AUTOMATION AND MANUFACTURING - CERTIFICATE OF COMPLETION

(31 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 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 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.

Semester 1		**Credits**
MATH 1250G or ELT 120	Trigonometry & Pre-Calculus [1] or Mathematics for Electronics	4
ELT 110	Electronics I	4
MAT 105	Introduction to Manufacturing	3
	Credits	**11**
Semester 2		
ELT 135	Electronics II	4
MAT 102	Print Reading for Industry	3
	Credits	**7**
Semester 3		
ELT 160	Digital Electronics I	4
MAT 110	Machine Operation and Safety	3
MAT 265	Special Topics	3
or Advisor Approved Electives (DRFT or ELT or MAT)		
	Credits	**10**
Semester 4		
MAT 265	Special Topics	3
or Advisor Approved Electives (DRFT or ELT or MAT)		
	Credits	**3**
	Total Credits	**31**

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