

Certify your future at 1 of 8 UCAT campuses.

Joint Education Meeting
September 2-3, 2015

Rob Brems, President
Utah College of
Applied Technology





OUR MISSION:

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.**



We have two important customers



Employer

**Seeking competent
employees**



Student

**Looking for
marketable skills**

An Employer's Perspective:



Our relationship with the College has been a key factor in our success. The College is employer focused and listens to the needs of industry. They have been very responsive in providing technical training geared to our company.

-Matt Wardle, President
JD Machine, Ogden



A Student's Perspective:



I was confident going into the workplace with the training I received at the ATC. I developed skills that demonstrated I knew and understood the basics of machining. I have been working with JD Machine for two years and I love my job. My long range goal is to earn an engineering degree.

-Corey Ward, OWATC
Graduate, CNC
Machinist, JD Machine

Dixie Applied Technology College Campus President Kelle Stephens



X

Dixie Applied
Technology
College

DXATC
Constraints

Auto Body

Paramedic

Auto Tech

Diesel Technology

Culinary

Dental Coding

Electro Neuro Diagnostic Technician

Dental Assisting

COTA

Apprentice

\$

\$

\$

\$

Mountainland Applied Technology College Campus President Clay Christensen



MATC Program Development

Web Programming and Development



XACTWARE

Program Information

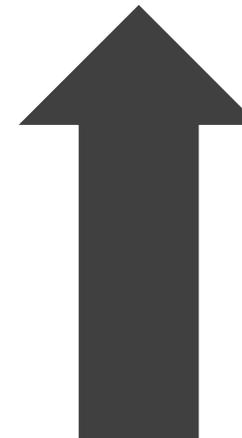
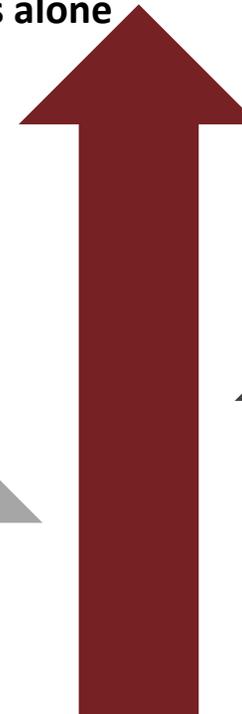
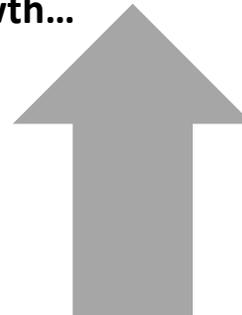
- Development **Collaboration**
- New Program Started **Aug. 2015**
- **Xactware** Employees Enrolled
- **Current Waiting List: 53**

Silicon Slope Facts and Stats

Demand for **AngularJS** has increased **240%** in the last 2 years alone

Web Development jobs to **grow 22%** over the next **10** years

Utah is **#1** in the nation for job growth...



