

Academic Program Map

Isothermal Community College

Program: Computer-Aided Drafting Technology

Career Cluster(s): Science

Fall 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	ACA 122	College Transfer Success	1
1st 8 Weeks	MAT 110	Mathematical Measurement and Literacy	3
1st 8 Weeks	DFT 111	Technical Drafting I	2
1st 8 Weeks	DFT 111A	Technical Drafting I Lab	1
2nd 8 Weeks	DFT 151	CAD I	3
2nd 8 Weeks	BPR 111	Print Reading	2
2nd 8 Weeks	EGR 125	Applications Software for Tech	2

Semester Total: 14 Credits

Spring 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	ENG 111	Writing and Inquiry	3
1st 8 Weeks	DFT 112	Technical Drafting II	2
1st 8 Weeks	DFT 112A	Technical Drafting II Lab	1
2nd 8 Weeks	DFT 152	CAD II	3
2nd 8 Weeks	DFT 170	Engineering Graphics	3
2nd 8 Weeks	ARC 114	Architectural CAD	2

Semester Total: 14 Credits

Summer 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	DFT 154	Introduction to Solid Modeling	3
2nd 8 Weeks	CIV 240	Project Management	3

Semester Total: 6 Credits

Fall 2

Term	Course ID	Course Name	Credits
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Term	Course ID	Course Name	Credits
1st 8 Weeks	COM 231	Public Speaking	3
1st 8 Weeks	MEC 161	Manufacturing Processes I	3
2nd 8 Weeks	ART 111	Art Appreciation	3
2nd 8 Weeks	DFT 153	CAD III	3
16 Weeks	ARC 111	Introduction to Architectural Technology	3

Semester Total: 15 Credits

Spring 2

Term	Course ID	Course Name	Credits
1st 8 Weeks	HIS 111	World Civilizations I	3
1st 8 Weeks	ARC 112	Construction Materials & Methods	4
1st 8 Weeks	MEC 231	Computer-Aided Manufacturing I	3
2nd 8 Weeks	BPR 130	Print Reading-Construction	3
2nd 8 Weeks	DFT 254	Intermediate Solid Modeling & Rendering	3

Semester Total: 16 Credits