

HIRE A GRADUATE!

A.S. Engineering Technology Degree

Description:

The Engineering Technology (ET) Associate of Science (AS) Degree has 6 core technical courses (18 C.H.) which aligns with the Manufacturing Skills Standards Council (MSSC) Certified Production Technician (CPT) credentials. 9-10 courses build on the skills and knowledge in the technical core. The remaining 15-18 C.H. are required general education courses.

This program (degrees and certificates) prepares students to work in manufacturing and other related sectors as technicians that typically set up, program, operate, maintain and troubleshoot automated equipment and systems.

Program of Study:

General Education - 15 C.H.

Humanities
Social Science
Natural Science

English Composition I
College Algebra

Engineering Technology Core - 18 C.H.

Computer-Aided Drafting for Engineers
Mechanical Measurement & Instrumentation
Quality

Electricity and Electronics
Industrial Safety
Manufacturing Processes & Materials

Advanced Manufacturing Specialization - 27 C.H.

Required - 15 C.H. ; Electives - 11 C.H.

Programmable Logic Controllers
Motors and Controls
Lean and Six Sigma

Hydraulic & Pnuematic Systems
Electromechanical Components
Technical Electives

Available College Credit Certificates:

Engineering Technology Support Specialist - 18 C.H.
Automation - 12 C.H.
Lean Manufacturing - 12 C.H.

Mechatronics - 30 C.H.
Fluid Systems - 12 C.H.



Shirley Dobbins - ET Instructor - 813-253-7852 - sdobbins@hccfl.edu