Computing and Information Systems (Associate of Applied Science), Application Software Development Concentration

The Associate of Applied Science in Computing and Information Systems provides students with the foundational knowledge necessary to meet entry-level employment needs of the regional labor market that includes Baton Rouge. Students gain knowledge, professional skills, and specialized hands-on technical training to position them for application development opportunities.

To receive this degree, the student must:
- Have a cumulative GPA of 2.00 of higher in all credit hours to be used towards the degree.
- Earn a "C" or better in all courses in the program of study outline below.
- Complete the coursework listed below.

Program Outcomes. Upon successful completion of the program, the graduate will be able to:
1. Use programming techniques, skills, and tools to solve problems in a rapidly changing environment.
2. Communicate effectively with a wide range of audiences by explaining the software development life cycle.
3. Recognize professional, ethical, legal, security, and social issues and responsibilities.
4. Contribute effectively in a team environment to accomplish a common goal.
5. Demonstrate the skills necessary for entry-level employment.

Program of Study

First Semester		Credit Hours
ENGL 1013	English Composition I	3
BIOL 1013	General Biology I	3
MATH 1235	College Algebra & Trigonometry	5
CSCI 2203	Microcomputer Applications in Business	3
CSCI 1923	Introduction to Computers: Programming Logic and Design	3
	Semester Total:	**17**

Second Semester		Credit Hours
CSCI 1933	Software Design and Programming I	3
CSCI 2003	Discrete Structures	3
CSCI 1823	Introduction to Database Design	3
CSCI 1973	Emerging Technology	3
CSCI 1953	Society and Ethics in Computing	3
	Semester Total:	**15**

Third Semester		Credit Hours
CSCI 1943	Software Design and Programming II	3
PSYC 2013	Introduction to Psychology	3
CSCI 2153	Linux/Unix System Programming	3
CSCI 2604	Mobile Application Development	4
HIST 1113	World Civilization to 1500	3

		Semester Total:	16

Fourth Semester			**Credit Hours**
CSCI 2903	Object-Oriented Programming (Java)		**3**
CSCI 2724	Web Programming		**4**
CSCI 2103	Introduction to Data Structures and Algorithms		**3**
CSCI 2783	Systems Analysis and Design		**3**
		Semester Total:	13
		Total Program Credit Hours:	**61**

For more information, contact the Division of Science, Technology, Engineering, and Mathematics (STEM) at 225-216-8226.