

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.

<b>ASSOCIATE OF APPLIED SCIENCE</b> <b>Engineering Technology – Design Drafting</b> <b>(Major Code DB-AP) CIP 15.0101</b>			
SEM/YR	COURSE#	COURSE TITLE	HRS
<b>PROGRAM CORE</b>			
	EEE 1550	Electrical Systems	3
	TEC 1040/ ENG 1330	Technical Writing* OR English Composition I*+	3
	TEC 1300	Computer Aided Design/Drafting	3
	TEC 1320	Advanced CADD*	3
	TEC 1340	CAD/D Special Application Programs*	3
	TEC 1530	3-D Modeling*	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 1920	Teamwork/Workplace Communication	3
	TEC 1930	General Industry Safety	3
	TEC 2050	Engineering Design & Development*	3
	PAW 1060	Prep for Employment	1
<b>COMMUNICATIONS (3 hrs.) (One oral)</b>			
			3
<b>HISTORY/POLITICAL SCIENCE (3 hrs.)</b>			
	HIS 0000	MO Higher Ed Civics Exam	0
			3
<b>MATHEMATICS (6-10 hrs.)</b>			
			3-5
			3-5
<b>SCIENCE (3-5 hrs.)</b>			
			3-5
<b>COMPUTER LITERACY (1-3 hrs.)</b>			
			1-3
<b>INSTITUTIONAL REQUIREMENTS</b>			
<b>GUIDANCE (1-2 hrs.) (Required for all freshmen)</b>			
	GUI1010/ GUI1020	First Year Seminar OR Navigating College	1-2
<b>TOTAL HOURS TOWARDS AAS DEGREE (60-69)</b>			

**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: \_\_\_\_\_