

**ARKANSAS STATE UNIVERSITY-NEWPORT**  
**TECHNICAL CERTIFICATE**  
 Manufacturing Engineering Technology

**A. Possible Prerequisites:** None required

**B. General Education Core (10 credit hours)**

Course #	Course Title	Hours	Semester	Grade	Transfer (Univ. /year)
ENG 1233	Technical Composition	_____	_____	_____	_____
MATH 1013	Mathematical Applications	_____	_____	_____	_____
PHSC 1201	Physical Science Lab	_____	_____	_____	_____
PHSC 1203	Physical Science	_____	_____	_____	_____

**C. Major Technical Discipline (24 credit hours)**

Course #	Course Title	Hours	Semester	Grade	Transfer (Univ. /year)
TECH 1023	Industrial Mechanical Maintenance	_____	_____	_____	_____
TECH 1033	Computer Aided Design	_____	_____	_____	_____
TECH 1043	Principles of Industrial Hydraulics	_____	_____	_____	_____
TECH 1053	Basic Electrical Schematics & Motor Control	_____	_____	_____	_____
TECH 1063	Principles of Industrial Automation	_____	_____	_____	_____
TECH 1073	Mechatronics	_____	_____	_____	_____
TECH 1083	Industrial Motor Controls & PLC's	_____	_____	_____	_____
TECH 1093	Industrial Process Controls	_____	_____	_____	_____

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

**Minimum Required Credit Hours (34)**

Student's Signature \_\_\_\_\_

Date: \_\_\_\_\_

Advisor's Signature \_\_\_\_\_

Date: \_\_\_\_\_

Date Certificate Completed: \_\_\_\_\_