SEMICONDUCTOR MANUFACTURING TECHNOLOGY - BASIC TECHNICAL CERTIFICATE (BTC)

Explore More About This Program: https://cwi.edu/program/semiconductor-manufacturing-technology

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Work with computer applications including Word documents, spreadsheets, presentations, custom applications, internet, email, and basic computer security.
- Use the concepts of applied math including measurement, conversion, algebra/functions, basic statistics, and statistical process control (SPC).
- Understand the fundamentals of the semiconductor manufacturing process.
- Demonstrate cognitive problem-solving ability necessary for technicians working in the semiconductor manufacturing industry.
- Understand and follow all safety protocols found in a semiconductor manufacturing environment.
- Communicate technically through writing, reading, listening, and speaking to express critical and analytical ideas.
- Recognize the social and ethical responsibilities of a professional working in semiconductor manufacturing.
- Understand and demonstrate the technology used to complete the manufacture of microelectronic circuits.