

Student ID #: _____

Student: _____

Communications

ENG 1440 Public Speaking * (3) (oral)
ENG 1670 Interpersonal Communications I * (3) (oral)

History/Political Science

HIS 1230 American History I (3)
HIS 1240 American History II (3)
POS 1180 American Political Systems + (3)

Mathematics

MAT 1185 Fundamentals of Algebra* (4)
MAT 1240 Quantitative Reasoning* (3)
MAT 1260 Elementary Statistics * (3)
MAT 1270 Pre-Calc: Algebraic Reasoning * (3)
MAT 1370 PreCalc: Trig & Geom Reasoning * (3)
MAT 1650 Analytical Geometry & Calculus I+* (5)
MAT 2150 Analytical Geometry & Calculus II+*(5)
TEC 1900 Technical Mathematics I (3)
TEC 1910 Technical Mathematics II (3)

Science

Any Physical Science (PHS) or Biology (BIO) course

Computer Literacy

Any CIS course (1-3)

Guidance

GUI 1010 First Year Seminar (1)
GUI 1020 Navigating College (2)

+ Recommended course for transfer students.
* Course has a prerequisite. See MAC Catalog.

ASSOCIATE OF APPLIED SCIENCE Engineering Technology – Manufacturing (Major Code EG-AP) CIP 15.0101			
SEM/YR	COURSE#	COURSE TITLE	HRS
PROGRAM CORE			
	EEE 1550	Electrical Systems	3
	EEE 1970	Programmable Logic Controllers	3
	TEC 1040/ ENG 1330	Technical Writing* OR English Composition I*+	3
	TEC 1300	Computer Aided Design/Drafting	3
	TEC 1425	Elements of Automation	3
	TEC 1560	Mfg. Process & Estimating	3
	TEC 1580	Quality Control & Testing	3
	TEC 1610	Introduction to Engineering Design	3
	TEC 1630	Principles of Engineering*	3
	TEC 1710	Computer Integrated Manufacturing*	3
	TEC 1780	Blueprint Reading	3
	TEC 1790	Basic Numerical Control	3
	TEC 1920	Teamwork/Workplace Communication	3
	TEC 1930	General Industry Safety	3
	TEC 2050	Engineering Design & Development*	3
	PAW 1060	Prep for Employment	1
COMMUNICATIONS (3 hrs.) (One oral)			
			3
HISTORY/POLITICAL SCIENCE (3 hrs.)			
	HIS 0000	MO Higher Ed Civics Exam	0
			3
MATHEMATICS (6-10 hrs.)			
			3-5
			3-5
SCIENCE (3-5 hrs.)			
			3-5
COMPUTER LITERACY (1-3 hrs.)			
			1-3
INSTITUTIONAL REQUIREMENTS			
GUIDANCE (1-2 hrs.) (Required for all freshmen)			
	GUI1010/ GUI1020	First Year Seminar OR Navigating College	1-2
TOTAL HOURS TOWARDS AAS DEGREE (63-72)			

GRADUATION POLICIES:

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 navigator for assistance.
2. Earn a minimum institutional and cumulative career GPA of 2.0 or higher for graduation.
3. Career and Technical degree candidates (Associate of Applied Science, Associate of Science, and Certificate completers) are required to complete a graduation interview form in the Career Services Office or in MyMAC.
4. Fifteen (15) hours of Mineral Area College credit must be included in the degree.

Signature Required
Acknowledgment of Graduation Policies

Date

GPA: _____

Navigator: _____