

**ASSOCIATE OF APPLIED SCIENCE ADVANCED MANUFACTURING
MACHINE TOOL (6917) 60 Credit Hours**

ENGLISH COMPOSITION: 6 hours required
 _____ ENG113 English Comp I* (F,S) **AND**
 _____ ENG123 English Comp II* (F,S)
OR
 _____ ENG133 Technical Writing* (S)

MATHEMATICS: 3 hours required
 _____ MTH203 College Algebra* (F,S)
OR
 _____ MTH113 Technical Math* (F,S)

TECHNOLOGY CORE: 8 hours required
 _____ MCH145 Basic Print Reading,
 GDT, Precision Measuring (F)
 _____ CST113 Computer Applications (F,S)

MACHINE TOOL EMPAHSIS: 25 hours required
 _____ MCH105 Machine Tool Technology I (F)
 _____ MCH215 Machine Tool Technology II (S)
 _____ MCH135 CNC Milling (F)
 _____ MCH115 CNC Turning (S)
 _____ MCH155 Metals, Alloys, Basic Metallurgy,
 Heat Treatment (S)

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)
 _____ PSI123 State & Local Government (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)

ELECTIVE COURSES: 15 hours required
Electives must be approved by advisor

Suggested Electives
 WELD1107, WELD1207, WELD1003, MCH205*, MCH243

TECHNICAL CERTIFICATE - MACHINE TOOL TECHNOLOGY (4680) 36 Credit Hours

MATHEMATICS: 3 hours required
 _____ MTH203 College Algebra* (F,S)
OR
 _____ MTH113 Technical Math* (F,S)

MACHINE TOOL EMPAHSIS: 25 hours required
 _____ MCH105 Machine Tool Technology I (F)
 _____ MCH215 Machine Tool Technology II (S)
 _____ MCH135 CNC Milling (F)
 _____ MCH115 CNC Turning (S)
 _____ MCH155 Metals, Alloys, Basic Metallurgy,
 Heat Treatment (S)

BUSINESS: 3 hours required
 _____ BUS213 Business Communications (F,S)
OR
 _____ ENG113 English Composition I* (F,S)

TECHNOLOGY CORE: 5 hours required
 _____ MCH145 Basic Print Reading,
 GDT, Precision Measuring (F)

CERTIFICATE OF PROFICIENCY - MACHINE TOOL TECHNOLOGY (1685) 10 Credit Hours

_____ MCH105 Machine Tool Technology I (F) _____ MCH145 Basic Print Reading,
 GDT, Precision Measuring (F)

* Indicates prerequisite

*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>

"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.*

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