

ID#: _____

Student: _____

Computer Electives – 1 course

- CIS1100 Microcomputer Graphics * (3)
- CIS1620 A+ Computer Repair & Maint. * • (3)**
- CIS1650 Accounting on Microcomputer * (3)
- CIS1670 Fundamentals of Networking * (3)
- CIS1680 Fundamentals of Network Security * (3)
- CIS1700 Desktop Publishing * (3)
- CIS1780 Illustrator I * (3)
- CIS1830 Novell Network Administration * (3)
- CIS1840 Microsoft Networking Admin * (3)
- CIS1860 Internetworking II * (3)
- CIS1930 Computer Ethics (3)
- CIS2200 Microcomputer Spreadsheet Appl * (3)
- CIS2210 Adv Spreadsheet Applications * (3)
- CIS2320 WP-WordPerfect I * (3)
- CIS2330 WP-WordPerfect II * (3)
- CIS2350 WP-Microsoft Word * (3)
- CIS2930 Adv Microcomputer Applications (3)
- CIS2960 Computer Networking Internship * (3)
- CSC1300 Video Game Design & Development * (3)
- CSC2500 Advanced BASIC Programming * (3)

Communications Electives – 2 written & 1 oral

- ENG1330 English Composition I +* (3) (written)
- ENG1340 English Composition II +* (3) (written)
- ENG1440 Public Speaking + (3) (oral)
- ENG1670 Interpersonal Communications I (3) (oral)

Human Development Electives – 1 course

- PSY1130 General Psychology I + (3)
- PSY1160 Applied Psychology (3)
- PSY1250 Human Growth & Development (3)
- SOC1130 General Sociology (3)
- SOC1230 Social Problems (3)
- SOC1540 Intro to Cultural Anthropology (3)
- SOC1600 Ethnicity & Cultural Differences (3)

History/Political Science Electives – 1 course

- HIS1230 American History I (3)
- HIS1240 American History II (3)
- POS1130 American National Government < (3)
- POS1140 American State and Local Government < (3)
- POS1180 American Political Systems + (3)

Mathematics Electives – 2 courses

- MAT1130 Intermediate Algebra * (3)
- MAT1230 College Algebra +* (3)
- MAT1330 Trigonometry +* (3)
- MAT1600 Calculus for Business/Soc. Sciences * (3)
- MAT1650 Analytical Geometry & Calculus I +* (5)
- MAT2150 Analytical Geometry & Calculus II +* (5)
- TEC1900 Technical Mathematics I * (3)
- TEC1910 Technical Mathematics II * (3)

Science Electives – 1 course

See List on Back

+ Recommended course for transfer students.

* Course has prerequisite. See MAC Catalog.

• Recommended course

< No longer offered-will count if previously completed.

Gen Ed Cr. Hrs24-30
 Major Cr. Hrs.....41
 Total Cr. Hrs.....65-71

NOTE: See graduation policies on back.

Rev. 01/09/12 clm

MINERAL AREA COLLEGE

ASSOCIATE OF APPLIED SCIENCE

Business Computer Programming

(Major Code: CP)

| Sem/Yr | | Grade |
|--------------------------------------|---|--------------|
| _____ | CIS1050 Intro to Computers... OR | 3 _____ |
| _____ | CIS1750 Microcomputer Applications* | _____ |
| _____ | CIS1610 IT Fundamentals..... | 3 _____ |
| _____ | CIS1870 Internetworking I * | 3 _____ |
| _____ | CIS1900 Fundamentals of Unix *... OR | 3 _____ |
| _____ | CIS2080 Fundamentals of Linux | _____ |
| _____ | CIS2100 Micro Database Management * | 3 _____ |
| _____ | CIS2110 Advanced Micro Database Mgt * | 3 _____ |
| _____ | CIS2400 Web Page Development * | 3 _____ |
| _____ | CSC1100 Programming Logic..... | 3 _____ |
| _____ | CSC1500 BASIC Programming * | 3 _____ |
| _____ | CSC2400 Computer Programming in C++ | 3 _____ |
| _____ | CSC2420 Java Script Programming * | 3 _____ |
| _____ | CSC2440 Web Programming Perl/CGI/Linux * | 3 _____ |
| _____ | MGT1940 Management Seminar | 1 _____ |
| _____ | PAW1060 Prep for Employment | 1 _____ |
| _____ | Computer Elective | 3 _____ |
| Communications (2 written & 1 oral): | | |
| _____ | ENG1330 English Composition I * | 3 _____ |
| _____ | ENG1340 English Composition II * | 3 _____ |
| _____ | | 3 _____ |
| Human Development: | | |
| _____ | | 3 _____ |
| History/Political Science: | | |
| _____ | | 3 _____ |
| Mathematics: | | |
| _____ | | 3-5 _____ |
| _____ | | 3-5 _____ |
| Science: | | |
| _____ | | 3-5 _____ |
| _____ | TSA0000 Technical Skills Assessment | 0 _____ |
| Total Credit Hours | | 64-70 |

TSA Date: _____

Advisor: _____

**Associate of Applied Science
Business Computer Programming**

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Science Electives – 1 course

BIO1100 Intro to Bio Science (3)
BIO1150 General Biology (5)
BIO1250 General Botany (5)
BIO1350 General Zoology (5)
BIO1430 Environmental Science (3)
PHS1130 Physical Science * (5)
PHS1200 Introductory Astronomy (3)
PHS1230 Oceanography (3)
PHS1250 Introductory Chemistry * (5)
PHS1350 General Chemistry I * (5)
PHS1420 College Physics I * (4)
PHS2230 General Physics I * (4)
PHS2400 Earth Science (5)
PHS2420 Earth Science I (3)
PHS2430 Earth Science II (3)
TEC1070 Unified Technical Concepts I * (4)
TEC1080 Unified Technical Concepts II * (4)

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.