MATC Program Development

Welding/Pipe Welding Programs

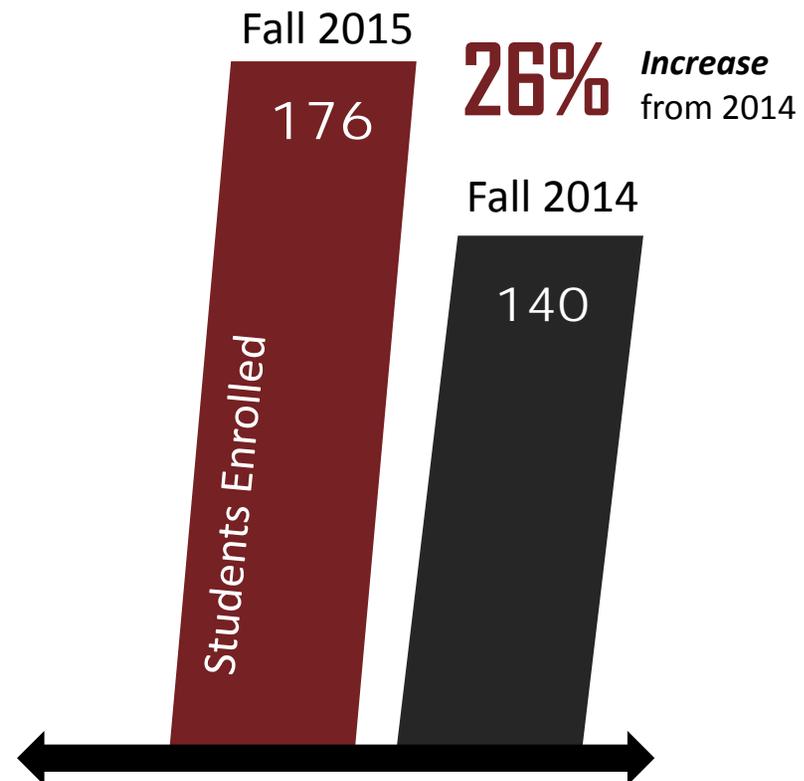


Welding Technology

Program Information

- Implementation in Rural Districts
- Pipe Fitting Program
- Added New Section to help with industry demands
- **Current Waiting List: 52**

MATC Enrollment



MATC Program Development

CNC/Precision Machining

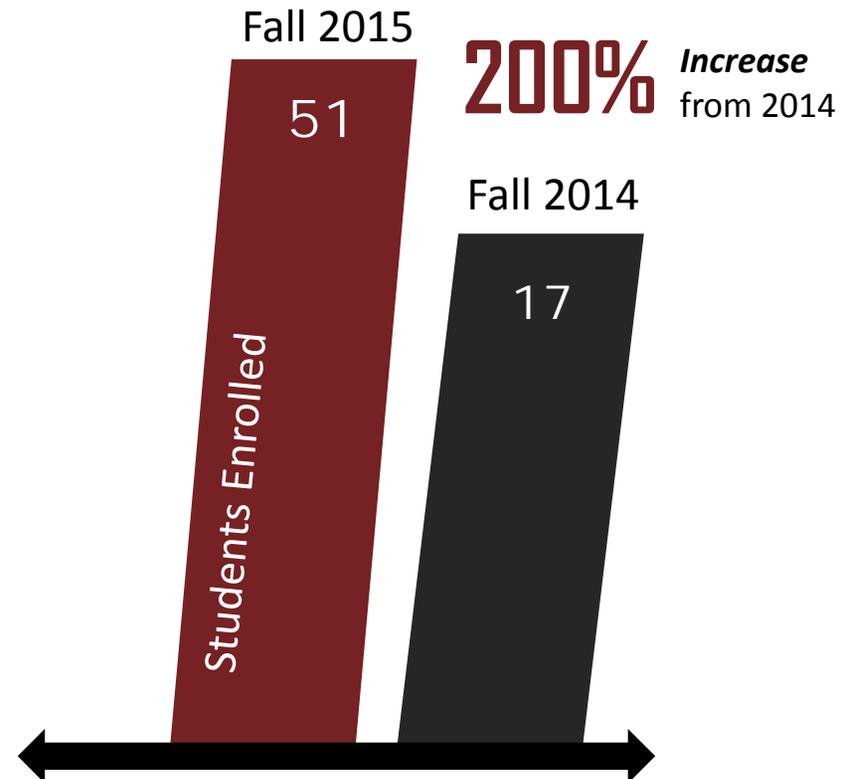


Machining

Program Information

- Leased New Facility
- Equipment Donations from Industry
- Added New Evening Section to help with industry demands
- **Current Waiting List: 25**

