

SPARK

INDUSTRY DEEP DIVE: Manufacturing

SUNY Broome:

- **Manufacturing Technology: A.A.S.** (<http://www1.sunybroome.edu/programs/mft/>)
 - Program emphasizes the application of scientific and engineering knowledge combined with practical technical skills and methods in support of advanced manufacturing and includes a capstone project. In addition, the program allows students to train in the highly technical specialty of Computer Aided Manufacturing (CAM) using state-of-the-art equipment.
 - SUNY Broome's Manufacturing Technology program prepares students for immediate employment in a variety of areas such as:
 - Manufacturing processes
 - Metrology
 - Principles of continuous improvement
 - CNC
 - Statistical quality control.



Broome Tioga BOCES (<https://www.btboces.org/CareerTechnicalEducation.aspx>)

- **Manufacturing I & II Advanced Placement Courses**
 - Work side-by-side with manufacturing professionals, observing, and participating in authentic experiences.
 - Participate in all phases of the production process, from inception to shipping.
 - Learn quality and inventory control, materials handling and storage, sales forecasting, and purchasing.
 - Students who successfully complete this program are prepared for the workforce. Here are a few examples of jobs awaiting successful students:
 - Machinist
 - Quality control inspector
 - Inventory specialist
 - Systems engineer
 - Manufacturing engineer
 - Semiconductor processor



Explore more careers in the region:

- <https://www.broomeisgood.com/work/>
- <http://www.broometiogaworks.com/>

View recordings and more information for past Spark panels at: www.sparkgreaterbinghamton.com

