

# Community-Based Job Training Grants

## *St. Louis Community College*

**Grantee:** St. Louis Community College

**Industry Focus:** Aerospace

**Key Partners:** Boeing; GKN Aerospace; St. Louis Agency on Training and Employment; St. Louis County Workforce Development; Ferguson-Florissant School District; Ritenour School District; and Better Family Life.

**Grant Amount:** \$1,189,797

**Leveraged Amount:** \$1,592,680

**Location of Grant Activities:** St. Louis, Missouri

**Challenge:** The aerospace industry is projected to add a significant number of additional jobs to the regional economy. Currently, St. Louis Community College (STLCC) lacks targeted courses that have been developed for the aerospace industry, and college faculty and technical instructors need to be trained to prepare students with the new skill sets required by the industry.

**Addressing the Challenge:** STLCC will establish the St. Louis Aerospace Institute to address critical workforce preparation needs, as well as enhance the region's economic competitiveness. The institute will focus on two career pathways: composites manufacturing and a sequence of training that consists of Sheet Metal Assembly Riveter, Mechanical Electrical Radio, and Mechanical Assembly Production. The career pathways may lead directly to employment for participants, and can lead to further education and credentials including certificates and degrees from STLCC, as well as the possibility of articulation to four-year education. Capacity building activities will include development of curriculum with industry input, training of faculty, as well as the development of skill building activities for those potential trainees who are underprepared. A range of entities, including workforce investment boards, community-based organizations, and K-12 partners, will support recruitment for the project, and a strong community awareness campaign will be implemented that is targeted at both parents and students.

### **Projected Outcomes:**

- 432 adults will be trained to enter technical career pathways in the aerospace industry.
- 324 will complete one or more modules of training.
- 243 will enter training-related employment.
- 120 K-12 students will utilize Aerospace curricula modules.

