

**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-025) course	
May enroll directly into ENG-111	
Must enroll in Transition Math MAT-025 (MAT-143,MAT-152)	<u>Math</u>
Must enroll in Transition Math MAT-035 (MAT-171)	
May enroll directly into MAT-143, MAT-152, MAT-171	
May enroll directly into MAT-110	

FIRST FALL SEMESTER				
Course Prefix & Number	Course Title	Semester & Year	Grade	Credit Hours
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				18

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 234	Advanced C++ Programming			3
CSC 251	Advanced JAVA Programming			3
CSC 121	Python Programming I			3
CSC 221	Python Programming II			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 HUM-115POL-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
ACA 122 or WBL 111	College Transfer Success Work-Based Learning I			1 1
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			13
	TOTAL CREDIT HOURS			64

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