

Student Name \_\_\_\_\_ Student ID \_\_\_\_\_ Advisor \_\_\_\_\_

2019-20

**ARKANSAS STATE UNIVERSITY-NEWPORT**  
 ASSOCIATE OF APPLIED SCIENCE GENERAL TECHNOLOGY  
 Pathway to Industrial Maintenance

**A. Possible Prerequisites:**

Course #	Course Title
ENG 0051	Writing Seminar
ENG 0053	English Fundamentals

**B. GENERAL EDUCATION CORE: (15 credit hours)**

Course #	Course Title		Hours	Semester	Grade	Transfer (Univ. / year)
ENG 1003	Composition I		_____	_____	_____	_____
ENG 1203	Workplace Essentials		_____	_____	_____	_____
MATH 1013	Mathematical Applications		_____	_____	_____	_____
MIS 1033	Introduction to Computers	OR	_____	_____	_____	_____
MIS 1443	Technical Computer Applications	OR	_____	_____	_____	_____
MIS 1503	Microcomputer Applications		_____	_____	_____	_____

**Social Science (3 credit hours)**

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**C. Major Technical Discipline (21 credit hours)**

Course #	Course Title		Hours	Semester	Grade	Transfer
ADVM 1123	Materials, Measurements, & Safety		_____	_____	_____	_____
TECH 1023	Industrial Mechanical Maintenance		_____	_____	_____	_____
TECH 1043	Principals of Industrial Hydraulics		_____	_____	_____	_____
TECH 1053	Basic Electrical Schematics & Motor Controls		_____	_____	_____	_____
TECH 1073	Mechatronics		_____	_____	_____	_____
TECH 1083	Motor Controls and PLC's		_____	_____	_____	_____
WELD 1503	Maintenance Welding		_____	_____	_____	_____

**Supporting Technical Discipline (24 credit hours)**

Course #	Course Title		Hours	Semester	Grade	Transfer
_____	_____		_____	_____	_____	_____
_____	_____		_____	_____	_____	_____
_____	_____		_____	_____	_____	_____
_____	_____		_____	_____	_____	_____
_____	_____		_____	_____	_____	_____

**Total credit hours:** \_\_\_\_\_

**Minimum Required Credit hours (60)**