

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 EMPHASIS: 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 I (F,S)

_____ HIS223 US History II (F,S)

_____ PS1103 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 I (F,S)

_____ HIS153 World Civilization II (F,S)

ELECTIVE COURSES: 15 hours required

Electives must be approved by advisor

Suggested Electives

WELD1107, WELD1207, WELD1003, MCH205

TECHNICAL CERTIFICATE - MACHINE SHOP (4680) 36 Credit Hours

MATHEMATICS: 3 hours required

_____ MTH203 College Algebra (F,S)

OR

_____ MTH113 Technical Math (F,S)

BUSINESS: 3 hours required

_____ BUS213 Business Communications (F,S)

OR

_____ ENG113 English Composition I (F,S)

MACHINE TOOL EMPHASIS: 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)

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)

For more information about this degree, contact the Director of Admissions at 479-394-7622 ext. 1140
or Jonathan Lunsford ext. 1364