Committee...

created curriculum for a new 900-hour Petroleum Technology Certificate, established an agreement with Utah State University for the certificate to articulate toward an associate of applied science degree at USU, and is instituting a new Safe-T-School with an outdoor training lab to provide specialized, industry-specific training for oil and gas companies locally, eliminating the need for expensive out-of-state training. Eleven companies are represented on the committee.

Fire Brigade Response at P&G

Custom Fit and the Fire and Rescue Services Program at Bridgerland ATC provided training for more than 40 Proctor and Gamble employees. This training provided their in-house Fire Brigade Response Team with the appropriate information and skills to safely handle fire emergencies at their plant. The management team was trained in Incident Command techniques and processes to ensure that any potential disaster at the facility would be handled efficiently, safely, and in coordination with the local agencies.
Cornerstone: Nutritional & Herbal Formulations

Cornerstone is one of Weber County’s newest businesses, specializing in developing nutritional and herbal formulations in capsules and tablets. Although they have only been an Ogden-Water Custom for a short time, they have become a valuable partner. Cornerstone employees have provided their expertise in developing curriculum and acting as faculties in campus training sessions. Alanna Posey, trainer for Cornerstone says, “The Custom program has enabled Cornerstone to broaden the type of training courses we are able to make available for our employees. Using the Custom program saves Cornerstone money which allows us to provide more training to our employees.”
First Wind Energizes Students

“...the future seems a little brighter when students can see energy technology in their own backyard. Putting friends and neighbors to work,” says Southwest ATC’s Renewable Energy instructor, Andy Swapp. He credits FIRST WIND with making this difference in Beaver County. FIRST WIND operates Utah’s largest wind farm, playing a key role in SWAC’s Wind Technician Program. This partnership ensures students gain industry skills to be successful, with 16+ SWATC students earning jobs at the wind farm. FIRST WIND sponsors the Milford Renewable Energy Fair, funds students’ solar-powered race car creations, and provides scholarships for graduating high school seniors.

Precision Technicians for Malt-O-Meal

When Malt-O-Meal came to Utah in 2003, Erv Garner, maintenance supervisor at the Tremonton facility, sought Bridgerland ATC and the Custom Fit department to fuel his vision of skilled precision maintenance technicians who would take a new plant and keep it running, producing millions of pounds of cereal each year. Malt-O-Meal now has one of the most skilled sets of technicians in northern Utah. Custom Fit works with Malt-O-Meal to educate, test, and provide hands-on workshops to employees. The latest set of workshops required a number of cooperating BATC departments to build laser alignment trainers for large drives and transmissions.

Fired Up in Washington County

The Washington County Fire training warden approached Dixie ATC with an ongoing problem: training needs were at a record high while budgets were being severely cut. The most prohibitive cost for training was travel. Most of the required training was at least as far away as Utah Valley, with some requiring travel to Idaho or Oregon. DXATC offered a solution by providing annual basic training and wildland fire classes required for advancement locally in St. George. This year DXATC provided training to 220 firefighters for a total of 8,675 hours.

Hunter Panels Raises Roof of Success

Hunter Panels manufactures polyiso material for residential and commercial roofing applications at the Utah Industrial Depot in Tooele. A highly successful and well-run operation, Hunter Panels was a National Safety Award winner in 2010. The company is successful because they invest in their people. TATC’s Custom Fit program provides Hunter Panels the opportunity to access quality training to promote and train new hires as the company continues to expand. In addition, Hunter Panel employees enjoy the Manufacturing U program offered by Dixie ATC and facilitated by TATC at the Utah State University – Tooele Regional Campus.

Trained Halliburton Workforce Fuels State Economy

Halliburton Energy Services, with help from the Uintah Basin ATC, supports an effective workforce that is building the economy. UBATC has developed a specialized Safe-T-School training for oil well sites, eliminating the expense of sending new hires out of state. They teamed up to train truck drivers in a condensed 120-hour course, using UBATC classrooms and instructors and Halliburton on-site trainers. UBATC’s CDL instructors provide third-party testing for licensed drivers and for annual reviews, and created a defensive driving course. They established an on-site, streamlined mechanism for re-certifying oilfield employees with safety and first aid training required by law.

