

UTAH COLLEGE OF APPLIED TECHNOLOGY

AGENDA ITEM

UCAT BOARD OF TRUSTEES

12 January 2017

ITEM: II.J

TOPIC: Strategic Workforce Initiative Proposals

BACKGROUND

During the 2016 legislative session, the Utah State Legislature created the Strategic Workforce Investment (SWI) and appropriated \$1,500,000 in ongoing funds. The purpose of this fund is to provide resources to establish educational pathway partnerships that serve regional industry workforce needs. These pathway programs are meant to provide workforce for high growth and high wage occupations.

SWI proposals must reflect a program of study that is responsive to the workforce needs of the CTE region in a high demand strategic industry cluster as identified by the Governor's Office of Economic Development (GOED). The programs must lead to the attainment of a stackable sequence of credentials; include a non-duplicative progression of courses that include both academic and CTE content; provide for expected student enrollment, attainment rates, and job placement rates; and show evidence of input and support from an industry advisory group.

Eligible proposals must demonstrate a partnership between at least two of the following: a college of applied technology, a school district or charter school, and a degree-granting institution of the Utah System of Higher Education. Proposals involving applied technology colleges require evidence of support from the UCAT Board of Trustees.

The Board of Trustees in its 8 June 2016 meeting considered and indicated support for six FY-2017 SWI proposals involving applied technology colleges. Seven colleges have indicated they will be involved with proposals that will be submitted for a second round of FY-2017 SWI applications that was opened with a 6 January 2017 submission deadline. Information that was available at agenda publication time summarizing the proposals that will be submitted is attached, and any updated information will be provided during the meeting. Evidence of Board support will be required for consideration of the proposals.

RECOMMENDATIONS

UCAT Administration recommends that the Board of Trustees support the Strategic Workforce Initiative proposals on the attached summary or as updated in the meeting.



FY-2017 STRATEGIC WORKFORCE INITIATIVE PROPOSALS

(January 2017 Submissions)

FOR UTAH COLLEGE OF APPLIED TECHNOLOGY BOARD OF TRUSTEES SUPPORT

BATC, Box Elder/Cache/Logan City School Districts, USU: Outdoor Products

Aligning with the strategic industry clusters identified by GOED, Bridgerland Applied Technology College is collaborating with Utah State University, Box Elder School District, Cache School District and Logan City School District to develop an Outdoor Products Pathway. This training will develop a pipeline of trained professionals for the workforce demands in Northern Utah. Students going through Marketing and Fashion Merchandising from BATC will be able to go on to the AAS in General Technology and then the Technology Systems BS degree at USU with a Product Development emphasis.

USU-BATC Faculty and Equipment Funding \$250,000

DXATC, Washington County School District, DSU: Automotive Technician

DXATC is actively engaged in planning for a new Automotive Technology Program. DXATC will work in partnership with Washington County School District to create a pathway for secondary students. Upon completion of introductory automotive classes secondary students can continue their training at DXATC where they will earn a Capstone Certificate and ASE Certifications. DXATC graduates will then be able to articulate to Dixie State University where they can earn an Associate of Applied Science in Automotive Technology. The SWI grant would allow DXATC to hire two highly qualified instructors.

DXATC – two full-time faculty positions: \$220,000

MATC, UVU, Mountainland Region CTEC (7 school districts): Mobile Development

Mountainland Applied Technology College is collaborating with the Mountainland Region Career and Technical Education Committee (CTEC) and Utah Valley University (UVU) to develop a Mobile Development stackable credential program. The program begins with secondary students and instructors, developing and offering a Mobile Development Fundamentals course through each district in the Mountainland Region. The next step will be to move to an advanced MATC industry-developed course that would enable students to be skilled and trained to work in entry-level mobile development. At that time, students will be able to obtain employment and transfer to a related degree at UVU.

CTEC School Districts – Faculty Training, Curriculum:	\$ 83,000 one-time
Post Secondary – Curriculum Dev., Training:	\$ 67,000 one-time
MATC – Faculty, Coordination, Curriculum Updates:	\$150,000 on-going
Total Request	\$300,000 on-going

OWATC, Ogden School District: Northern Utah Aerospace Pathways

Northern Utah Aerospace Pathways is an enhanced duplication in Weber County of the Utah Aerospace Pathways projects previously launched in Salt Lake and Davis Counties. Ogden-Weber Applied Technology College created a preliminary OWATC composites certificate for Ogden School District and opened a composites lab at Ben Lomond High School. Students will participate in an internship, then continue to the full composites certificate at the applied technology college. SWI funding will expand the capacity and support instructor wages, recruiter wages, and equipment.

Ogden School District – Student Transport, Instructor Training:	\$ 61,800
OWATC – Faculty, Eqpt., Coordinator, Supplies:	\$316,183
Total Request (first year)	\$377,983

TATC, USU, Tooele County School District: Information Technology Programming/Coding

Tooele Applied Technology College is collaborating with Utah State University and Tooele County School District to create an Information Technology Programming/Coding career pathway at the urging of the College’s Employer Advisory Committee. This training will increase the current pipeline of IT programmers for the workforce demands along the Wasatch Front and in Tooele County. The training is available to high school students and adults and will lead to a TATC IT Programming Certificate and will continue through to an Associate of Applied Science General Technology Degree with an emphasis in Technology Systems and on to a Bachelor of Science Degree at USU.

TCSU – Faculty Retainment	\$ 20,000
<u>TATC – Faculty, Equipment/Software</u>	<u>\$230,000</u>
Total Request	\$250,000

SWATC, SUU: STEM Pathways

Southern Utah University and Southwest Applied Technology College are collaborating to create and expand STEM pathways in robotics, pre-engineering, electronics, engineering and technology, and computer science. The concept is to create access to stackable credentials that begin in high school and progress through certificate programs and/or associate and bachelor degrees. Each credential will be aligned with industry demand through collaboration with industry partners throughout the service region. It will include multiple entry and exit points for high school, traditional post-secondary and non-traditional students and provide a next step for students from educational institutions across Southern Utah. The effort will include initial outreach and annual training for high school instructors, principals, counselors, and other critical representatives for each pathway taught by content experts and/or industry representatives. For SWATC, the proposal will include a faculty position in computer science.

SWATC Instruction	\$ 83,000
SUU Instruction/Coordination	\$198,200
<u>Project Outreach/Training</u>	<u>\$ 35,800</u>
Total Request	\$317,000

UBATC, USU-UB, Duchesne County School District, Uintah School District: Industrial Automation

Uintah Basin Applied Technology College is collaborating with Utah State University-Uintah Basin, Duchesne County School District, and Uintah School District to meet the needs of employers in the occupational field of Industrial Automation. The proposal requests funding for two faculty positions in the field of industrial automation to teach at UBATC and at USU-Uintah Basin. This is a collaborative effort with two school districts to coordinate coursework through an articulation agreement to create a seamless path for secondary students to attend the applied technology college and on to the university.

USU-Uintah Basin Faculty Funding	\$ 87,000
<u>UBATC Faculty Funding</u>	<u>\$ 88,200</u>
Total Request	\$175,200