AUTOMATION AND MANUFACTURING - CERTIFICATE OF COMPLETION

Doña Ana Community College 2026-2027 Catalog

(31 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, which include: General Education requirements and elective credits to total at least 31 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		
ELT 110	Electronics I	4
MATH 1250G	Trigonometry & Pre-Calculus [1, 2]	4
or ELT 120	Mathematics for Electronics	
ELT 135	Electronics II	4
ELT 160	Digital Electronics I	4
MAT 102	Print Reading for Industry	3
MAT 105	Introduction to Manufacturing	3
MAT 110	Machine Operation and Safety	3
MAT 265	Special Topics	6
or Advisor Approved Electives (DRFT or ELT or MAT)		
Total Credits		**31**

1 Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus. Students planning to continue their studies at NMSU should choose these courses whenever possible.

2 While ELT 120 meets program requirements, it does not meet the NM General Education Area II: Mathematics requirements.