

MANUFACTURING TECHNOLOGY ELECTRONICS ASSEMBLY - ASSOCIATE OF APPLIED SCIENCE

Students must complete all College degree requirements, which include: General Education requirements and elective credits to total at least 60-63 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)	
Area II: Mathematics		
Area III: Laboratory Science		
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VI: Creative and Fine Arts		
Technical Requirements		
BUSA 1110	Introduction to Business	3
or ACCT 2120	Principles of Accounting II (Managerial)	
ENGL 2210G	Professional & Technical Communication	3
E T 120	Computation Software	2
E T 182	Digital Logic	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 246	Electronic Devices I	4
E T 272	Electronic Devices II	4
E T 282	Digital Electronics	4
Electives		
Electives: E T Courses		
Total Hours		60-62

1

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

2

Courses is a Technical Requirement and must be taken regardless of transfer credit awarded.

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		4
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		14
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
Electives: E T Courses		4
Hours		14
Summer		
Area III: Laboratory Science		4
Hours		4
Second Year		
Fall		
E T 246	Electronic Devices I	4
ENGL 2210G	Professional & Technical Communication (Area VII: Flexible 3 (General Education Elective))	3
E T 200	Special Topics	3
E T 182	Digital Logic	2
Hours		12
Spring		
Electives: E T Courses		3
E T 272	Electronic Devices II	4
E T 282	Digital Electronics	4
BUSA 1110 or ACCT 2120	Introduction to Business or Principles of Accounting II (Managerial)	3
Choose course from Area II, V, or VI		3
Hours		17
Total Hours		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.