

# BASIC MANUFACTURING AND BRIDGE - 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 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
<b>Technical Requirements</b>		
ELT 105	Basic Electricity and Electronics	3
MAT 102	Print Reading for Industry	3
MAT 105	Introduction to Manufacturing	3
MAT 106	Applied 3D Manufacturing Practices	3
DRFT 114	Introduction to Solid Modeling	3
MAT 110	Machine Operation and Safety	3
<b>Total Credits</b>		<b>18</b>

## (18 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.

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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.

<b>Semester 1</b>		<b>Credits</b>
ELT 105	Basic Electricity and Electronics	3
MAT 105	Introduction to Manufacturing	3
MAT 106	Applied 3D Manufacturing Practices	3
<b>Credits</b>		<b>9</b>
<b>Semester 2</b>		
MAT 102	Print Reading for Industry	3
DRFT 114	Introduction to Solid Modeling	3
MAT 110	Machine Operation and Safety	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>18</b>