

**ASSOCIATE IN APPLIED SCIENCE
INFORMATION TECHNOLOGY
COMPUTER PROGRAMMING AND DEVELOPMENT
(A25590C)**

Name: _____

Student ID: _____

| College Readiness | |
|--|----------------|
| | <u>English</u> |
| Must enroll in Transition English (ENG-002) course | |
| Must enroll in ENG-111 co-requisite course | |
| May enroll directly into ENG-111 | |
| | <u>Math</u> |
| Must enroll in Transition Math (MAT-003) course | |
| Must enroll in co-requisite course MAT-043,MAT-052,MAT-071 | |
| May enroll directly into MAT-143,MAT-152,MAT-171 | |

| FIRST FALL SEMESTER | | | | |
|------------------------|---------------------------------------|-----------------|-------|--------------|
| Course Prefix & Number | Course Title | Semester & Year | Grade | Credit Hours |
| ACA 122 | College Transfer Success | | | 1 |
| CIS 110 | Introduction to Computers | | | 3 |
| CIS 115 | Introduction to Programming and Logic | | | 3 |
| CTI 110 | Web, Pgm, & DB Foundation | | | 3 |
| CTI 120 | Network and Security Foundation | | | 3 |
| CTS 115 | Info System Business Concepts | | | 3 |
| NOS 110 | Operating Systems Concepts | | | 3 |
| TOTAL | | | | 19 |

| FIRST SPRING SEMESTER | | | | |
|------------------------|-------------------------------|-----------------|-------|--------------|
| Course Prefix & Number | Course Title | Semester & Year | Grade | Credit Hours |
| CSC 134 | C++ Programming | | | 3 |
| CSC 151 | JAVA Programming | | | 3 |
| CSC 249 | Data Structure and Algorithms | | | 3 |
| DBA 110 | Database Concepts | | | 3 |
| ENG 111 | Expository Writing | | | 3 |
| MAT 143 | Quantitative Literacy | | | 3 |
| TOTAL | | | | 18 |

| SECOND FALL SEMESTER | | | | |
|------------------------|---|-----------------|-------|--------------|
| Course Prefix & Number | Course Title | Semester & Year | Grade | Credit Hours |
| CSC 139 | Visual BASIC Programming | | | 3 |
| CSC 234 | Advanced C++ Programming | | | 3 |
| CSC 251 | Advanced JAVA Programming | | | 3 |
| NOS 130 | Windows Single User | | | 3 |
| ELECTIVE | Social/Behavioral Science Elective ANT-210 ANT-220 ANT-221 ECO-251 ECO-252 GEO-111 GEO-130 HIS-111 HIS-112 HIS-121 HIS-122 HIS-131 HIS-132 POL-120 POL-130 POL-210 POL-220 PSY-110 PSY-150 SOC-210 SOC-213 SOC-220 SOC-225 SOC-240 | | | 3 |
| TOTAL | | | | 15 |

(Over)

| SECOND SPRING SEMESTER | | | | |
|---------------------------|--|--------------------|-------|-----------------|
| Course Prefix & Number | Course Title | Semester & Year | Grade | Credit Hours |
| COM 231 | Public Speaking | | | 3 |
| CTS 287 | Emerging Technologies | | | 3 |
| NOS 120 | Linux/UNIX Single User | | | 3 |
| ELECTIVE | Humanities/fine Arts Elective ART-111 ART-114 ART-115 ART-121 ART-131 DAN-110 MUS-110 MUS-111 MUS-112 PHI-215 PHI-240 REL-110 REL-211 REL-212 REL-221 | | | 3 |
| | TOTAL | | | 12 |
| | TOTAL CREDIT HOURS | | | 64 |

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