

Sample Academic Plan: Advanced Manufacturing- Drafting Mechanical Civil Certificate

Catalog: 22-23

GE Pattern: N/A

Part Time/Full Time, Total Units: 23-26.5

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (10.5 units)

Course Number	Course Title	Units	Area
ADVM 0001	Technical Drafting I	3 units	Major
ADVM 0062	Intro to Computer Aided Design Manufacturing	2.5 units	Major
ADVM 0063	Design and 2-D Manufacturing of 3-D Objects	2 units	Major
ADVM 0066	CNC Machining Level 1	3 units	Major

Semester 2 (12.5-16 units)

Course Number	Course Title	Units	Area
ADVM 0002	Technical Drafting II	3 units	Major
ADVM 0011	Three-Dimensional Modeling	3 units	Major
ADVM 0012	Geometric Dimensioning and Tolerancing	3 units	Major
ADVM 0067	CNC Machining Level 2	3 units	Major
ADVM 0095	Internship in Advanced Manufacturing	.5-4 units	Major