

MANUFACTURING TECHNOLOGY MANUFACTURING PROCESSES - ASSOCIATE OF APPLIED SCIENCE

Students must complete all College degree requirements, which include: General Education requirements and elective credits to total at least 61-64 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.

Code	Title	Hours
General Education		
Course required from Area I, II, III, IV, V, and VI. ¹		19-21
Area I: Communications		
ENGL 1110G	Composition I (Technical Requirement) ²	
Area II: Mathematics		
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VII: Flexible 3 (General Education Elective)		
Area VI: Creative and Fine Arts		
Technical Requirements		
BUSA 1110 or ACCT 2120	Introduction to Business or Principles of Accounting II (Managerial)	3
ENGL 2210G	Professional & Technical Communication	3
E T 120	Computation Software	2
E T 183	Applied DC Circuits	3
E T 183L	Applied DC Circuits Lab	1
E T 184	Applied AC Circuits	3
E T 200	Special Topics	3
E T 217	Manufacturing Processes	3
E T 217L	Manufacturing Processes Lab	1
Electives		20
Electives: E T Courses		
Total Hours		61-63

¹ See the General Education section of the catalog for a full list of courses.

² Course is a Technical Requirement and must be completed regardless of transfer credit accepted.

A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

Course	Title	Hours
First Year		
Fall		
Electives: E T Courses		3
E T 120	Computation Software	2
E T 183 & 183L	Applied DC Circuits and Applied DC Circuits Lab	4
ENGL 1110G	Composition I (Area I: Communications)	4
Hours		13
Spring		
Electives: E T Courses		4
E T 184	Applied AC Circuits	3
PSYC 1110G or SOCI 1110G	Introduction to Psychology (Area IV: Social/Behavioral Sciences) or Introduction to Sociology	3
Courses required from Area II, V, or VI		3
Hours		13
Summer		
ENGL 2210G	Professional & Technical Communication (Area VII: Flexible 3 (General Education Elective))	3
Hours		3
Second Year		
Fall		
Electives: E T Courses		3
Electives: E T Courses		2
E T 200	Special Topics	3
E T 217 & 217L	Manufacturing Processes and Manufacturing Processes Lab	4
Electives: E T Courses		3
Hours		15
Spring		
Electives: E T Courses		2
Electives: E T Courses		4
Electives: E T Courses		4
BUSA 1110 or ACCT 2120	Introduction to Business or Principles of Accounting II (Managerial)	3
Area III: Laboratory Science ^{1,2}		3-4
Hours		16-17
Total Hours		60-61

¹ Each course selected must be from a different area and students cannot take multiple courses in the same area.

² See the General Education section of the catalog for a full list of courses.