

REGISTERED YOUTH APPRENTICESHIPS

Presented by:

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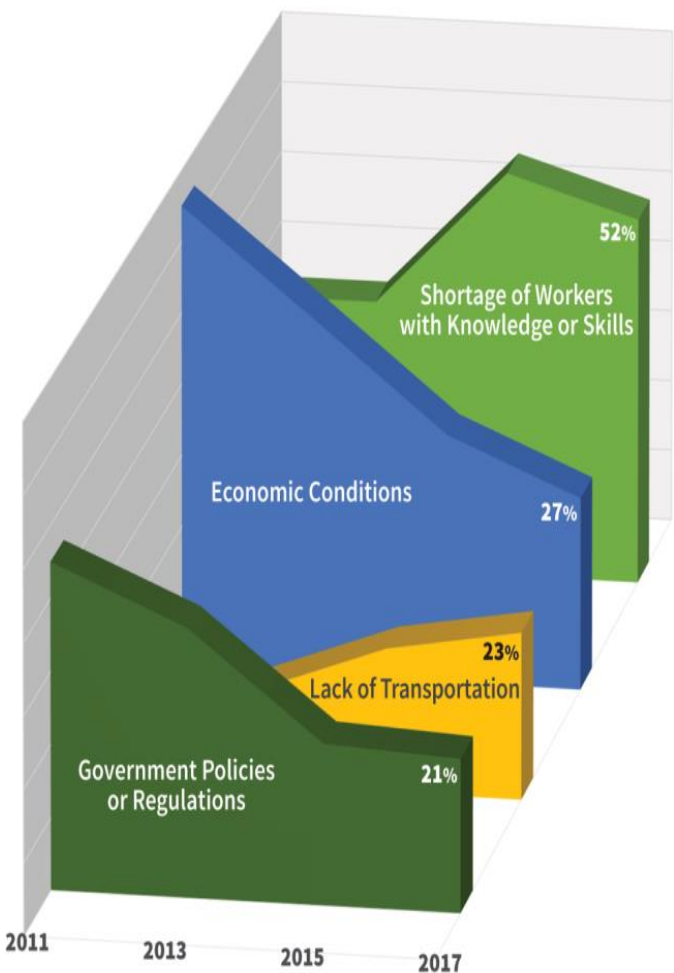
Director, Skilled Technical Sciences



Missouri Department of
Elementary and Secondary Education



St. Louis Job Expansion Barriers



Shortage of Skilled Workers (3rd Year at Top)

Economic Conditions/Gov. Regulations Decline
Lack of Transportation Access Rising



