

# President's Community-Based Job Training Grants

## Suffolk County Community College

**AWARD AMOUNT:** \$2,377,114

**AREA SERVED:** Suffolk and Nassau Counties and -Long Island, New York

**INDUSTRY:** Advanced Manufacturing

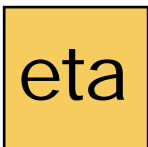
**KEY PARTNERS:** Four employer partners, five workforce partners and five education partners

**CHALLENGES AND CONSTRAINTS:** Collaborations among industry partners and local community colleges have identified a critical need for integrated job training in areas such as mechanics, electronics and computer programming. These competencies, collectively called “mechatronics,” are increasingly needed in manufacturing. Currently, the college does not have the capacity or necessary equipment to provide the training the industry requires in this area.

**ACTIVITIES:** The project will provide training in shortage areas such as automation and control systems, specifications and instrumentation, tolerance and machining processes. Additionally, the initiative will incorporate a manufacturing focus on basic skill shortage areas such as math and writing. Five training modules and an industry internship will be developed and offered to incumbent workers. The project design will provide for career ladder progression for all manufacturing workers in the form of six-month and one-year certificates, and ultimately the reestablishment of a two-year A.A.S. degree in advanced manufacturing processes.

### **PROJECTED OUTCOMES:**

- 300 incumbent manufacturing workers will be trained with at least 80% receiving industry certification;
- 100 dislocated workers, high school and non-traditional college students will be trained with at least 75% receiving industry-validated certification; and
- At least 80% of firms will express satisfaction in worker skills resulting from training.



EMPLOYMENT AND TRAINING ADMINISTRATION  
UNITED STATES DEPARTMENT OF LABOR

*Community-Based Job Training Grants  
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