

Information Technology Software Development Associate in Applied Science

Faculty Contact:
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This degree provides individuals with the knowledge, skills and abilities that provide career opportunities and advancement in the field of programming and software development in information technology. This degree provides the foundation for business and industry certifications.

Communications		Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> ENGL 103 or ENGL 103W		CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)	
<input type="checkbox"/> ENGL 104		ENGL 103 or ENGL 103W	
<input type="checkbox"/> SPEE 102 or SPEE 104		SPEE 102: None; CRIT 103, CRIT 103W, test scores, highly recommended SPEE 104: CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)	
Mathematics		Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> MATH 127 or MATH 150		MATH 127: MATH 101 or test scores MATH 150: MATH 101 or MATH 102 or test scores	
Core Classes		Prerequisites (Minimum Grade of C Required)	
<input type="checkbox"/> BUSI 200		CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)	
<input type="checkbox"/> BUSI 240		Strongly recommended to be taken at the end of the student's program	
<input type="checkbox"/> ISYS 110		None	
<input type="checkbox"/> ISYS 115		None	
<input type="checkbox"/> ISYS 225		ISYS 115	
<input type="checkbox"/> ISYS 227		ISYS 115	
<input type="checkbox"/> ISYS 228		ISYS 227	
<input type="checkbox"/> ISYS 229		ISYS 115	
<input type="checkbox"/> ISYS 241		None	
<input type="checkbox"/> ISYS 251		ISYS 115 and ISYS 241	
<input type="checkbox"/> ISYS 255		BUSI 240 (concurrent enrollment allowed)	
<input type="checkbox"/> ISYS 275		None	
<input type="checkbox"/> ISYS 276		ISYS 115	
<input type="checkbox"/> ISYS 290		None	
<input type="checkbox"/> ISYS 294		ISYS 115; and ISYS 225 or ISYS 227 or ISYS 275	
Program Electives (Choose 2 from 1 Category)		See Course Descriptions for Required Prerequisites	
<i>Database</i>	<i>Support</i>	<i>Networking</i>	<i>Accounting</i>
<input type="checkbox"/> ISYS 182	<input type="checkbox"/> ISYS 200	<input type="checkbox"/> ISYS 215	<input type="checkbox"/> ACCO 201
<input type="checkbox"/> ISYS 215	<input type="checkbox"/> ISYS 201	<input type="checkbox"/> ISYS 271	<input type="checkbox"/> ACCO 202
<input type="checkbox"/> ISYS 234	<input type="checkbox"/> ISYS 215	<input type="checkbox"/> ISYS 281	

First Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
BUSI 200	Small Business Management	3
ENGL 103 or ENGL 103W	Freshman English II or Freshman English II w/ Workshop	3-4
ISYS 110	Intro to Computer Technology	3
ISYS 115	Programming Logic and Design	3
ISYS 241	Web Development I	3
	Total Credits	15-16

Second Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
BUSI 240	Professionalism Workshop	1
ENGL 104	Freshman English III	3
ISYS 275	C#/.NET Programming	3
ISYS 229	Scripting Languages	3
	Program Elective	3-4
SPEE 102 or SPEE 104	Fundamentals of Public Speaking or Intro to Human Communication	3
	Total Credits	16-17

Third Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ISYS 227	JAVA Programming I	3
ISYS 276	Mobile Applications	3
ISYS 294	Software Engineering I	3
	Program Elective	3-4
MATH 127 or MATH 150	College Algebra or Statistics	4
	Total Credits	16-17

Fourth Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ISYS 225	C++ Programming	3
ISYS 251	Web Development II	3
ISYS 255	Internship	3
ISYS 290	Systems Analysis	3
ISYS 228	JAVA Programming II	3
	Total Credits	15

Total Program Credits = 62-65
Courses taken out of sequence may delay a student's ability to complete the program in a timely manner.