

## Sample DDT Stackable Certificate-Degree/Credential Program

### Drafting & Design Technology Program

The Drafting Design Technology program is focused on preparing students for entry-level employment as computer aided drafting technicians. Graduates are able to perform tasks such as basic mechanical detailing, creation of solid models and application of standard dimensioning practices. The DDT program offers students the opportunity to acquire national level certification by the American Design Drafting Association (ADDA). The curriculum of the program is geared to meet the specific educational needs of businesses and industries within the local area.

#### Program Requirements

	Course #	Course Name	Sem. Hours
Semester 1	DDT 111	Fundamentals of Drafting and Design Technology	3
	DDT 104	Basic Computer Aided Drafting and Design	3
	DDT 113	Blueprint Reading	3
	MTH 100	MTH 100 or numerically higher	3
<b>Eligible for Short Term Certificate (STC) – General DDT</b>			
Semester 2	DDT 124	Basic Technical Drawing	3
	DDT 127	Intermediate Computer Aided Drafting and Design	3
	DDT 117	Manufacturing Processes	3
	CIS 146	Microcomputer Applications	3
	ENG 101	English Composition I	3
	<b>Eligible for Short Term Certificate (STC) – General DDT</b>		
Semester 3	DDT 144	Basic 3D Modeling	3
	INT 119	Principles of Mechanical Measurement and Technical Drawing	3
	Area II	Humanities & Fine Arts Elective	3
	Area III	Math, Science or Computer Science elective	3
	DDT 225* or Area IV	Structural Steel Drafting (structural emphasis) Social and Behavioral Science elective	3
	<b>Eligible for Short Term Certificate (STC) – 3D Modeling and/or Structural</b>		
Semester 4	DDT 128	Intermediate Technical Drawing	3
	DDT 233	Intermediate 3D Modeling	3
	SPH 107	Fundamentals of Public Speaking	3
	DDT 220* or Area IV	Advanced Technical Drawing (general) Social and Behavioral Science elective	3
	WKO 106	Workplace Essentials <i>(Alabama Career Readiness Certificate) (OSHA 10 Hour Card)</i>	3
	<b>Eligible for Certificate (CER) – General DDT and 3D Modeling</b>		
<b>Eligible to test - ADDA Professional Certification – Certified Drafter (Mechanical)</b>			
Semester 5	DDT 193	Drafting Internship	3
	DDT 236	Design Project	3
	DDT 231	Advanced CAD	3
	DDT 260	Portfolio	3
	<b>Eligible for Certificate (CER) – Structural</b>		
<b>Eligible for AAS in Drafting and Design Technology</b>			
Total Hours Required for AAS Degree in DDT			69

\*DDT 225 is an acceptable substitute for DDT 220