MATC Enrollment



Ogden Weber Applied Technology College Campus President Collette Mercier



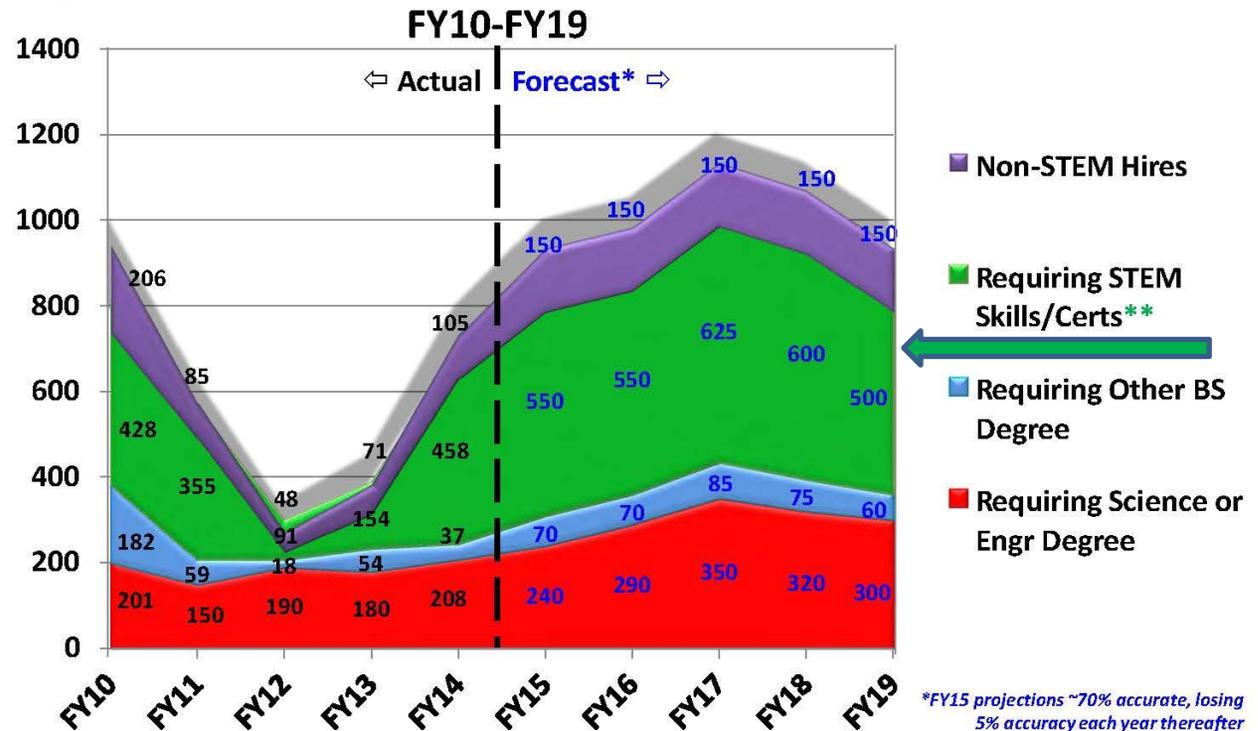
Northern Utah Critical Workforce Needs

Hill Air Force Base largest hiring demand is for individuals with STEM Technical Certificates. **A significant number of these jobs are for composite and NDI technicians.**

Orbital ATK's 2015-2017 employment forecast demonstrates their immediate need for **625 composite technicians**



Hill Air Force Base Hiring Demands



(**College Degree not required, but proficiency in applied math, other tech certifications are used to rank candidates)

