

**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
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

"Brunswick Community College does not discriminate on the basis of race, religion, color, national origin, gender, age, political affiliation, genetic information, sexual orientation or disability."