

ID #: _____ Student: _____

Communications – 2 courses

- ENG 1330 English Composition I * + (3) (written)
- ENG 1440 Public Speaking + (3) (oral)
- ENG 1670 Interpersonal Communications I (3) (oral)
- TEC 1040 Technical Writing * (3) (written)

Human Development – 1 course

- PSY 1130 General Psychology I + (3)
- PSY 1160 Applied Psychology (3)
- PSY 1250 Human Growth and Development (3)
- SOC 1130 General Sociology (3)
- SOC 1230 Social Problems (3)
- SOC 1540 Introduction to Cultural Anthropology (3)
- SOC 1600 Ethnicity and Cultural Differences In America (3)

History/Political Science – 1 course

- HIS 1230 American History I+ (3)
- HIS 1240 American History II+ (3)
- POS 1130 American National Government < (3)
- POS 1140 American State and Local Government < (3)
- POS 1180 American Political Systems + (3)

Mathematics – 2 courses

- TEC1900 - Technical Math I (3)
- TEC1910 - Technical Math II (3)
- MAT1180 - Fundamentals of Algebra (5)
- MAT1185 - Fundamentals of Algebra (4)
- MAT1205 - Applications of College Math (3)
- MAT1240 - Quantitative Reasoning (3)
- MAT1260 - Elementary Statistics (3)
- MAT1270 - Pre-Calc: Algebraic Reasoning (3)
- MAT1370 - Pre-Calc: Trig & Geom Reasoning (3)
- MAT1600 - Calculus for Business/Soc Sciences (3)
- MAT1650 - Analytical Geometry & Calculus I (5)
- MAT2150 - Analytical Geometry & Calculus II (5)

Science – 1 course

- BIO 1100 Introduction to Biological Science (3)
- BIO 1150 General Biology (5)
- BIO 1250 General Botany (5)
- BIO 1350 General Zoology (5)
- BIO 1430 Environmental Science (3)
- PHS 1130 Physical Science * (5)
- PHS 1200 Introductory Astronomy (3)
- PHS 1230 Oceanography (3)
- PHS 1250 Introductory Chemistry * (5)
- PHS 1350 General Chemistry I * (5)
- PHS 1420 College Physics I * (4)
- PHS 2230 General Physics I * (4)
- PHS 2400 Earth Science (5)
- PHS 2420 Earth Science I (3)
- PHS 2430 Earth Science II (3)
- TEC 1070 Unified Technical Concepts I * (4)
- TEC 1080 Unified Technical Concepts II * (4)

Computer Literacy – 1 course

- CIS 1050 Introduction to Computers (3)
- CIS 1730 Computer Applications (2)
- CIS 1750 Microcomputer Applications * (3)

- + Designates recommended courses for students planning to transfer to another institution or another program in the future.
- * Designates courses with prerequisites.
- < No longer offered.

MINERAL AREA COLLEGE		
ASSOCIATE OF APPLIED SCIENCE		
Machine Tool Technology		
(Major Code: MO- AP) CIP 48.0501		
Sem/Yr		Grade
_____	TEC 1000 Machine Shop I (CC)	6 _____
_____	TEC 1160 Machine Shop II * (CC)	6 _____
_____	TEC 1390 Machine Shop III * (CC)	6 _____
_____	TEC 1430 Machine Shop IV * (CC)	6 _____
_____	PAW 1060 Preparation for Employment (CC)	1 _____
Required Technical Courses:		
_____	TEC 1100 Technical Internship*	3 _____
_____	TEC 1300 Computer Aided Design/Drafting	3 _____
_____	TEC 1530 Three-Dimensional Modeling-CAD/D *	3 _____
_____	TEC 1770 Computer Numerical Control *	3 _____
_____	TEC 1790 Basic Numerical Control Program	3 _____
_____	TEC 1800 Adv Computer Numerical Control *	3 _____
_____	TEC 1810 Numerical Control Plan/Tooling *	2 _____
Communications: (2 courses – 1 written & 1 oral)		
_____	_____	3 _____
_____	_____	3 _____
Human Development: (1 course)		
_____	_____	3 _____
History/Political Science: (1 course)		
_____	_____	3 _____
Mathematics: (2 courses)		
_____	_____	3-5 _____
_____	_____	3-5 _____
Science: (1 course)		
_____	_____	3-5 _____
Computer Literacy: (1 course)		
_____	_____	2-3 _____
_____	GUI1010 First Year Seminar	1 _____
_____	HIS0000 MO Higher Education Civics Exam	0 _____
_____	TSA0000 Technical Skills Assessment	0 _____
Total Credit Hours		69-75

GPA: _____

Advisor: _____

(CC) These courses are available through participating Area Career Centers.

NOTE: See graduation policies on back.

**Associate of Applied Science
Machine Tool Technology**
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GRADUATION POLICIES: (Diplomas and Certificates)

1. An Application for Graduation form must be filed with the Registrar's Office by the end of the second week of the fall and spring terms and by the end of the first week of the summer term. Contact advisor for assistance.
2. All applicants are required to complete an Exit Exam and a Technical Skills Assessment.
3. All applicants are required to complete a graduation interview with the Career Services Director.
4. A minimum institutional and cumulative career GPA of 2.0 is required for graduation.
5. Fifteen (15) hours of Mineral Area College credit must be included in the degree.

Signature Required
Acknowledgement of Graduation Policies

Date