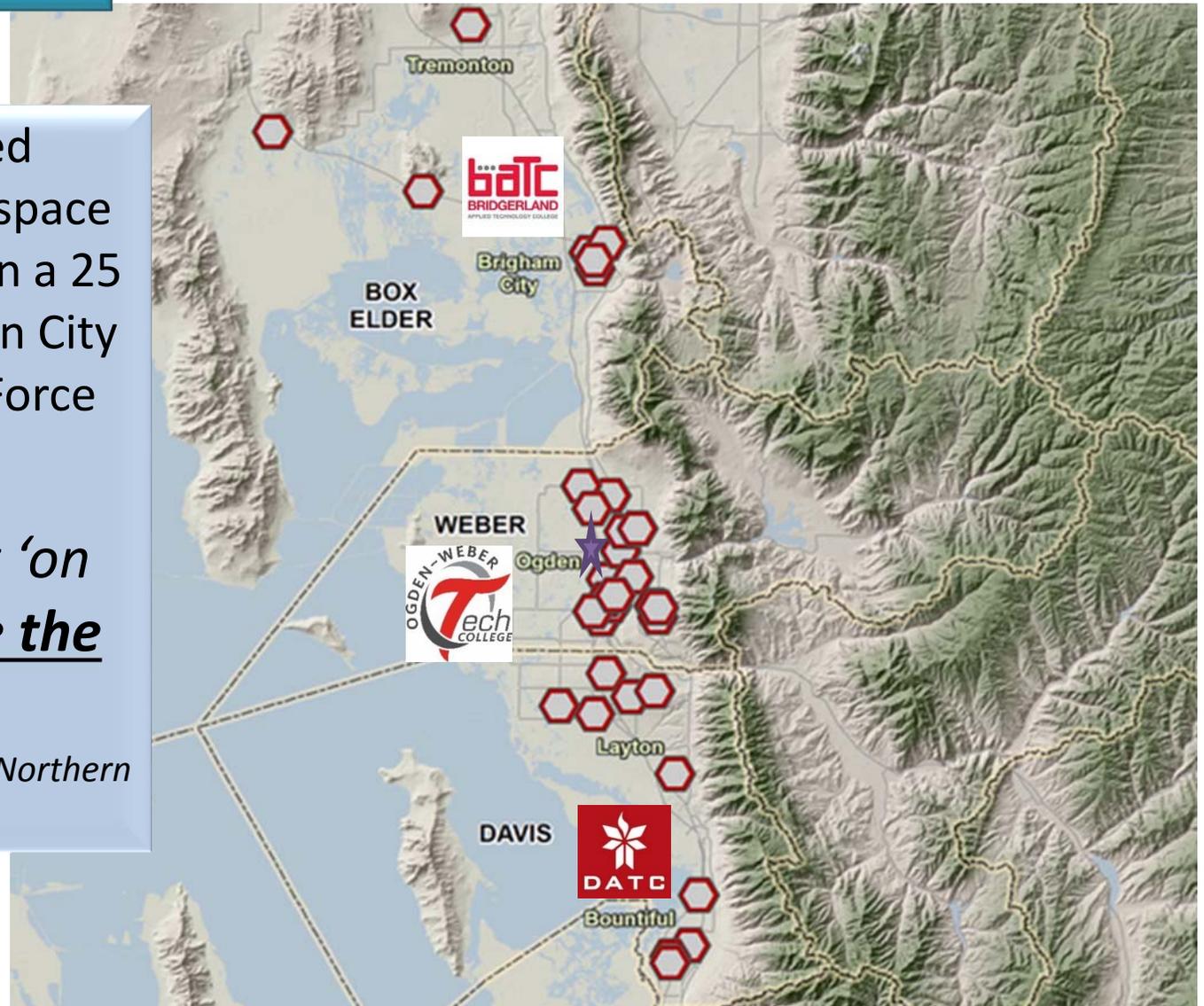


Northern Utah Critical Workforce Needs

Over 30 advanced composite and aerospace industry assets within a 25 miles radius of Ogden City – including Hill Air Force Base

“We are not just ‘on the map’, we are the map.”

-Composites & Aerospace of Northern Utah (C.A.N.U.)





Hill Air Force Base



OWATC Composite and NDI Employer Advisory Teams

- Barnes Aerospace
- Boeing
- Custom Composites Engineering
- DPS Skis
- ENVE Composites
- Exelis
- HAFB Air Force Research Laboratory
- L-3 Communications
- Lockheed Martin
- Orbital ATK
- Petersen, Inc.
- TCB Composites
- Total Quality Systems
- Western Zirconium
- Williams International



Bridgerland Applied Technology College

Campus President Chad Campbell



MANUFACTURING INITIATIVE

- Manufacturing Per Capita
- Core element of economic development
- Automate or go "Global"
- Companies being served by BATC, OWATC, DATC, USU,



MANUFACTURING INITIATIVE

- 3,000 robots in the Bear River Region
- 10-20% increase in robots annually
- 300 job openings annually
- 30-32 BATC capacity
(roughly 10% of demand)
- Factory Authorized Training
(2:1 student-to-robot ratio)
- Motoman (4 Robots)
- FANUC (4 Robots)
- Yamaha Scara (4 Robots)



MANUFACTURING INITIATIVE

USU/BATC Partnership Shared Labs (Brigham City Education Comple

- USU provides space
- BATC provides equipment
- We each provide our own instructors

Qualified Instructors

- Finding
- Retaining

