

Student ID #: _____

Student: _____

Communications

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

PSY 1130 General Psychology I + (3)
 PSY 1160 Applied Psychology * (3)
 PSY 1250 Human Growth & Development (3)
 SOC 1130 General Sociology (3)
 SOC 1540 Introduction to Cultural Anthropology (3)

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 Math I (3)
 TEC 1910 Technical Math II* (3)

Science

BIO 1100 Intro to Bio Science *(3)
 BIO 1150 General Biology* (5)
 BIO 1430 Environmental Science* (3)
 BIO 2112 General Botany* (5)
 BIO 2122 General Zoology* (5)
 PHS 1040 Consumer Chemistry * (3)
 PHS 1200 Introductory Astronomy (3)
 PHS 1250 Introductory Chemistry * (5)
 PHS 1350 General Chemistry I * (5)
 PHS 1400 Earth Science* (5)
 PHS 1420 College Physics I (4)
 PHS 2230 General Physics I (4)
 PHS 2410 Physical Geology (5)
 PHS 2420 Earth Science I* (3)

Computer

CIS 1730 Office Applications (2)
 CIS 1750 Microcomputer Applications * (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 Heating, Air Conditioning, and Refrigeration Technology (Major Code HE-AP) CIP 47.0201			
SEM/YR	COURSE#	COURSE TITLE	HRS
PROGRAM CORE			
Fall	AHR 1005	Refrigeration System Fundamentals	3
Fall	AHR 1105	Refrigerant Management	3
Fall	AHR 1015	Electric for HVAC/R	3
Fall	AHR 1115	HVAC/R Motors & Controls	3
Spring	AHR 1205	Heat Pumps and Electric Heat	3
Spring	AHR 1215	Gas Heating Principles	3
Spring	AHR 1305	Indoor Air Fundamentals & Sheetmetal	3
Spring	AHR 1315	Installation of Residential Systems	3
Summer	AHR 1405	Troubleshooting Residential Systems	3
Summer	AHR 1320	Commercial Refrigeration Systems	3
Summer	AHR 1415	Troubleshooting Commercial Ref. Systems	3
	AHR 1700	Htg/AC/Ref Intern I	3
	PAW 1060	Preparation for Employment	1
COMMUNICATIONS (6 hrs.) (One written, one oral)			
			3
			3
HUMAN DEVELOPMENT (3 hrs.)			
			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 (2-3 hrs.)			
			2-3
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 (61-69)			

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: _____