Skilled Welders Benefit Utah County Companies

Universal Industrial Sales (UIS), Northwest Pipe (NWP), and Mountain States Steel (MSS) have expressed great satisfaction with the quality of work Mountainland ATC welding students are producing. Each has recently requested more students to interview. Students usually start out making $14–18 per hour. UIS has found that MATC welders have great blueprint reading skills and have given them fitting responsibilities in addition to their welding duties. Brad Olsen, HR Manager for MSS, states, “We have several employees that have finished Welding and Blue Print Reading classes. All have been able to earn their FCW and blueprint reading certifications.”

Right Store. Right Price. Kroger Dairy manufactures milk, yogurt, cottage cheese and ice cream products. Davis ATC has trained 536 Kroger employees in 15 years, saving the company $96,245 and boosting company performance. Recently, Tom Gilmore, the plant manager, asked DATC to set up an 80-hour National Refrigeration Engineers & Technicians Association certification class taught only in Kansas and Idaho. DATC developed a new curriculum that taught their industrial maintenance technicians to troubleshoot refrigeration cycles, compressor maintenance, evaporator liquid feed and energy operations. Tom stated, “DATC’s quality and expertise helped us develop new curriculum, saved our company $1,400 and trained our technicians to repair our multi-million dollar equipment.”
Bridgerland Applied Technology College
(Est. 1971)—Celebrating 40 years!

Campus Highlights
- Opened associate degree pathway through USU articulation agreement. Students with 900-hour BATC certificates who complete 33–38 additional credits at USU-Brigham City can earn an AAS in General Technology.
- The Auto Collision Repair program was selected from 50 schools nationwide for a $50,000 “extreme equipment makeover” by the Collision Repair Education Foundation. Additional leveraging with vendors provided $150,000 in new equipment.
- At a national Foodservice Educators Learning Community Summit, Culinary Arts instructors John Krusi and Rex Davidavor introduced the concept of Learning Contracts, a tool for setting student objectives, diagnosing learner needs, and specifying evidence of accomplishments.

Focus On Jobs
- The Police Academy graduated 30 students with a placement rate of 90% at the time of graduation.
- The Emergency Medical Services and the Fire and Rescue Services programs sponsored the Northern Utah Trauma/Stroke Conference, with 136 health care professionals attending.
- BATC joined other participants across the state in the State Energy Sector Partnership to offer training in “Green Careers” for more than 300 students.
- The Apprenticeship Department offered industry training for contractors, with more than 100 people attending the Green Building and Energy Code Seminar.

Serving Secondary Students
- BATC Machining Technology students worked with InTech Collegiate High School to create a robot for the Robotics Challenge in which the InTech MegaBot placed third in the qualifying rounds and second in the elimination finals.
- Dental Assisting students participated in the “Give Kids a Smile” program, where they were able to work with local dentists to give dental exams to underprivileged children.
- BATC hosted the Pathways “Career Days” event in which 3,500 secondary students were provided the opportunity to interact with business, industry, and education representatives who displayed interactive introductions to potential careers.

Learning to cut steaks
Learning to cut steaks in the Meat Services Program. This student has graduated and is earning his living at Texas Roadhouse Steakhouse, cutting steaks.

Brianna Warrick, Esthetician student, gives a facial.

Business Tech Student Gives Back
As Chelsey Ware neared completion of the Business Technology program, her financial situation worsened and she feared she would not reach graduation. Thanks to a scholarship opportunity, Chelsey graduated and found employment as an office manager. Chelsey’s firsthand knowledge of how scholarship assistance changed her life inspired her to help create the Judy LaMont Foundation Scholarship. The new scholarship at Bridgerland ATC is in loving memory of her employer’s wife (Judy) who lost her courageous battle with cancer. “A large chunk of my happiness I accredit to BATC and to everyone who helped me and taught me in the Business Department!” exclaims Chelsey.

Chelsey Ware
Student
DATC CAMPUSES OF THE UTAH COLLEGE OF APPLIED TECHNOLOGY

Michael Bouwhuis, campus president

Service Region
Davis & Morgan Counties

Main Campus
Kaysville

Campus Board of Directors
Michael Jensen, Chair
William Prows, Vice Chair

Membership Hours1
263,040 Secondary
1,445,298 Postsecondary
1,708,338 Total

Student Headcount1
1,661 Secondary
6,661 Postsecondary
8,322 Total

Membership/Headcount detail on pages 10–11.

