



Lead the Way: A Workforce Development Video Contest

REMEMBER! You may pick ONE Industry and ONE occupation group in that industry. The 3 requirements you must highlight in the video are Top 3 skill clusters, Estimated Gap, and Expected Wages.



SKILLED TRADES

Sources: Measuring Middle Skills Occupational Gaps within the Finger Lakes Regional Economy, January 2015; Community Engagement at the Federal Reserve Bank of NY.

- I. *HEATING, VENTILATION, and AIR CONDITIONING*
Heating, ventilation, and air conditioning (HVAC) technicians are skilled workers who design, install, maintain, and troubleshoot air conditioning, heating, ventilating, and commercial refrigeration systems. <http://bit.ly/1GGYyZf>
 - A. **Top 3 Skill Clusters**
 - Communication
 - Problem Solving
 - General Repair
 - B. **Estimated Gap**

220 jobs are estimated to go unfilled each year in the region
 - C. **Expected Wages**
 - Entry Wage: \$13.76 per hour
 - High Wage: \$32.32 per hour

- II. *AUTOMATIVE TECHNOLOGIES*
Working on cars requires an understanding of the science and technology that make up the modern automobile. As the automotive industry advances with sophisticated technology, employment opportunities will continue to increase for technicians who are more highly skilled than mechanics of the past. <http://bit.ly/19plq2d>
 - A. **Top 3 Skill Clusters**
 - General Repair
 - Business Environment Skills
 - Communication & Coordination

B. Estimated Gap

192 jobs are estimated to go unfilled each year in the region

C. Expected Wages

Entry Wage: \$11.16 per hour

High Wage: \$25.84 per hour

III. CONSTRUCTION TECHNOLOGIES

Construction technology graduates work for private contractors, facility management departments, construction material vendors, insurance agencies, and engineering and surveying firms, as well as public agencies such as departments of transportation, public works, and code enforcement offices. <http://bit.ly/1IJCRHg>

A. Top 3 Skill Clusters

Communication & Coordination

Software & Programming Skills

Business Environment Skills

B. Estimated Gap

103 jobs are estimated to go unfulfilled each year in the region

C. Expected Wages

Entry Wage: \$12.49 per hour

High Wage: \$29.00 per hour

IV. MILLWRIGHT

Today's millwrights work in factories, power plants, and other industrial settings to move, assemble, install or dismantle machinery. Working with motors or coupling motors, they must know how a number of different machines work. <http://bit.ly/1F9FvET>

A. Top 3 Skill Clusters

General Repair

Problem Solving

Communication & Coordination

B. Estimated Gap

69 jobs are estimated to go unfulfilled each year in the region

C. Expected Wages

Entry Wage: \$14.84 per hour

High Wage: \$29.74 per hour