

Engineering Design Technology Certificate

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Note: All computer aided design courses will utilize either AutoCad, Inventory, Revit or Solid Works Software. See course description.

NOTICE(s): For the certificate in Engineering Design Technology, the student must complete at least 46 credit hours—at least 40 in technical courses and at least 6 in general education courses—all of which must be approved by the advisor. Technical courses, which may vary to meet student needs and to provide options, must be selected from those listed above. Admission Requirement: High school diploma or GED.

The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

This program is offered at the Ayers Campus only.

Program: Engineering Design Technology
Type: Certificate

Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3
	Sub-Total Credits	3

Natural Sciences and Mathematics

Item #	Title	Credits
	MTH 100: Intermediate College Algebra OR numerically higher	3
	Sub-Total Credits	3

Technical Courses - Required

Item #	Title	Credits
DDT 104	Basic Computer Aided Drafting and Design	3
DDT 111	Fundamentals of Drafting and Design Technology	3
DDT 115	Blueprint Reading for Machinists	3
DDT 116	Blueprint Reading for Construction	3
DDT 124	Basic Technical Drawing	3
DDT 127	Intermediate Computer Aided Drafting and Design	3
DDT 128	Intermediate Technical Drawing	3
DDT 220	Advanced Technical Drawing	3
DDT 233	Intermediate 3D Modeling	3
EET 100	Introduction to Engineering Technologies	3
INT 104	Principles of Technology	3
ORI 101	Orientation to College	1
	Sub-Total Credits	34

Additional Coursework:

Choose 6 credit hours from the following list:

Item #	Title	Credits
CIS 146	Microcomputer Applications	3
DDT 286	Co-Op	1
DDT 288	Co-Op	2
DDT 291	Co-Op	3
	DDT Electives	6
SPH 106	Fundamentals of Oral Communication	3
	Sub-Total Credits	18
	Total credits:	46