MECHANICAL DRAFTING AND SOLID MODELING -ASSOCIATE OF APPLIED SCIENCE

(60 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must earn a final grade of C- or better in all required DRFT courses/Technical Requirements/Electives and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Semester 1		Credits
Area I: Communications - English Composition Level 1		
ENGL 1110G	Composition I	
DRFT 109	Computer Drafting Fundamentals	3
MAT 102	Print Reading for Industry	3
MAT 105	Introduction to Manufacturing	3
	Credits	13
Semester 2		
Area II: Mathematics		3
MATH 1220G	College Algebra	
General Education - Ch Areas IV, V, or VI in the	noose one course from NM General Education NMSU/DACC Catalog.	3
DRFT 114	Introduction to Solid Modeling	3
DRFT 124	Introduction to Geometric Dimensioning and Tolerancing	3
DRFT 164	Intermediate Mechanical Drafting/Solid Modeling	3
	3	
	Credits	15
Semester 3	Credits	15
Semester 3 SUMMER	Credits	15
SUMMER	Credits ctive - Area I: Communications - Oral	15
SUMMER General Education Elec		
SUMMER General Education Electrons COMM 1115G	ctive - Area I: Communications - Oral	
SUMMER General Education Electrons COMM 1115G	ctive - Area I: Communications - Oral Introduction to Communication	3
SUMMER General Education Electrons COMM 1115G	ctive - Area I: Communications - Oral Introduction to Communication tive (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)	3
SUMMER General Education Elec Communications COMM 1115G Advisor Approved Elec	ctive - Area I: Communications - Oral Introduction to Communication tive (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)	3
SUMMER General Education Elec Communications COMM 1115G Advisor Approved Elec Semester 4	ctive - Area I: Communications - Oral Introduction to Communication tive (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)	3 6
SUMMER General Education Elec Communications COMM 1115G Advisor Approved Elec Semester 4 Area II: Mathematics	Introduction to Communication tive (AERT, DRFT, ENGR, E T, MAT, M E, or WELD) Credits	3 6

Advisor-Approved Elective (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)		
	Credits	13
Semester 5		
Area III: Laboratory Sciences		4
	Algebra-Based Physics I and Algebra-Based Physics I Lab	
DRFT 288	Portfolio Development	3
Advisor-Approved Elective (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)		3
Advisor-Approved Elective (AERT, DRFT, ENGR, E T, MAT, M E, or WELD)		3
	Credits	13
	Total Credits	60