ID #: _____ Student: _____

Communications Electives - 1 written & 1oral
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)
CIS1610   IT Fundamentals (3)
CIS1750   Microcomputer Applications (3)

History/Political Science Elective - 1 course
HIS1230   American History I (3)
HIS1240   American History II (3)
POS1180   American Politcial 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)

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   Mnfg Equip. Maintenance Operations (3)
TEC1100   Technology Internship I ☼ (3)
TEC1220   Mechanical Design (3)*
TEC1720   Mechanisms (3)*
TEC 2030   Basic Fluid Power (3)

Elective Courses:
HRT 1010   Intro to Horticulture[1] (3)
AGR 1800   Ag Leadership & Employment [2] (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 Industial Safety
       Sanitation as a Pre-Requisite or a Co-Requisite.
  *** Chemistry of Alternative Energy has Elementary Algebra
       as a Pre-Requisite.
  ☐ Please mark if taking web course

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

MINERAL AREA COLLEGE

ASSOCIATE OF APPLIED SCIENCE
Renewable Energy Technology
(Major Code: RN)

Web-Sem/Yr   Grade
☐ _____   AGR 1230   Plant Science [1].......................................5   _____
☐ _____   EEE 1550   Electrical Systems**..............................3   _____
☐ _____   PAW 1060   Prep for Employment [2] …….................1   _____
☐ _____   PHS 1210   Chemistry of Alternative Energy***……5   _____
☐ _____   RET 1000   Intro to Renewable Energy…………….3   _____
☐ _____   RET 1020   Instrumentation Principles…. 3   _____
☐ _____   RET 2000   Bioprocess Practices**………………….3   _____
☐ _____   RET 2020   Solar Energy Systems**……………...3   _____
☐ _____   RET 2040   Wind Energy Systems**……. …………3   _____
☐ _____   TEC 1730   Problem Analysis………………. 1   _____
☐ _____   TEC 1780   Blueprint Reading…………………..3   _____
☐ _____   TEC 1930   Mfg Safety OSHA 30 & HAZCOM.........3   _____

Program Electives: 4 Courses

☐ _____   _____ 3   _____
☐ _____   _____ 3   _____
☐ _____   _____ 3   _____
☐ _____   _____ 3   _____

Communications Electives: 2 Courses (1 written & 1 oral)

☐ _____   _____ 3   _____
☐ _____   _____ 3   _____

Computer Elective: 1 Course

☐ _____   _____ 3   _____

History/Political Science Elective: 1 Course

☐ _____   _____ 3   _____

Mathematics Elective: 1 Course

☐ _____   _____ 3   _____

Biological Science: 1 Course

☐ _____   BIO1430 Environmental Science………………. 3   _____

_____   TSA0000 Technical Skills Assessment………........0   _____

_____   **Total Web Hours   Total Credit Hours   66**

GPA: _____

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.

_____
Signature Required
Acknowledgement of Graduation Policies

_____
Date