



ENGINEERING TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE PROGRAM DESCRIPTION

The Engineering Technology (ET) Associate in Science (A.S.) degree program at Daytona State College (DSC), 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)

DSC ET DEGREE SPECIALIZATIONS: Digital Design & Modeling, Electronics.

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

ELECTRONICS AIDE (12 Credits)

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster.

ENGINEERING TECHNOLOGY SUPPORT SPECIALIST (21 credits)

This certificate prepares students for specialized areas supporting engineering design, manufacturing processes and production, testing, and/or maintaining product quality.

COMPUTER-AIDED DESIGN & DRAFTING (24 credits)

This certificate provides a program of study with courses in CAD and solid modeling needed to assist the engineering activities of industry and consultants in planning, designing, and detailing. Rapid Prototyping is utilized throughout the solid modeling courses.

BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY (68 Credits)

DSC BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY SPECILAIZATIONS; BSET, Electrical Engineering Technology

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.S. Degree for entry into the program.