Occupational Preparation Outcomes
FY102
Completion: 61% of students enrolled
Placement: 75% of completers in related jobs
Licensure: 99% of completers in licensed fields

Focus On Jobs
Lincoln Electric Training Center — Installed a new virtual welder and robotic welder to train 175 western regional distributors, as well as local adult and high school students.
Okuma/Hartwig Training Center — Provided national training for 380 employees.
Northfront Business Resource Center — Helped 14 incubators raise $25,000-$100,000 in capital.
Small Business Development Center — Raised $3.5 million in capital for 250 companies.
Increased Employer Training — Provided 80,000 hours of training for Hill Air Force Base and 10,000 hours for 130 companies.
Increased Job Placement — Partnered with 260 employer partners to increase placement by 19%.

Serving Secondary Students
Increased Awareness — Educated over 4,097 high school/jr. high students, parents and counselors about DATC through presentations, tours and events.
New Enrollment System — Developed a database for CTE/Counselors to track students’ progress and attendance.
New Pathways — Created monthly demonstrations for 350 Syracuse & Northridge High School students for career pathway development.
National Technical Honor Society — Established the first National Technical Honor Society organization in the state of Utah for 21 students.
Rapid Decline in High School Enrollment — Graduation requirements, funding model changes and competing growth of CTE programs have led to a rapid decline in high school enrollment.

Davis Applied Technology College (Est. 1978)

Campus Highlights
• Increased Membership Hours — FY11 growth 4% (56% for past 3 years).
• Increased Success — Completion rate increased by 2.97% and licensure rate increased by 7.6%.
• New Facilities — Purchased a new building through a grant for the Business Resource Center in Morgan and acquired a 120,000 sq. ft. warehouse in the Clearfield Freeport Center to build a composites manufacturing training center for ATK, Hill Air Force Base, Futura and Lifetime products.
• New Program Development — Developed Esthetician, Master Esthetician, Energy Technician, and Radiology Practical Technician programs.
• New Instructional System Design — Developed a new enrollment and payment method using fixed tuition/fees and completion times for Nurse Assistant, Paralegal, Web and Graphic Design, and Information Technology.
• Improved Metrics — Built a dashboard to track membership hours, headcount, budgets, and demographics using NorthStar and Great Plains.

Custom Fit
94 Companies served
919 Trainees

Appropriated Budget FY12
$11,382,600

Capital Facilities FY12
12,000 sq. ft. Leased
273,236 sq. ft. State Owned
285,236 sq. ft. Total

A New Outlook With Composites at ATK
Reed Tonge was laid off in 2008 from a job he thought he was going to retire from. After attending a job fair, Reed enrolled in the Composite Materials Technology program at Davis ATC. Just five months into the program, Reed was referred by his instructors to ATK, a premier aerospace and defense company. Two months later, Reed completed his training and started work as a composites technician at ATK.
"After two and a half years of diligently looking for work, I am extremely excited with the outlook now for me and my family," said Reed.
DXATC has a fabulous Pharmacy Tech program with an 18-month waiting list, thanks to the tireless efforts of Teresa Gardella. Terry passed away May 22 after a year-long struggle with complications from a heart attack. Many students freely expressed their admiration: “She taught us to love the field of medicine and how to be professionals in our society.” Her legacy is strong with the students she impacted, but one student in particular will carry the torch. Terry’s daughter LeAnn passed her national pharmacy tech exam just days before losing her mom. DXATC is better for having had Teresa Gardella as part of its family.
Tyler Dawe joined Mountainland ATC’s Electrical Apprenticeship program in 2007. Finishing up his fourth-year journeyman licensure, he now has the technical training that will allow him to get a high-paying job to help support his growing family. “When I started my training at MATC, I was just a high school student with no idea what I wanted to go into as a career. With the help of the Apprenticeship staff and instructors, I soon found everything I needed to start my new career path. I can now have a fulfilling career and a way to support my family.”

Mountainland Applied Technology College (Est. 1989)

Campus Highlights
- Opened its 97,721 square-foot, three-story Thanksgiving Point campus, which will house over 3,500 students in 18 programs. The campus has a truck driving range and a CDL program in a separate building.
- Started the Pipe Welding program, where hands-on practice along with classroom study of theory and techniques will be the emphasis of the only pipe welding certification training program in the state of Utah.
- In cooperation with UVU, MATC moved its operations from the Orem Campus to the Geneva Building. Summer classes began in the new facility with Welding, Apprenticeships, Medical Assisting, Nurse Assisting, EMT and Business programs.

