

President's Community-Based Job Training Grants

Alamo Community College District

AWARD AMOUNT: \$1,344,569

AREA SERVED: South Texas

INDUSTRY: Advanced Manufacturing

KEY PARTNERS AND LEVERAGED RESOURCES: \$1,616,791 in leveraged resources from six employer partners, two workforce partners, four education partners and fifteen additional partners

CHALLENGES AND CONSTRAINTS: San Antonio lacks the skilled workforce needed to staff the Toyota Motor Manufacturing plant that is scheduled to open in October 2006. Alamo Community College's curricula needs to be updated to train workers to the high-performance, high-technology manufacturing skills required for success in the industry.

ACTIVITIES: This project will establish a system for creating a manufacturing workforce pipeline, enhance and upgrade the skills of incumbent workers to industry standards and create a responsive training workforce delivery system to meet the needs of the manufacturing industry. Grant activities include the creation of a K-12 workforce education pipeline; course development for incumbent workers in Manufacturing Foundations, Quality, and Lean Manufacturing; and outreach to untapped labor pools. The Manufacturing Center of Excellence will be developed to connect high school students to manufacturing careers, provide training to unemployed workers and upgrade the skills of at-risk incumbent workers.

PROJECTED OUTCOMES:

- 570 adults and 196 youth will be served under the grant;
- 96 high school students will be enrolled in the dual-credit manufacturing academy;
- 100 youth will participate in summer exploratory courses and manufacturing activities;
- 288 incumbent workers will complete an average of 24 hours of skill upgrades;
- 24 incumbent workers will complete 32 hours of training in quality management and receive certificates;
- 156 individuals will complete production worker training of 120 hours;
- 12 individuals will complete Computer Numerically Controlled (CNC) training of 120 hours;
- 36 individuals will complete precision tool and die training of 400 hours;
- 30 individuals will complete Skilled Team Member training of 400 hours; and
- 24 faculty members will become master trainers.

