

Program Sequence – FAME AMT (Advanced Manufacturing Technician)

Year 1

1st Semester - Fall

Course Prefix and Number	Course Title	Credits/ Clock Hrs.
ENC1101	Introduction to Composition	3
MAC1105	College Algebra	3
ETI1701	Industrial Safety	3
EET1011C	Introduction to Electrical Circuits and Lab	3
ETI2948	Cooperative Education in Advanced Manufacturing Technology 2	1

2nd Semester - Spring

LIT2000	Literature and Culture	3
CHM1020	Chemistry in Society	3
EET1021C	Advanced Electrical Circuits and Lab	3
CET1112C	Digital Fundamentals and Lab	4

3rd Semester - Summer

ETM1010	Mechanical Measurement and Instrumentation	3
ETI1420	Manufacturing Processes and Materials	3
ETI1110	Introduction to Quality Assurance	3
ETI2949	Cooperative Education in Advanced Manufacturing Technology 3	1

Year 2

1st Semester - Fall

POS 2041	American Federal Government	3
ETM2315C	Hydraulic and Pneumatic Power and Control and Lab	3
ETI1843C	Motors and Controls	3
ETD2364C	SolidWorks Solid Modeling and Lab	3

2nd Semester - Spring

ETS2542C	Programmable Logic Controllers	4
ETS2540C	Fundamentals of Robotics and Automation	3
CET2123C	Microcomputer and Basic Digital Communications and Lab	4
ETI2947	Cooperative Education in Advanced Manufacturing Technology 1	1

Total: 60