

# Advanced Manufacturing, A.A.S. F.A.M.E. (Federation for Advanced Manufacturing Education)

## Program Code

AAS-ADMA-ADMT

## CIP

150613

## Type

A.A.S.

The Alabama F.A.M.E. (Federation for Advanced Manufacturing Education) includes a two-year technical Associate degree that combines cutting-edge curriculum that supports advanced manufacturing technology, paid working experience, along with learning highly sought after business principles and best practices of a world-class manufacturer.

**Students who meet the acceptance criteria must submit an application and be accepted into the program.**

## General Education Core Requirements

Item #	Title	Credits
ENG 101	English Composition I	3
	MTH 103 or higher	3-4
	MTH 100 or higher	3-4
	Humanities Elective (3 credits)	3
	Social or Behavioral Science Electives	3

## Technical Core Requirements

Item #	Title	Credits
ADM 111	Manufacturing Safety Practices	3
ADM 101	Precision Measurement	3
ADM 105	Fluid Systems	3
ELT 108	DC Fundamentals	3
ELT 109	AC Fundamentals	3
ELT 117	AC/DC Machines	3
ELT 209	Motor Controls I	3
ELT 212	Motor Controls II	3
ELT 231	Introduction to Programmable Controllers	3
ELT 232	Advanced Programmable Controllers	3
INT 117	Principles of Industrial Mechanics	3
INT 127	Principles of Industrial Pumps and Piping Systems	3
ILT 139	Introduction to Robotic Programming	3
ILT 240	Sensors Technology and Applications	3
WDT 182	Special Topics	3
ADM 150-154	Technical Co-operative Education	5

