

ASSOCIATE OF APPLIED SCIENCE ADVANCED MANUFACTURING (6917)

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* (F)
_____	MTH254	Calculus II* (S)

TECHNOLOGY CORE: 3 hours required

_____	CST113	Computer Applications (F,S)
OR		
_____	MEEG2703	Computer Methods in Mechanical Engineering (thru UA STEM)

ENGINEERING CORE: 16 hours required

_____	MCH105	Machine Tool Technology I (F)
OR		
_____	MCH135	CNC Milling (F)
_____	MCH243	CAD I/Solid Works* (S)
_____	MCH145	Basic Print Reading, GDT, Precision Measuring (F)
_____	GNEG1003	Intro to Engineering (F,S) (thru UA STEM)

ELECTIVE COURSES: 9 hours required

*Approved electives vary by transfer institution and **must** be approved by advisor.*

SOCIAL SCIENCES: 3 hours required

_____	HIS213	US History to 1865 (F,S)
_____	HIS223	US History from 1865(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 Psychology (F,S)
_____	SOC103	Introduction to Sociology (F,S)
_____	HIS143	World Civilization to 1500 (F,S)
_____	HIS153	World Civilization from 1500 (F,S)

ARTS & HUMANITIES: 3 hours required

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

NATURAL SCIENCES: 12 hours required

_____	CHEM1103	University Chemistry I* (F)
_____	CHEM1101L	University Chemistry I Lab* (F)
_____	CHEM1123	University Chemistry II* (S)
_____	CHEM1121L	University Chemistry II Lab* (S)
_____	PHYS2054	University Physics*

*Indicates class has a prerequisite

For more information about this degree, contact **Jonathan Lunsford** at 479-394-7622 ext. 1364 or **Dr. Gaumani Gyanwali** at 479-394-7622 ext. 1339.

I understand

- This degree **DOES NOT** qualify for the UARK Transfer Achievement Scholarship.

<https://scholarships.uark.edu/transfer-scholarships/ar-transfer-achievement-eligibility.php>

<https://codes.findlaw.com/ar/title-6-education/ar-code-sect-6-61-231.html>

- In addition to checking the Arkansas Course Transfer System (see link below) for the transferability of classes, it is my responsibility to confirm the transferability of my classes with my transfer institution. _____

<https://adhe.edu/students-parents/transfer-info-for-students>

Effective 1/29/2016

Updated Fall 2019

Updated Fall 2021