

## ASSOCIATE OF APPLIED SCIENCE ADVANCED MANUFACTURING

### Mechanical Engineering Emphasis 60 Credit Hours

#### ENGLISH COMPOSITION: 6 hours required

_____	ENG113	English Comp I* (F,S)
_____	ENG123	English Comp II* (F,S)

#### MATHEMATICS: 8 hours required

_____	MTH244	Calculus I*
_____	MTH254	Calculus II*

#### ARTS & HUMANITIES: 3 hours required

_____	ART143	Art Appreciation** (F,S)
_____	DRA203	Theatre Arts** (F,S)
_____	MUS203	Music Appreciation** (F)
_____	ENG223	World Literature I* (F)
_____	ENG233	World Literature II* (S)
_____	PHI203	Philosophy** (F,S)

#### NATURAL SCIENCES: 12 hours required

_____	CHM114	General Chemistry I* (F)
_____	CHM124	General Chemistry II* (S)
_____	PHYS2054	University Physics* (S)

#### TECHNOLOGY CORE: 8 hours required

_____	MCH145	Basic Print Reading, GDT, Precision Measuring (F)
_____	CST113	Computer Applications (F,S)
		OR
_____	MEEG2703	Computer Methods in ME(UA STEM)

\* Indicates class has a prerequisite. Consult advisor or the UARM catalog for more information about this degree.

\*\*Class may include required activities outside regular class time.

\*\*\*This class has a corequisite of College Algebra or higher. In the fall and spring, this is an 8-week class; during the summer, it is a 5-week class.

#### SOCIAL SCIENCES: 3 hours required

_____	HIS213	US History I (F,S)
_____	HIS223	US History II (F,S)
_____	PSI103	Am. National Gov (F,S)
_____	CRJ103	Intro to Criminal Justice (F,S)
_____	ECN203	Microeconomics (F)
_____	GEO103	Regional Geography (F,S)
_____	HIS233	Arkansas History (F,S)
_____	PSY203	General Psychology (F,S)
_____	PSY213	Developmental Psy. (F,S)
_____	SOC103	Intro. to Sociology (F,S)
_____	HIS143	World Civilization I (F,S)
_____	HIS153	World Civilization II (F,S)

#### ENGINEERING CORE: 11 hours required

_____	MCH105	Machine Tool I (F) <b>OR</b>
_____	MCH135	CNC Milling (F)
		<b>AND</b>
_____	MCH243	CAD I/Solid Works*
_____	GNEG1003	Intro. to Engineering***

#### Electives: 9 hours

*Electives must be approved by advisor*

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_____	_____

#### **Associate of Applied Science Disclaimer**

"The Associate of Applied Science degree is designed for employment purposes, and it should not be assumed that the degree or the courses in the degree can be transferred to another institution.

While a few institutions have recently begun to accept some courses in A.A.S. programs, the general rule is that courses in the A.A.S. degrees are not accepted in transfer toward bachelor's degrees.

Students for whom transfer is important should get assurance in writing in advance and only from the institution to which they wish to transfer."

Students may also check the **Arkansas Course Transfer System** for the transferability of classes.

