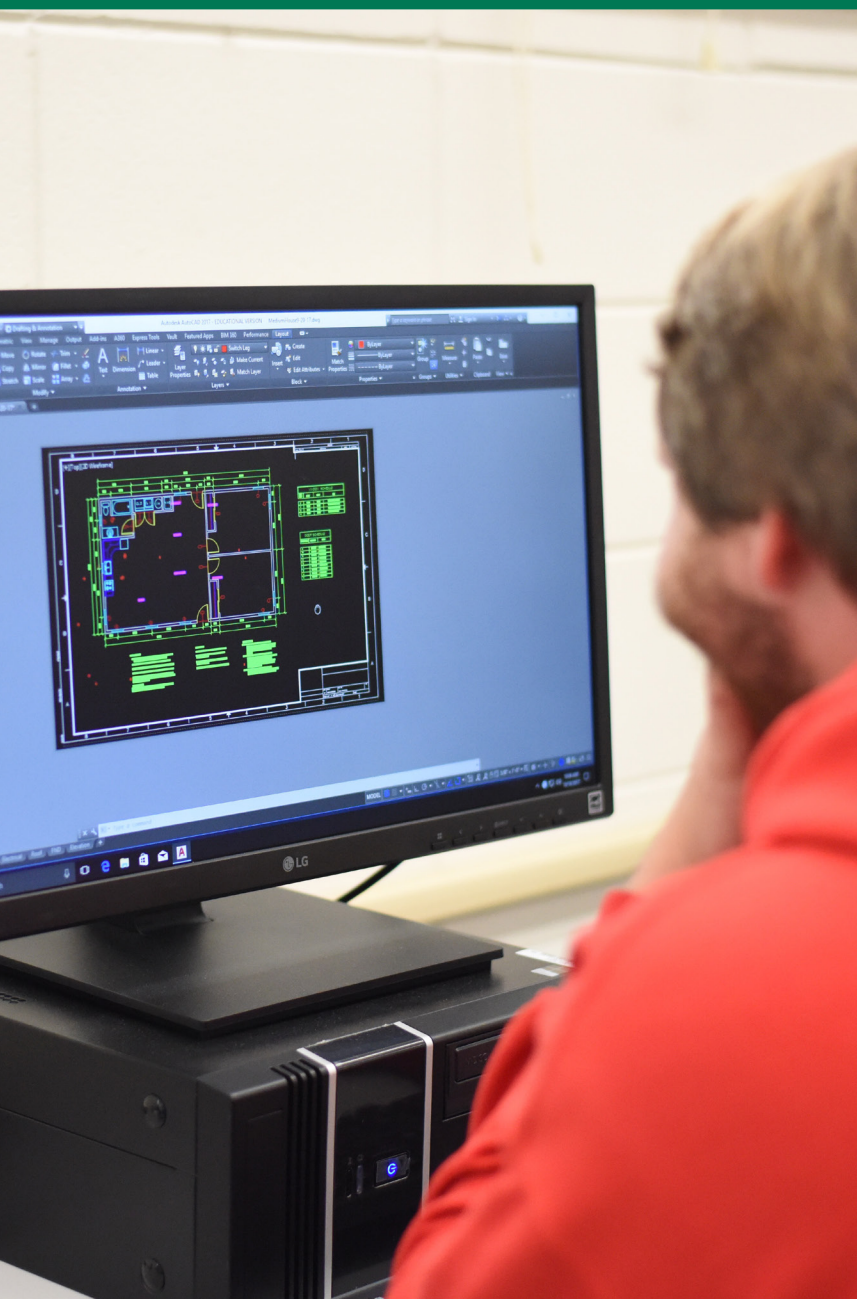


3D CAD Engineering Technology



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Division of Industrial Technology

MERIDIAN
COMMUNITY COLLEGE

Admission Requirements

Progression: To meet graduation requirements for this program, students must successfully complete the specified courses listed below with a "C" average (GPA of 2.00) or better. A grade of "C" or higher is required in each DDT course to progress in the program.

