



## ENGINEERING TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE PROGRAM DESCRIPTION

The Engineering Technology (ET) Associate in Science (A.S.) degree program at Seminole State College (SSC), prepares students for employment or provides additional training for persons employed in manufacturing and high technology industries. The 18 credit hour technical core of this degree is closely aligned with the national Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) industry certification, and endorsed by the National Association of Manufacturers (NAM). Students who have already earned the MSSC-CPT will receive 15 articulated credit hours towards the Engineering Technology degree. The Engineering Technology Associate in Science degree program is fully transferable to four year degree granting institutions.

### ENGINEERING TECHNOLOGY A.S. (60 Credits)

**SSC ET DEGREE SPECIALIZATIONS:** Advanced Manufacturing, Mechatronics

#### **ET TECHNICAL CORE (18 credits)**

The ET core provides technical fundamentals for the ten specializations tracks of the ET Degree that supports many manufacturing and high technology industry sectors.

The ET technical core includes: CAD, Electronics, Measurement, Manufacturing Processes, Quality and Safety.

### COLLEGE CREDIT CERTIFICATES

#### **ENGINEERING TECHNOLOGY SUPPORT SPECIALIST (18 credits)**

This certificate prepare students for entry-level employment with an occupational title such as Engineering Support Specialist or Engineering Specialist to support engineering design, manufacturing processes and production, test and/or maintain product quality, or to provide supplemental training for persons previously or currently employed in these occupational areas.

### BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY (128 Credits)

#### **SSC BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY SPECIALIZATIONS**

Civil, Site & Surveying; Production & Design; Engineering & Project Management; Mechatronics & Robotics; and Sustainable Engineering. The Bachelors of Science in Engineering Technology prepares graduates for technical positions in the expanding fields of industrial operations, mechanical design, and construction design. The program has a strong commitment to maintain standards of excellence in content and to continuously upgrade curriculum to meet industry needs. The Bachelors of Science in Engineering Technology uses a 2 + 2 model requiring the completion of an A.A. or Bachelor's degree from a regionally accredited institution or completion of selected A.S. degrees in related areas from any regionally accredited Florida Institution for entry into the program.

