

ASSOCIATE OF APPLIED SCIENCE ADVANCED MANUFACTURING (6917)

Mechanical Engineering Emphasis 60 Credit Hours

ENGLISH COMPOSITION: 6 hours required

_____	ENGL 10103	English Comp I (F,S)
_____	ENGL 10203	English Comp II (F,S)

MATHEMATICS: 8 hours required

_____	MATH 24005	Calculus I & Analytic Geometry* (F)
_____	MATH 25005	Calculus II* (S)

TECHNOLOGY CORE: 3 hours required

_____	CPSI 10003	Computer Applications (F,S)
-------	------------	-----------------------------

ENGINEERING CORE: 16 hours required

_____	MSTE 10545	Machine Tool Technology I (F)
		<b>OR</b>
_____	MSTE 13545	CNC Milling (F)
_____	MSTE 21545	CAD I* (S)
_____	MSTE 13545	Blueprint Reading/ Geometric Dim. (F)
_____	GNEG 10003	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

_____	HIST 21103	US History to 1877 (F,S)
_____	HIST 21203	US History from 1877 (F,S)
_____	PLSC 2003	Am. National Gov (F,S)
_____	CRJU 10203	Intro to Criminal Justice (F,S)
_____	ECON 22003	Microeconomics (F)
_____	GEOG 21003	Regional Geography (F,S)
_____	HIST 25503	Arkansas History (F,S)
_____	PSYC 11003	General Psychology (F,S)
_____	PSYC 21003	Developmental Psychology (F,S)
_____	SOCI 10103	Introduction to Sociology (F,S)
_____	HIST 11103	World Civilization to 1500 (F,S)
_____	HIST 11203	World Civilization from 1500 (F,S)

ARTS & HUMANITIES: 3 hours required

_____	ARHS 10003	Art Appreciation (F,S)
_____	THTR 10003	Theatre Arts (F,S)
_____	ENGL 21103	Music Appreciation (F,S)
_____	ENGL 21203	World Literature I* (F,S)
_____	MUSC 10003	World Literature II* (F,S)
_____	PHIL 11003	Philosophy (F,S)

NATURAL SCIENCES: 12 hours required

_____	CHEM 14103	University Chemistry I* (F)
_____	CHEM 14101	University Chemistry I Lab* (F)
_____	CHEM 14203	University Chemistry II* (S)
_____	CHEM 14201	University Chemistry II Lab* (S)
_____	PHYS 20303	University Physics I*
_____	PHYS 20301	University Physics I Lab

\*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>

Updated Fall2024 (CCN)

Updated Fall 2021

Updated Fall 2019

Effective Spring 2016