

SPARK

INDUSTRY DEEP DIVE: CONSTRUCTION/TRADES

Broome-Tioga BOCES

- BOCES' Center for Career & Technical Excellence program offers 11th- and 12th-grade students the opportunity to learn job skills through instruction and hands-on experience. Successful students are prepared to enter the workforce, earn a technical degree, and/or advance to college with credits earned through articulation agreements. Programs in the Construction and Trades field include:
 - Advanced placement courses: Auto Technology I & II
 - Intermediate courses: Carpentry I & II, Electricity I & II, Heavy Equipment Repair & Operation I & II, Masonry I & II, and Welding I & II.
 - Introductory courses: Building Trades/Plumbing Careers I & II.
 - Learn more: <https://www.btboces.org/CareerTechnicalEducation.aspx>



SUNY Broome Engineering Technology

- SUNY Broome's Engineering Technologies Department includes:
 - Civil Engineering Technology A.A.S: Graduates are involved in all phases of the construction industry, from the planning and design of buildings, bridges, highways, commercial and industrial facilities to management and inspection of the construction process. Learn more: <http://www1.sunybroome.edu/programs/cet/>
 - Electrical Engineering Technology A.A.S: students learn about the Internet, robotics, satellite systems and computer networks. Graduate will be prepared to be the "intermediary" between the designer and the skilled craftsman and will translate problems into solutions by building equipment using their knowledge. Learn more: <http://www1.sunybroome.edu/programs/eet/>.
 - Mechanical Engineering Technology A.A.S: designed to prepare students in the applied aspects of engineering. Recent graduates have been employed in areas such as process development, product design, quality control, reliability analysis, heat-power, technical sales, purchasing or product development. Learn more: <http://www1.sunybroome.edu/programs/met/>



Explore more careers in the region:

- <https://greaterbinghamton.yourfuturenewyork.com/local-jobs-outlook/>
- <https://www.broomeisgood.com/work/>
- <http://www.broometiogaworks.com/>

Attend more SPARK: Industry Deep Dive programs:

- All programs are 9:30-10:30 AM
- **Dentistry:** April 20
- **Information Technology:** May 11
- **Manufacturing:** June 10
- Information at www.sparkgreaterbinghamton.com

