

MECHANICAL DRAFTING AND SOLID MODELING - CERTIFICATE OF COMPLETION

Doña Ana Community College [2026-2027](#) Catalog

(18 credits)

NOTE: Students must earn a final grade of C- or better in all required DRFT courses/Technical Requirements 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 certificate requirements to total at least 18 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.

Prefix	Title	Credits
Technical Requirements		
DRFT 109	Computer Drafting Fundamentals	3
DRFT 114	Introduction to Solid Modeling	3
DRFT 164	Intermediate Mechanical Drafting/Solid Modeling	3
DRFT 214	Advanced Plans and Sheet Sets from 3D Models	3
MAT 102	Print Reading for Industry	3
	or Advisor Approved Elective (AERT, DRFT, ENGR, E T, MAT, or WELD)	
MAT 105	Introduction to Manufacturing	3
	or Advisor Approved Elective (AERT, DRFT, ENGR, E T, MAT, or WELD)	
Total Credits		18

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Semester 1		Credits
MAT 105	Introduction to Manufacturing (OR Advisor-Approved Elective AERT, DRFT, ENGR, E T, MAT, or WELD)	3
DRFT 109	Computer Drafting Fundamentals	3
Credits		6
Semester 2		Credits
DRFT 114	Introduction to Solid Modeling	3
MAT 102	Print Reading for Industry (OR Advisor-Approved Elective AERT, DRFT, ENGR, E T, MAT, or WELD)	3
Credits		6

Semester 3		
DRFT 164	Intermediate Mechanical Drafting/Solid Modeling	3
DRFT 214	Advanced Plans and Sheet Sets from 3D Models	3
Credits		6
Total Credits		18