

ID#: _____ Student: _____

BUSINESS/MANAGEMENT ELECTIVES – 5 courses

- BUS2330 Marketing (3)
- BUS2530 Legal Environment of Business (3)
- ENG2150 Leadership Development (3)
- MGT1140 Cost Accounting (3)
- MGT1190 Financial Accounting (3)
- MGT1300 Organizational Analysis and Management (3)
- MGT1310 Project Management* (3)
- MGT1710 Human Resource Management (3)
- MGT1730 Safety Management (3)
- MGT2660 Supervision: Middle Management* (3)

MANUFACTURING ELECTIVES – 5 courses

- TEC1350 Introduction to Robotics (3)
- TEC 1500 Plant Layout (3)
- TEC1560 Manufacturing Processes and Estimating (3)
- TEC1580 Quality Control & Testing Fundamentals (3)
- TEC2030 Basic Fluid Power (3)
- TEC1810 N/C Planning & Tooling (3)

TECHNOLOGY ELECTIVES – 4 courses

- CIS1620 A+ Computer Maintenance (3)
- EEE 1500 Basic Electronics (3)
- EEE1550 Electrical Systems (3)
- TEC1300 Computer Aided Design/Drafting (3)
- TEC1320 Advanced CADD* (3)
- TEC1530 3-D Modeling* (3)

COMMUNICATIONS ELECTIVES – 2 courses

- (1 written and 1 oral)
- ENG133 English Composition I +* (3) (written)
- ENG144 Public Speaking + (3) (oral)
- ENG167 Interpersonal Communications I (3) (oral)
- TEC104 Technical Writing * (3) (written)

HUMAN DEVELOPMENT ELECTIVES – 1 course

- PSY1130 General Psychology I+ (3)
- PSY1160 Applied Psychology (3)
- SOC1130 General Sociology (3)
- SOC1230 Social Problems (3)
- SOC1600 Ethnicity & Cultural Differences in America (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 Business/Soc. Sciences +* (3)
- MAT1650 Analytical Geometry & Calculus I * (5)
- MAT2150 Analytical Geometry & Calculus II * (5)
- TEC1900 Technical Math I * (3)
- TEC1910 Technical Math II * (3)

PHYSICAL SCIENCE ELECTIVES – 2 courses

- PHS1130 Physical Science* (5)
- PHS1250 Intro to Chemistry* (5)
- PHS1350 General Chemistry I* (5)
- PHS1420 College Physics I* (4)
- PHS1440 College Physics II* (4)
- PHS2230 General Physics I* (4)
- TEC1070 Unified Technical Concepts I + * (4)
- TEC1080 Unified Technical Concepts II + * (4)

+ recommended course for transfer students.
 * Designates courses with prerequisites.
 < No longer offered-will count if previously completed.
 √ Courses waived for currently employed supervisors and long-term employees.

**MINERAL AREA COLLEGE
 DEGREE PLAN
 ASSOCIATE OF APPLIED SCIENCE
 Manufacturing Supervision Technology
 (Major Code: MV)**

Sem/Yr		Grade
	Business/Management Electives (5 courses)	
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
	Manufacturing Electives (5 courses)	
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
	Technology Electives (4 courses)	
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
_____	_____	. 3
	Communications Electives: (2 courses)	
_____	_____	3
_____	_____	3
	Human Development Elective: (1 course)	
_____	_____	3
	History/Political Science Elective: (1 course)	
_____	_____	3
	Mathematics Electives: (2 courses)	
_____	_____	3-5
_____	_____	3-5
	Physical Science Electives: (2 courses)	
_____	_____	4-5
_____	_____	4-5
_____	PAW1060 Prep for Employment √	1
_____	MGT1940 Management Seminar √	1

Total Credit Hours 68 - 76

GPA: _____

TSA Date: _____

Advisor: _____

ASSOCIATE OF APPLIED SCIENCE
Manufacturing Supervision 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.