Service Region
Summit, Utah, and Wasatch Counties

Main Campus
Thanksgiving Point

Campus Board of Directors
Arthur Newell, Chair
Randall Boothe, Vice Chair

Membership Hours¹
345,932 Secondary
497,688 Postsecondary
843,620 Total

Student Headcount¹
1,284 Secondary
3,449 Postsecondary
4,733 Total

¹ Membership/Headcount detail on pages 10–11.

Occupational Preparation Outcomes FY10²
Completion: 90% of students enrolled
Placement: 88% of completers in related jobs
Licensure: 99% of completers in licensed fields

² Data pertains to occupational preparation students; reported per accreditation standards for December 2010 annual report to Council on Occupational Education.

Custom Fit
152 Companies served
2,011 Trainees

Appropriated Budget FY12
$5,596,500

Capital Facilities FY12
49,324 sq. ft. Leased
156,205 sq. ft. State Owned
205,529 sq. ft. Total
From High School Student to CNC Machinist

Corey Ward heard about the Machining program in high school and when he enrolled at Ogden-Weber ATC he progressed through at lightning speed. He was a natural fit and now works as a CNC machinist for JD Machine. He often helps other employees who have worked for the company longer because of his outstanding skills and aptitude. Corey says, “I was confident going into the workplace with the training I received at the tech college. I developed skills that demonstrated I knew and understood the basics of machining. I have been working at JD Machine for two years and I love my job. My long-range goal is to earn an engineering degree.”

Ogden-Weber Applied Technology College

(Corey Ward)

Focus On Jobs
- The Welding program showed incredible enrollment growth, and placed 60 students with 16 different companies.
- Enrollment in the Information Technology program remained near capacity as students pursued IT certifications valued by industry. Qualified IT workers are in demand at companies like L-3 Communications and Convergys as well as state and federal government agencies.
- Custom Fit’s $359,000 FY11 Ogden-Weber appropriation was committed within seven months, with $280,000+ in company matching funds. Custom Fit was instrumental in bringing new companies and jobs to Weber County, including Otis Spunkmeyer, Levelor, and Wayfair Stores.

Serving Secondary Students
- Hosted first Northern Utah Summer Robotics Camp for 8th and 9th graders with Ogden School District and Weber State University. Participants applied the basics of robotics, electronics, programming and engineering.
- Established a Construction Technology program at Ben Lomond High School, using national curriculum that articulates with additional training, apprenticeships and employment.
- Health programs participated in two regional CTE pathways health career events, providing high school students hands-on exposure to health careers offered at the college.
- Promoted career and technical education opportunities to high school students and parents at post-high school tours and Parent Night.
Southwest Applied Technology College
(Est. 1993)

Campus Highlights
- Initiated Employment Development Center, where students test newly-acquired skills in a real-world, transitional environment, with ongoing faculty support and projects provided by local businesses.
- Partnered with DWS as one of Utah’s SESP Energy Academies, a grant-funded training center teaching current industry skills to Utah’s future wind/solar technology workforce.
- Welcomed successful Emergency Medical Technician (EMT) program as critical addition to established Health Science and Technology programs.
- Articulated SWATC 900-hour certificate programs with Southern Utah University, to provide pathway for tech college students to pursue AAS degree.

Focus On Jobs
- Increased membership hours 28% in Automotive Technology and 20% in Welding Technology with extended hours (8 am–9 pm), enabling working students to take advantage of programs.
- Partnered with First Wind to develop Wind Technician curriculum, increasing renewable energy program graduates’ employability on 400 wind turbines in Beaver County.
- Partnered with Kane County’s Center for Business, Education and the Arts on successful events to train rural entrepreneurs, including the Business of Art conference and Kane County Economic Summit.
- Encouraged economic development through local Business Expansion and Retention program, providing critical training to new and existing business owners.

Serving Secondary Students
- Awarded regional CTE instructors and secondary school counselors “The Carrot Principle” care bundle, providing a quick resource to reward and recognize greatness in the classroom.
- Participated in Tri-County counselor meetings and activities, including new on-campus screens to promote non-traditional CTE career options.
- Created high school student website page, providing counselors with convenient, instant access to schedules, scholarships and enrollment information.
- Provided 50 ATC scholarships to 10 high schools in Iron, Beaver, Garfield and Kane Counties; presented during high school award ceremonies.
- Maintained minimal fee structure for high school students, to encourage enrollment amid challenging economic conditions.

