

ID#: \_\_\_\_\_ Student: \_\_\_\_\_

**Communications Electives – 1 written & 1 oral**

ENG1330 English Composition I +\* (3) (written)  
 TEC1040 Technical Writing \*^ (3) (written)  
 ENG1440 Public Speaking (3) (oral)  
 ENG1670 Interpersonal Communications I (3) (oral)

**Human Development Electives – 1 course**

PSY1130 General Psychology I + (3)  
 PSY1160 Applied Psychology (3)  
 PSY1250 Human Growth & Development (3)  
 SOC1130 General Sociology (3)  
 SOC1230 Social Problems (3)  
 SOC1540 Intro to Cultural Anthropology (3)  
 SOC1600 Ethnicity & Cultural Differences (3)

**History/Political Science Electives – 1 course**

HIS1230 American History I (3)  
 HIS1240 American History II (3)  
 POS1130 American National Government < (3)  
 POS1140 American State and Local Government < (3)  
 POS1180 American Political Systems + (3)

**Mathematics Electives – 2 courses**

MAT1130 Intermediate Algebra \* (3)  
 MAT1230 College Algebra +\* (3)  
 MAT1330 Trigonometry +\* (3)  
 MAT1600 Calculus for Bus/Soc Sci \* (3)  
 MAT1650 Analytical Geometry & Calculus I +\* (5)  
 MAT2150 Analytical Geometry & Calculus II +\* (5)  
 TEC1900 Technical Mathematics I \* ^ (3)  
 TEC1910 Technical Mathematics II \* ^ (3)

**Physical Science Electives – 2 courses**

PHS1130 Physical Science \* (5)  
 PHS1250 Introductory Chemistry \* (5)  
 PHS1350 General Chemistry I \* (5)  
 PHS2230 General Physics I \* (4)  
 TEC1070 Unified Technical Concepts I ^+\* (4)  
 TEC1080 Unified Technical Concepts II ^+\* (4)

^ Recommended for students not planning to transfer.  
 + Recommended for transfer students.  
 \* Course has prerequisite. See MAC Catalog.  
 < No longer offered-will count if previously completed.

Gen Ed Cr. Hrs..... 26-32  
 Major Cr. Hrs.....39  
 Total Cr. Hrs..... 65-71

**MINERAL AREA COLLEGE**

**ASSOCIATE OF APPLIED SCIENCE**

**Manufacturing Technology**  
 (Major Code: MP)

Sem/Yr		Grade
_____	EEE1500 Basic Electronics .....	3 _____
_____	EEE1550 Electrical Systems .....	3 _____
_____	TEC1020 Intro to Technology .....	1 _____
_____	TEC1100 Technical Internship * .....	3 _____
_____	TEC1300 Computer Aided Design/Drafting .....	3 _____
_____	TEC1350 Intro to Robotics.....	3 _____
_____	TEC1500 Plant Layout.....	3 _____
_____	TEC1560 Mfg Process & Estimating.....	3 _____
_____	TEC1580 QC & Testing Fundamentals .....	3 _____
_____	TEC1720 Mechanisms .....	3 _____
_____	TEC1730 Problem Analysis.....	1 _____
_____	TEC1770 Computer Numerical Control .....	3 _____
_____	TEC1780 Blueprint Reading*.....	3 _____
_____	TEC2030 Basic Fluid Power .....	3 _____
_____	PAW1060 Prep for Employment.....	1 _____
Communications Electives: (1 written and 1 oral)		
_____	_____ .....	3 _____
_____	_____ .....	3 _____
Human Development Elective:		
_____	_____ .....	3 _____
History/Political Science Elective:		
_____	_____ .....	3 _____
Mathematics Electives:		
_____	_____ .....	3-5 _____
_____	_____ .....	3-5 _____
Physical Science Electives:		
_____	_____ .....	4-5 _____
_____	_____ .....	4-5 _____
Total Credit Hours		65-71

GPA: \_\_\_\_\_

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

**NOTE: See graduation policies on back.**

Advisor: \_\_\_\_\_

**ASSOCIATE OF APPLIED SCIENCE**  
**Manufacturing Technology**

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 degree applicants are required to complete an Exit Exam.
3. All applicants are required to complete a graduation interview with the Career Placement Office.
4. A cumulative 2.0 grade point average is required for graduation.
5. Last fifteen (15) hours must be earned at Mineral Area College.