

Community-Based Job Training Grants

Suffolk County Community College

Grantee: Suffolk County Community College

Industry Focus: Advanced Manufacturing

Key Partners: The Workforce New York Long Island Business Services Team comprised of representatives from NYS Department of Labor, Suffolk County WIB, Oyster Bay Consortium WIB and the Town of Hempstead WIB; New York State and Suffolk County; Aerospace & Defense Diversification Alliance in Peacetime Transition (ADDAPT); Hauppauge Industrial Association Manufacturing Group (HIA); Precipart Corp.; Air Industries Machining Corporation; Welding Metallurgy Inc.; H&H Technologies; Gasser & Sons; and William Floyd School District.

Grant Amount: \$1,668,270

Leveraged Amount: \$5,676,432

Location of Grant Activities: Suffolk and Nassau Counties, New York

Challenge: As manufacturing industries move toward a more integrated technology approach, there is a critical demand for specialized job training in Computer Numerical Control (CNC) machining and welding. As of 2006, there were more than 3,500 manufacturing companies on Long Island. The region is home to an aging workforce that will need to be replaced in the coming years. However, training providers in the New York Metro area don't offer nationally recognized, equipment-specific, certified training in welding or CNC machining. Training programs need to be developed at multiple entry points to create a new pipeline of skilled workers.

Addressing the Challenge: The Technical Education in Advanced Manufacturing (TEAM) Initiative will address the challenge by developing regional capacity to provide equipment-specific training to welders and CNC machinists, and provide them with career ladder opportunities. Each distinct training track, offered to at least 225 incumbent, displaced, and immigrant workers, and high school students, will consist of four modules. Each of the four tracks will result in industry certification from the American Welding Society or National Institute for Metalworking Skills. Support will be provided to dislocated workers, returning soldiers and immigrants prior to and during the training. Extensive outreach efforts will be aimed at these target audiences, and will be conducted by strategic partners including WIBs, industry associations, companies, and school districts, to ensure a continuous pipeline of qualified employees.

Projected Outcomes:

- 235 individuals will participate in training activities, including instructor training
- 225 individuals will enroll in training programs
- 152 individuals will complete training activities, including instructor training
- 142 individuals will receive credentials