

CERTIFICATE IN ENGINEERING TECHNOLOGIES

(26 hrs min.)

CIP: 15:0303

This program of study focuses on providing foundational technical skills suitable for entry-level work placement in common fields of engineering technology. Specifically, it is focused toward providing both dual-enrolled high school students and adult learners looking to rapidly change professions with opportunities to utilize classroom learning and on-the-job internship opportunities to achieve knowledge and skills, jobs and possible articulations into higher degree programs.

CORE REQUIREMENTS: (16 HRS.)

DRFT 111	Technical Drawing with CAD (3)
ELEC 111	Electronics Fundamentals I (4)
ENGR 111	Introduction to Engineering (3)
ENGR 121	Engineering Graphics (3)
ENGR 122	Engineering Methods (3)

RELATED REQUIREMENTS: (4 HRS.)

MATH 150	Pre-Calculus (4)
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MANUFACTURING ENGINEERING TECHNOLOGY
CONCENTRATION (6 HRS.)

ENGR 117	Computer Integrated Manufacturing I (3)
ENGR 127	Computer Integrated Manufacturing II (3)

ELECTRONICS TECHNOLOGY CONCENTRATION (7 HRS.)

ELEC 112L	Digital Circuits (3)
ELEC 121	Electronic Fundamentals II (4)

Note: HUDV 115 College Success or STEM 111 Introduction to Science, Technology, Engineering and Mathematics is also required for most degree- or certificate-seeking students. See "College Success Course Requirement" on Page 8.

** 12 hours may be earned through dual-enrollment **

TOTAL 26 CREDITS MIN.