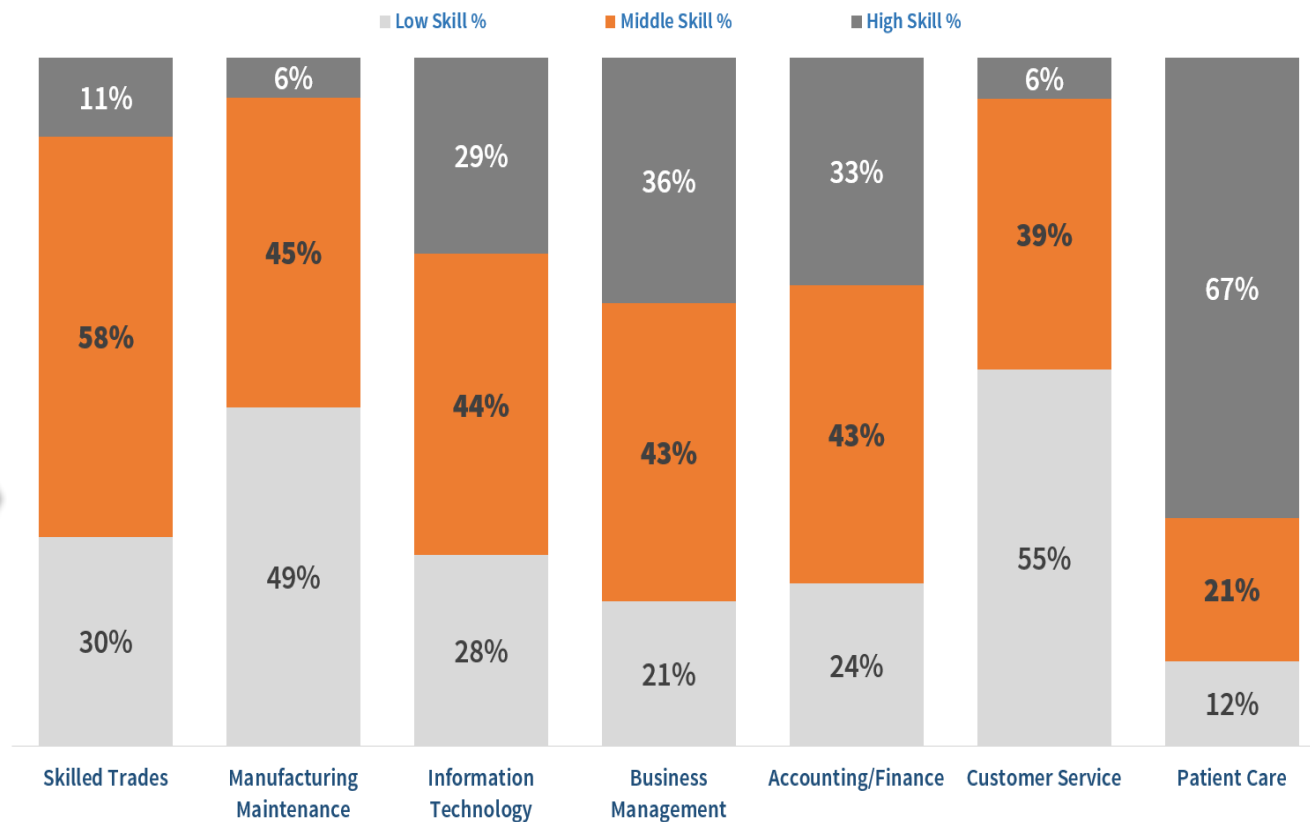


Skill Levels Needed to Meet Shortages

Middle-Skills top need in 4 of 7 Functional Areas to meet skill shortage

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Middle Skill:
Typically requires
training/education
after High School
but less than 4-
Year Degree



Traditional Educational Model

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- Skilled Technical programs
 - Three credits, during 11-12 grades for approximately 1000 hrs.
 - Post-secondary training usually resulting in a certificate or associate degree.
- Conducting a job search
- Total time before employment after graduation is two to three years.



Registered Youth Apprenticeship Model for Skilled Technical Sciences


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- Junior year - pre-screening in the fall
- Junior year - Interview in the spring- after 500 Hrs. of training in classroom/lab
- Summer employment - junior summer for two or three months
- Senior year - another 500 hours of education, plus possible release time for part of the school day (Flex Time- see Graduation Handbook)
- After graduation- student/apprentice continues as an employee and a post-secondary partner is added so that the student/apprentice has opportunity to receive a degree.



Ultimate Outcomes

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- ❑ Students use what they are learning in class and they stay committed to the career field.
- ❑ Partnerships are grown with your industry partners
- ❑ Students have an alternative route rather than a traditional bachelor's degree.
- ❑ MSIP Points available under expansion of Career and Technical Programs. See Memo LS-17-003 at <https://dese.mo.gov/administrative-memos>.
- ❑ Skilled technical program aligns with industry needs 

What the School has to do as an Intermediary

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- The school (as the intermediary) does the paper work for the apprenticeship.
- Students are recruited to become apprentices.
- The apprentice keeps track of work processes and reports back to the school on a routine basis.
- The school adds the apprentice to the Department of Labor database and updates the file as needed by Department of Labor.



More Than an Internship

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- An apprentice is paid from day one.
- Must have a mentor from the industry partner.
- Not a Coop Program, the teacher does not have to monitor the summer employment.
- During the employment, the industry is responsible for the student. Workman's Comp insurance and a mentor ensure safety.
- Apprentice is registered with Department of Labor and receives a certificate of completion.



Registered Youth Apprenticeships

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- Lebanon Area Career Center
 - Welding, Machine Tool
- Rolla Technical Institute
 - Welding, Machine Tool, Woodworking Machining, and Auto Mechanics
- Hillyard Technical Center at St. Joseph
 - Welding, Machine Tool, and Manufacturing Technician.



More Apprenticeship Programs

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- Mt. Vernon – Auto Technology
- Lake Career Center at Camdenon– Marine Service Technician
- Carthage Technical Center – Wood Machinist
- Scott Regional Technical Center at Monett– Welding
- Ozark Technical College at Springfield – Manufacturing Technician



Resources

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- <https://jobs.mo.gov/content/moapprenticeships> (Missouri Registered Apprenticeship Website)
- <https://apprenticeshipusa.workforcegps.org/resources/2017/02/02/10/56/Apprenticeship-Youth> (National Workforce Resource)



Questions and Information

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