Holly Porter, owner of Cedar City’s A Mane Attraction salon, turned to Southwest ATC’s Custom Fit program when the economic downturn was hurting stylists’ paychecks, and it helped her train and re-focus on new areas. Porter now sees the rewards of her work, adapting her brand to meet market challenges. “I rely on Custom Fit for new ways to improve my business through training. SWATC provides creative workforce resources to benefit small business owners.”
**Tooele Applied Technology College** (Est. 2009)

**Campus Highlights**
- Strong community partners include city and county government, economic development, Chamber of Commerce, various businesses and industry, Tooele County School District (TCSD), USU-Tooele Regional Campus, and the Tooele County Alliance for Education, Employment & Economic Development.
- Partnered with TCSD to offer a Cosmetology/Barbering program.
- Energy Solutions and the Department of Workforce Services provided resources to establish a welding program offering six certificates.
- The legislature appropriated $10 million toward a 66,750 sq ft facility for TATC, with Tooele City committing another $4.5 million and USU-Tooele providing 8.43 acres.

**Focus On Jobs**
- Reached out to the employer community through presentations and surveys to determine what programs, courses, and skills their employees needed. Through this process, successful training sessions were developed and delivered to address employee communication skills, media techniques, computer security, legal basics for supervisors, first aid and more.
- The medical assisting program has been well received in the community. Through externships, physicians are learning firsthand about the level of training medical assisting students receive at TATC. Instructors have received numerous compliments from the health care community.

**Serving Secondary Students**
- Partnered with Tooele County School District for a shared Cosmetology/Barbering program, providing a seamless transition for high school students to complete the full 2,000-hour program at TATC.
- Retired the dental assisting program after review of placement rates and future opportunities concluded the community could not support the TATC program previously shared with the school district, resulting in a substantial secondary enrollment decrease.
- TATC’s flexible scheduling attracted a growing number of students who were not able to accommodate their career and technical training courses into their regular high school schedule.

**Legislature approves new TATC campus.**

**Governor Herbert signs legislation funding the new TATC facility.**

**Employees value the level of skills students attain in the Medical Assisting program.**

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**Investing in People, Increasing Profitability**
Syracuse Castings West shut their plant down and brought everyone to an eight-hour class, “World Class Transformation,” through the Tooele ATC Custom Fit program. The training brought this tight-knit group even more focus. Last spring they undertook a comprehensive continuous improvement training program, identifying three high-potential leaders within their ranks to drive advanced 21st Century manufacturing strategies such as 5-S, Six Sigma principles, and Kaizen Blitz projects. After just three months, they have made enormous strides. Strengthening and increasing the profitability of this company by investing in people is a fine example of what Custom Fit was meant to do.
Teaching anatomy through clay. These high school students learn human anatomy by making clay figurines.

**Uintah Basin Applied Technology College** Est. 1968

**Campus Highlights**
- Successfully completed Council on Occupational Education accreditation reaffirmation visit with no recommendations and one commendation.
- Had a 10% increase in student headcount, due in part to high volume of Safe land, OSHA and other safety training provided to petroleum production personnel.
- Provided 374 local businesses with specialized training for employees.

**Focus On Jobs**
- Revitalized Pharmacy Technician program: restructured curriculum, hired new instructor, increased number of clinical sites, remodeled classroom.
- Developed specialized Safe-T-School training for Halliburton Energy Services employees, eliminating the time and expense of sending new hires out of state for the same training.
- Increased live work opportunities for Heavy Duty Diesel students by allowing them to perform routine maintenance and repairs on UBATC heavy equipment and CDL fleet.

**Serving Secondary Students**
- Increased participation in annual trades fair by expanding exhibitors to include Culinary Arts, Cabinetry, Carpentry, Commercial Arts and Welding students.
- Conducted campus tours, introduced instructors and explained available programs for incoming high school students.
- Partnered with Anadarko Petroleum Corporation to host career fair for secondary Ute tribal students.
- Experienced decrease in secondary enrollment due to elimination of one faculty position as a result of budget cuts.

