INFORMATION TECHNOLOGY - PROGRAMMING AND DEVELOPMENT WITH A CONCENTRATION IN QUALITY ASSURANCE, ASSOCIATE OF APPLIED BUSINESS

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
IT-1025	Information Technology Concepts for Programmers	3
IT-1050	Programming Logic	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
COMM-1010	Fundamentals of Speech Communication	
COMM-101H	Honors Speech Communication	
IT-1150	Introduction to Web Programming	3
IT-2650	Java Programming	4
MATH-1XXX MATH 1000 or higher course		3
IT-1200	Introduction to Software Quality Assurance	4
Select one of the following:		3
BADM-2010	Business Communications	
BADM-201H	Honors Business Communications	
Select one of the following:		1-3
IT-2830	Cooperative Field Experience	
ITNT-2300	Networking Fundamentals	
IT-2351	Enterprise Database Systems	4
IT-2200	Software Quality Assurance Techniques	4
Social and Behavioral Science/Natural Science		3
IT-2030	ASP.NET Web Programming	4
ITXX-XXXX IT Programming Elective		3-4
IT-2500	Software Testing Automation	4
Select one of the following:		3
PHIL-2020	Ethics	
PHIL-202H	Honors Ethics	
Select one of the following:		3
BADM-1301	Small Business Management	
ACCT-1311	Financial Accounting	

PROGRAMMING ELECTIVES

Select from the following courses to fulfill the programming elective requirement. Courses cannot be used for both a requirement and elective (in the case of an "or" selection above):

Code	Title	Credit Hours
IT-2080	Data Visualization	4
IT-2090	Data Analytics Programming	4
IT-2100	iOS Application Programming	4
IT-2110	Android Mobile Application Development	3
ITNT-2300	Networking Fundamentals	3
IT-2600	E-Business Programming Technologies	3
IT-2670	C/C++ Programming Language	4
IT-2680	Visual C# .NET	4
IT-2740	Fundamentals of Client Operating Systems and Hardware for Cybersecurity	4
IT-2750	Scripting Fundamentals for Cybersecurity	3

Related Degrees and Certificates

- Mobile Application Development, Short-Term Certificate
- Web Application Development, Short-Term Certificate
- Information Technology−Programming and Development with a Concentration in Quality Assurance, Associate of Applied Business
- Information Technology-Programming and Development, Post-Degree Professional Certificate