

BOTSIQ ROBOTICS TECHNICIAN PRE-APPRENTICESHIP

ABOUT THE PRE-APPRENTICESHIP

BotsIQ's Robotics Technician Pre-Apprenticeship is a Pennsylvania State Registered Pre-Apprenticeship that offers middle and high school students an opportunity to gain real-world technical skills needed for employment in advanced manufacturing and robotics. Industry-based classes provide a strong foundation of knowledge that is supplemented with hands-on projects and activities.

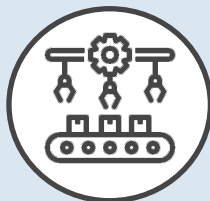
Additional career-related experiences are available.

WHAT IS A ROBOTICS TECHNICIAN?

A robotics technician is a professional who can build, install, test, and maintain robotic equipment or automated production systems. Robotics Technicians require a strong background in mechanical and electrical systems, robot programming, safety, and troubleshooting and problem solving.

ROBOTICS TECHNICIAN CAREERS

Robotics Technicians can be found in a variety of industries including:



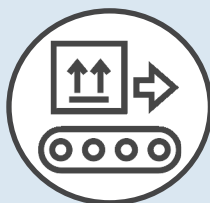
MANUFACTURING



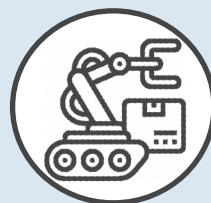
AGRICULTURE



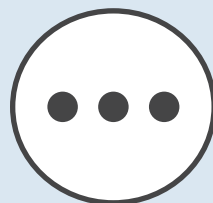
HEALTHCARE



LOGISTICS



MILITARY



and MORE!



BOTSIQ
Robotics Technician
Pre-Apprenticeship



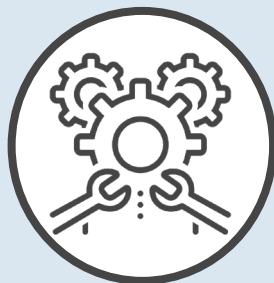
RELATED SKILLS & COMPETENCIES



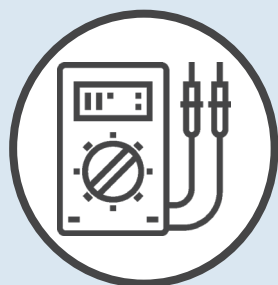
SAFETY



**MATH &
MEASUREMENT**



MANUFACTURING



ELECTRONICS



ROBOTICS



CAREER READY

PRE-APPRENTICE NEXT STEPS

Students who successfully complete BotsIQ's Robotics Technician Pre-Apprenticeship are eligible for advanced placement in these training and apprenticeship programs:



**INDUSTRIAL MANUFACTURING
TECHNICIAN APPRENTICESHIP**



**ROBOTICS TECHNICIAN
APPRENTICESHIP**



**PITTSBURGH CHAPTER
APPRENTICESHIPS**



**INDUSTRIAL MANUFACTURING
TECHNICIAN APPRENTICESHIP**



**TECHNICAL STUDIES
DEGREE PROGRAM**



**ROBOTICS TECHNICIAN
ASSOCIATE OF APPLIED
SCIENCE DEGREE**

FOR MORE INFORMATION

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SOCIAL MEDIA**



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**BotsIQ is a youth
manufacturing workforce
development program of
the Pittsburgh Chapter
National Tooling & Machining
Foundation, a 501(c)(3) non-
profit organization.**



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