Now a Sole Provider and Emergency Care Provider

When Nicole Farnsworth’s husband died from swine flu, she unexpectedly became the sole provider for herself and two daughters. She decided a profession in health care would provide stable employment options. Nicole had worked as a nurse assistant but wanted to train for a higher-paying job. She enrolled in the Uintah Basin ATC’s Practical Nursing program. Farnsworth’s unique situation qualified her for a financial aid sponsor, making it possible to attend full-time. Nicole completed her PN in May and was immediately hired by the Uintah Basin Medical Center, securing a good-paying job in the hospital’s emergency room.

Nicole Farnsworth
Uintah Basin Medical Center

Mark Walker, campus president
Health Care Career Change? Go For It!

KATE SMART took some family advice and found a trade to support her while she attended college. After completing the Mountainland ATC Cosmetology program, she said “it was not at all easy or natural for me, being somewhat of a tomboy, but it gave me a great job and supported me while attending UVU and then BYU.” Realizing she felt more at home with a torch and some metal rather than a comb and some hair, she decided to once again enroll at MATC in the Welding program. “In high school, I loved everything from woodshop and metal shop to plastics and welding. It has taken me a long time to figure out what I love to do for a career, but it’s been well worth the search to find what clicks!”

From Curling Iron to Welding Torch

JOHN SKOUGAARD was earning nearly six figures in real estate as a self-employed business owner. ‘When things in my industry started going bad, I wanted to go back to something I knew I loved,’ said John. He enrolled at Southwest ATC and became a Certified Nursing Assistant in 2009. John has since worked for various medical centers while earning his Phlebotomy certificate and EMT license, significantly increasing his benefits and wages. John credits his wife with setting him on a new path. “Shari really encouraged me to pursue health care again, even though she was a placement specialist. I knew I loved,” said John. He enrolled at the Ogden-Weber ATC, where he earned a Phlebotomy certificate and EMT license, significantly increasing his benefits and wages.

CADD Helps Inventor Develop Product

STEVE MORTENSEN invented the SureClip, an industrial carabiner which is now distributed worldwide. By using skills he developed in Uintah Basin ATC’s Computer-Aided Drafting and Design program, he reduced the costs that are normally associated with product development by streamlining the design process. Steve developed the prototype of the SureClip in the UBATC computer lab, and then programmed the latches in his machine shop to mass-produce the clip. Mortensen also streamlined his machine shop business, making it more profitable than ever. Setting the computer-driven lathes for machining routine jobs used to require up to 40 hours of work; now he can program them for any size job in an hour. He can accept more jobs and complete them quickly because the drafting, documentation, and manufacturing processes are all determined by the CADD software in one simultaneous step.

Drafting His Way to Excellence

If you told faculty at Pine View High School in 1998 that SHAUN PATTON would earn a master’s degree, they may have laughed out loud! Shaun was anything but a serious student. However, as the son of a successful architect, Shaun was interested in drafting, and mastered every class offered at Dixie ATC, then started his own drafting company. With time, life experience, and a little maturity, Shaun developed the confidence to register at Dixie State, where he earned a bachelor’s degree, which set him on the path to an advanced degree. Shaun graduated with a Master of Architecture degree in May, cheered on by his wife and three little children. Shaun credits the excellent experience he had at the DXATC with putting him on this path—where his future is very bright.

From Student to Employer Rep in IT

BEVERLY HEIPWORTH came to the Ogden-Weber ATC when she realized she needed a skill to get a good job to help with family finances. While she worked through the Information Technology AAT degree at OWATC, she served as a student ambassador and later as a placement specialist.

Beverly then started working at the Utah School for the Deaf and Blind as a help desk tech. She soon secured her current position as telecommunications administrator for Petersen, Inc. She also serves on the college’s Employer Advisory Team for IT. Beverly says, “The great partnership between my employer and the college helped me get an awesome job. The certifications I earned at the tech college gave me the skills to be successful and the foundation I needed to stay current in the rapidly changing IT industry.”

Embracing Opportunity at the Health Center

When AURELIA WILLSON finished her bachelor’s degree in 1971, she returned to earn a master’s in Organizational Management and held several positions until the economy went bad. When she checked the possibilities at Tooele ATC, Aurelia noticed a program in Medical Office Administration. In the process of purchasing his first home. He is eccentric to have a job he loves and to be able to support his new baby daughter. His boss says, “Mike is really passionate about machining and is one who will excel in this industry.”

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