

# **Community-Based Job Training Grants**

**Utah Valley State College**

**Grantee:** Utah Valley State College (UVSC)

**Industry Focus:** Advanced Manufacturing

**Key Partners:** Utah Office of Workforce Services; Department of Workforce Services One-Stop Career Center at UVSC and five other locations; Workforce, Education and Economic Development Alliance; Seven local area school districts; Utah Department of Education Mountainland Regional CTE Pathways Coordinator; IM Flash Technology, and the Utah Manufacturers Association

**Grant Amount:** \$1,756,637

**Leveraged Amount:** \$831,021

**Location of Grant Activities:** Utah, Summit and Wasatch counties, Utah

**Challenge:** Utah's technology sector has dwindled from its former powerhouse status, as industry and educators have struggled to react to significant changes in workforce needs. Employers with expansion potential have been identified, and the state has designated advanced manufacturing as one of two key industries on which to focus economic development efforts. Demand is high for individuals trained in automated manufacturing in the Mountainland region, but there is no in-state training program to meet this need.

**Addressing the Challenge:** The Mechatronics Workforce Preparation and Training in the High Technology Manufacturing Sector of Utah's Mountainland Region program will increase the number and quality of graduates in the UVSC Mechatronics Engineering Technology program. This is a hybrid discipline specializing in the design and production of complex, computer-controlled, electro-mechanical systems. An interdisciplinary A.A.S. degree comprised of four key courses and structured around problem-driven learning will be created. A specialized computer-integrated manufacturing laboratory will be instituted along with an outreach program for area high schools. Financial assistance awards will be provided to attract students. High school juniors and seniors will be targeted for enrollment in the program as will nontraditional students, minorities and women.

## **Projected Outcomes:**

- Increase enrollment in the Mechatronics Engineering Technology Degree Program to 100,
- Graduate 46 students by the end of the grant period, 40 in the fourth year and 30 every year thereafter
- 40 graduates will enter employment in Mechatronics by the end of the grant period, and a total of 75 by the end of year 4;
- Earnings will average \$23.00 per hour