

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

**Communications – 1 written & 1 oral**

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

**Human Development – 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 – 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 – 1 course**

- TEC1900 - Technical Math I (3)
- TEC1910 - Technical Math II (3)
- MAT1180 - Fundamentals of Algebra (5)
- MAT1205 - Applications of College Math (3)
- MAT1240 - Quantitative Reasoning (3)
- MAT1260 - Elementary Statistics (3)
- MAT1270 - Pre-Calc: Algebraic Reasoning (3)
- MAT1370 - Pre-Calc: Trig & Geom Reasoning (3)
- MAT1600 - Calculus for Business/Soc Sciences (3)
- MAT1650 - Analytical Geometry & Calculus I (5)
- MAT2150 - Analytical Geometry & Calculus II (5)

**Science – 1 course**

- BIO1100 Intro to Bio Science \*(3)
- BIO1150 General Biology\* (5)
- BIO1350 General Zoology\* (5)
- BIO1430 Environmental Science\* (3)
- BIO2112 General Botany\* (5)
- PHS1130 Physical Science \* (5)
- PHS1200 Introductory Astronomy \*(3)
- PHS1230 Oceanography \*(3)
- PHS1250 Introductory Chemistry \*(5)
- PHS1350 General Chemistry I \*(5)
- PHS1400 Earth Science\* (5)
- PHS1420 College Physics I \*(4)
- PHS2230 General Physics I \*(4)
- PHS2420 Earth Science I \*(3)
- PHS2430 Earth Science II \*(3)
- TEC1070 Unified Technical Concepts I \*(4)
- TEC1080 Unified Technical Concepts II \*(4)

- + Recommended course for transfer students.
- \* Course has prerequisite. See MAC Catalog.
- **Recommended course**
- < No longer offered-will count if previously completed.

Gen Ed Cr. Hrs .....24-30  
Major Cr. Hrs.....41  
Total Cr. Hrs.....61-65

<b>MINERAL AREA COLLEGE</b>		
<b>ASSOCIATE OF APPLIED SCIENCE</b>		
<b>Business Computer Programming</b>		
<b>(Major Code: CP- AP) CIP 11.0201</b>		
Sem/Yr		Grade
_____	CIS1610 IT Fundamentals .....	3 _____
_____	CIS1620 A+ Computer Repair & Maintenance .....	3 _____
_____	CIS1870 Internetworking I .....	3 _____
_____	CIS1930 Computer Ethics.....	3 _____
_____	CIS2080 Fundamentals of Linux*.....	3 _____
_____	CIS2100 Micro Database Management .....	3 _____
_____	CIS2400 Web Page Development .....	3 _____
_____	CSC1100 Programming Logic*.....	3 _____
_____	CSC1600 C# Programming*.....	3 _____
_____	CSC2400 Computer Programming in C++.....	3 _____
_____	CSC2420 Java Script Programming * .....	3 _____
_____	CSC2470 Database Design with SQL* .....	3 _____
_____	CSC2480 Database Programming with SQL*.....	3 _____
_____	CSC2600 Advanced C#* .....	3 _____
_____	CSC2980 Capstone – Bus. Computer Prog*.....	1 _____
Communications (1 written & 1 oral):		
_____	_____.....	3 _____
_____	_____.....	3 _____
Human Development:		
_____	_____.....	3 _____
History/Political Science:		
_____	_____.....	3 _____
Mathematics:		
_____	_____.....	3 _____
Science:		
_____	_____.....	3-5 _____
_____	<u>TSA0000 Technical Skills Assessment</u> .....	0 _____
<b>Total Credit Hours</b>		<b>61-65</b> _____

GPA \_\_\_\_\_

Advisor \_\_\_\_\_

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

**Associate of Applied Science  
Business Computer Programming**  
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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. Fifteen (15) hours of Mineral Area College credit must be included in the degree.

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Signature Required  
Acknowledgement of Graduation Policies

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Date