



IT REGISTERED YOUTH APPRENTICESHIPS

Presented by:

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Missouri Department of
Elementary and Secondary Education

Middle Skills Jobs are Needed

MIDDLE-SKILL JOBS STATE BY STATE | MISSOURI

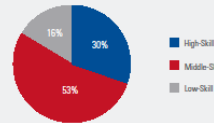
Missouri's Forgotten Middle

Middle-skill jobs, which require education beyond high school but not a four-year degree, make up the largest part of America's and Missouri's labor market. Key industries in Missouri are unable to find enough sufficiently trained workers to fill these jobs.

Demand for Middle-Skill Jobs is Strong

Fifty-three percent of all jobs in 2015 were middle-skill.

Jobs by Skill Level, Missouri, 2015

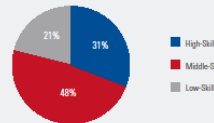


Source: NEC analysis of Bureau of Labor Statistics Occupational Employment Statistics by State, May 2015.

Demand for Middle-Skill Jobs Will Remain Strong

Between 2014-2024, 48 percent of job openings will be middle-skill.

Job Openings by Skill Level, Missouri, 2014-2024

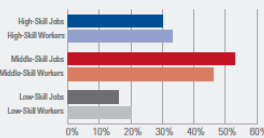


Source: NEC analysis of long-term occupational projections from state labor/employment agency.

A Middle-Skill Gap

Middle-skill jobs account for 53 percent of Missouri's labor market, but only 48 percent of the state's workers are trained to the middle-skill level.

Jobs and Workers by Skill Level, Missouri, 2015



Source: NEC analysis of Bureau of Labor Statistics Occupational Employment Statistics by State, May 2015 and American Community Survey data, 2015.



Traditional Educational Model

- Skilled Tech Programs
 - 3 credits 11-12 Grades for approximately 1000 hrs
 - Post Secondary Training (associate degree)
- Seeking a Job
- Total Time before employment approximately
Graduation + 2 to 3 Years



Registered Youth Apprenticeship Model for Skilled Technical Sciences

- Junior Year- Pre-Screening in the Fall
- Junior Year- Interview in the Spring- 500 Hrs of Training in Classroom/Lab
- Summer Employment Jr Summer for 400 hours
- Senior Year another 500 hours of education, plus possible release time for part of the school day.
- After Graduation- Student continues as your employee and we add a Post Secondary Partner



Ultimate Outcomes

- Grow your own leaders by working them early and guiding what they learn.
- Student with a DOL Journeyman Credential, Associate, and the Industry Credentials that your company needs.
- Better alignment between industry needs and what is taught to students in High School and College



Why consider an Apprenticeship?

- The educational institution (as the intermediary) does the minor paper work for the apprenticeship.
- Apprentice keeps track of work processes and reports back to the school on a routine basis.
- No cost to the employer except the apprenticeship wages and Workmen's Comp
- Catch students early so they see the value of your company and working in a field they love





Questions and Information

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