



Engineering Design Technology A.A.S.

(FORMERLY KNOWN AS DRAFTING & DESIGN TECHNOLOGY)

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		STUDENT PROGRESS	
		<u>Grade</u>	<u>Term Completed</u>
Area I—Written Composition:	3		
• ENG 101 - English Composition I	3	_____	_____
Area II—Humanities and Fine Arts:	3		
• Humanities/Fine Arts*	3	_____	_____
Area III — Natural Science or Mathematics:	6		
• INT 104 - Principles of Technology	3	_____	_____
• MTH 100 - Intermediate College Algebra OR numerically higher.....	3	_____	_____
Area IV—History, Social and Behavioral Sciences:	3		
• Economics, Geography, History, Political Science, Psychology, or Sociology	3	_____	_____
Area V—Technical Courses:	31		
Courses listed below are required.			
• 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	_____	_____
• ORI 101 - Orientation to College.....	1	_____	_____
Additional Coursework:	27		
• CIS 146 - Microcomputer Applications.....	3	_____	_____
• DDT 114 - Industrial Blueprint Reading	3	_____	_____
• DDT 117 - Manufacturing Processes	3	_____	_____
• DDT 131 - Machine Drafting Basics.....	3	_____	_____
• DDT 132 - Architectural Drafting.....	3	_____	_____
• DDT 133 - Basic Surveying.....	3	_____	_____
• DDT 182 - Special Topics in Drafting and Design Technology ..	3	_____	_____
• DDT 211 - Intermediate Machine Drafting	3	_____	_____
• DDT 212 - Intermediate Architectural Drafting	3	_____	_____
• DDT 226 - Technical Illustration.....	3	_____	_____
• DDT 231 – Advanced CAD	3	_____	_____
• DDT 235 - Specialized CAD	3	_____	_____
• DDT 237 - Current Topics in CAD	3	_____	_____



- DDT 244 – Advanced 3D Modeling 3 _____ _____
- DDT 286 - Co-Op..... 1 _____ _____
- DDT 288 - Co-Op..... 2 _____ _____
- DDT 291 - Co-Op..... 3 _____ _____
- SPH 106 - Fundamentals of Oral Communication 3 _____ _____

Total Hours Required for Degree:..... 73

For the A.A.S. Degree in Engineering Design Technology, the student must complete a minimum of 73 credit hours—a minimum of 58 in technical courses and a minimum of 15 in general education courses—all of which must be approved by the advisor. A maximum of 9 credit hours of technical electives may be selected from any approved area of Engineering Technology programs with prior written approval from the student’s major advisor. Technical courses may vary to meet student needs and to provide options. 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.

***Note:** Humanities and Fine Arts disciplines include but are not limited to the following: Literature, Ethnic Studies, Art and Art History, Foreign Language Literature, Music and Music History, Philosophy, Ethics, Religious Studies, Theater, and Dance.