

AEROSPACE TECHNOLOGY - CERTIFICATE OF COMPLETION

Doña Ana Community College 2024-2025 Catalog (30 credits)

NOTE: Students must earn a final grade of C- or better in all 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 30 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 ¹		
ELT 110	Electronics I	4
MAT 105	Introduction to Manufacturing	3
MAT 102	Print Reading for Industry	3
MAT 110	Machine Operation and Safety	3
AERT 121	Introduction to the Aerospace Workplace	4
or AERT 105	Aerospace Engineering PLTW	
AERT 213	Aerospace Fluid Systems	3
AERT 214	Aerospace Systems	3
AERT 221	Inspection Requirements and Planning Metrology	3
AERT 224	Aerospace Tests and Measurements	3
Choose one from the following:		1
AERT 225	Cooperative Experience	
AERT 255	Special Topics	
OECS 101	Computer Basics	
OETS 102	Career Readiness Certification Preparation	
Total Credits		30

¹ A final grade of C- or better is required in all 100-level technical courses to progress to 200-level technical courses.

(30 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 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 30 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
AERT 121	Introduction to the Aerospace Workplace	4
ELT 110	Electronics I	4
MAT 105	Introduction to Manufacturing	3
Credits		11
Semester 2		
AERT 221	Inspection Requirements and Planning Metrology	3
AERT 224	Aerospace Tests and Measurements	3
MAT 102	Print Reading for Industry	3
MAT 110	Machine Operation and Safety	3
Choose one from the following:		1
AERT 225	Cooperative Experience	
AERT 255	Special Topics	
OECS 101	Computer Basics	
OETS 102	Career Readiness Certification Preparation	
Credits		13
Semester 3		
AERT 213	Aerospace Fluid Systems	3
AERT 214	Aerospace Systems	3
Credits		6
Total Credits		30