

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

**Communications Electives - 1 written & 1 oral**

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

**Computer Literacy - 1 course**

CIS1050 Intro to Computers (3)  
 CIS1750 Microcomputer Applications (3)

**History/Political Science Elective - 1 course**

HIS1230 American History I (3)  
 HIS1240 American History II (3)  
 POS1180 American Political Systems+ (3)  
 POS1130 American Nat'l Government < (3)  
 POS1140 American State/Local Government < (3)

**Mathematics Elective - 1 course**

MAT1130 Intermediate Algebra \* (3)  
 MAT1230 College Algebra +\* (3)  
 TEC1900 Tech Math I \*(3)

**Biological Science - 1 course**

BIO1430 Environmental Science (3)

**Program Electives**

AGR2200 Agriculture Internship ☼ (3)  
 EEE1970 Programmable Logic Controllers (3)  
 HRT2172 Crop Science (3)  
 HRT2174 Biomass and Feedstock (3)  
 HRT2510 Horticulture Internship I ☼ (3)  
 MGT2660 Supervision Mid-Management (3)  
 MFG1060 Mngf Equip. Maintenance Operations (3)  
 TEC1100 Technology Internship I ☼ (3)  
 TEC1220 Mechanical Design (3)\*  
 TEC1720 Mechanisms (3)\*  
 TEC 2030 Basic Fluid Power (3)

- + Recommended course for transfer students.
- < No longer offered-will count if previously completed.
- ☼ Summer preferred.
- \* Course has pre-requisite. See MAC Catalog.
- \*\* Solar Energy, Wind Energy, Electrical Systems, and Bioprocess Practices has Industrial Safety Sanitation as a Pre-Requisite or a Co-Requisite.
- \*\*\* Chemistry of Alternative Energy has Elementary Algebra as a Pre-Requisite.

Gen Ed Cr. Hrs..... 18  
 Major Cr. Hrs..... 35  
 Additional Electives ..... 12  
 Total Cr. Hrs..... 65

<b>MINERAL AREA COLLEGE</b>		
<b>ASSOCIATE OF APPLIED SCIENCE</b>		
<b>Renewable Energy Technology Degree</b>		
<b>(Major Code: RN)</b>		
Sem/Yr		Grade
_____	AGR 1230 Plant Science or .....	5 _____
_____	HRT 1010 Intro to Horticulture	
_____	AGR 1800 Ag Leadership & Employment or .....	1 _____
_____	PAW 1060 Prep for Employment	
_____	EEE 1550 Electrical Systems** .....	3 _____
_____	PHS 1210 Chemistry of Alternative Energy*** .....	5 _____
_____	RET 1000 Intro to Renewable Energy.....	3 _____
_____	RET 2000 Bioprocess Practices** .....	3 _____
_____	RET 1020 Instrumentation Principles....	3 _____
_____	RET 1040 Industrial Safety and Sanitation .....	3 _____
_____	RET 2020 Solar Energy Systems** .....	3 _____
_____	RET 2040 Wind Energy Systems** .....	3 _____
_____	TEC 1780 Blueprint Reading.....	3 _____
Program Electives: (12)		
_____	_____ .....	3 _____
_____	_____ .....	3 _____
_____	_____ .....	3 _____
_____	_____ .....	3 _____
Communications Electives: (1 written & 1 oral)		
_____	_____ .....	3 _____
_____	_____ .....	3 _____
Computer Elective:		
_____	_____ .....	3 _____
History/Political Science Elective:		
_____	_____ .....	3 _____
Mathematics Elective:		
_____	_____ .....	3 _____
Biological Science:		
_____	_____ .....	3 _____
_____	TSA0000 Technical Skills Assessment.....	0 _____
Total Credit Hours		65

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

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

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

Rev: 01/09/12 clm

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

**ASSOCIATE OF APPLIED SCIENCE**  
**Renewable Energy Technology Degree**

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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 and a Technical Skills Assessment.
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.