Minimum admission requirements (in addition to general admission requirements):

Attain a 17 composite score on the ACT;

Or

Score a 70 or higher on the ACCUPLACER Reading Section and a 63 or above on the Algebra Section;

Or

Earn a "C" or above in Intermediate English and Reading (ENG 0124) and demonstrate competency for Intermediate Algebra (MAT 1233);

Or

Complete 15 semester hours with a "C" average or above from an accredited college or university and demonstrate competency for Intermediate Algebra (MAT 1233). Developmental coursework does not satisfy this requirement.

Students in the 3D CAD Engineering Technology Program must attend MCC full-time (12 or more semester credit hours).

Course of Study

FIRST YEAR		
First Semester		Hours
DDT 1163	Engineering Graphics	3
	Technical Elective	3
DDT 1313	Computer Aided Design I	3
DDT 1911	3D CAD Engineering Seminar I	1
ENG 1113	English Composition I	3
MAT 1313	College Algebra*	3
Semester Hours		16
Second Semester		Hours
DDT 1173	Mechanical Design I	3
DDT 1323	Computer Aided Design II	3
	Approved Technical Elective**	
	Or CSC 1123	3
DDT 1213	Construction Standards & Materials	3
DDT 1921	3D CAD Engineering Seminar II	1
SPT 1113	Public Speaking	3
Semester Hours		16
SECOND YEAR		
First Semester		Hours
DDT 1613	Architectural Design I	3
DDT 1413	Elementary Surveying	3
DDT 2373	3D Modeling	3
DDT 2913	Special Projects	3
DDT 1931	3D CAD Engineering Seminar III	1
	Humanities/Fine Arts Elective	3
Semester Hours		16
Second Semester		Hours
DDT 2213	Structural Detailing I	3
DDT 2153	Civil Planning and Design	3
	Technical Elective	3
	Technical Elective	3
DDT 1941	3D CAD Engineering Seminar IV	1
	Behavioral/Social Science Elective	3
Semester Hours		16
Total Semester Hours		64

Course of Study

Technical & Career Certificate

FIRST YEAR		
First Semester		Hours
DDT 1163	Engineering Graphics	3
	Technical Elective	3
DDT 1313	Computer Aided Design I	3
DDT 1911	3D CAD Engineering Seminar I	1
Semester Hours		10

Second Semester		Hours
DDT 1173	Mechanical Design I	3
DDT 1323	Computer Aided Design II	3
	Approved Technical Elective**	
	Or CSC 1123	3
DDT 1213	Construction Standards & Materials	3
DDT 1921	3D CAD Engineering Seminar II	1
Semester Hours		13

SECOND YEAR		
First Semester		Hours
DDT 1613	Architectural Design I	3
DDT 1413	Elementary Surveying	3
DDT 2913	Special Projects	3
DDT 1931	3D CAD Engineering Seminar III	1
Semester Hours		10

Career Certificate Exit Point		
Semester Hours		33
DDT 2373	3D Modeling	3

Second Semester		Hours
DDT 2213	Structural Detailing I	3
DDT 2153	Civil Planning and Design	3
	Technical Elective	3
	Technical Elective	3
DDT 1941	3D CAD Engineering Seminar IV	1
Semester Hours		13
Semester Hours		13
Technical Certificate Semester Hours		49

*Students who lack entry-level skills in math should take MAT 1233 (Intermediate Algebra) before taking College Algebra.

**Approved mathematics, science, or technology course. Electives must be approved by the program coordinator.

Technical Electives: DDT 1183 Technical Math, DDT 2383 Fundamentals of CAD/CAM, DDT 2823 Revit Architectural 3D Modeling, DDT 1123 Computational Methods for Drafting, DDT 2253 Statics and Strength, DDT 2623 Architectural Design II.