Computing and Information Systems (Associate of Applied Science), Cloud Computing Concentration

The Associate of Applied Science in Computing and Information Systems with a Cloud Computing concentration provides students with a strong cloud computing foundation for employment. Students gain technical skills that allows them acquire specialized hands-on training to position them for entry-level cloud computing 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. Identify cloud infrastructure mechanisms such as virtual servers, storage, and usage.
2. Apply current technical tools and methodologies to create cloud solutions.
3. Evaluate cloud computing trends, practices, and products.
4. Discuss emerging and fundamental database concepts and technologies.
5. Communicate effectively with a wide range of audiences.

Program of Study

First Semester		**Credit Hours**
ENGL 1013	English Composition I	**3**
MATH 1113 or MATH 1213, College Algebra		**3**
CSCI 1923	Introduction to Computers: Programming Logic and Design	
CSCI 1953	Society and Ethics in Computing	**3**
HIST 1113	World Civilizations to 1500	**3**
	Semester Total:	**15**

Second Semester		**Credit Hours**
CSCI 1823	Introduction to Database Design	**3**
CSCI 1933	Software Design and Programming I	**3**
CSCI 2113	Cloud Computing Foundations	**3**
CNET 2103	Introduction to Networking	**3**
INTE 1103	Install and Troubleshoot Part I	**3**
	Semester Total:	**15**

Third Semester		**Credit Hours**
CSCI 1993	Advanced Database Storage and Management	**3**
CSCI 1943	Software Design and Programming II	**3**
CSCI 2153	Linux/Unix System Programming	**3**
INTE 1113	Install and Troubleshoot Part II	**3**
PSYC 2013	Introduction to Psychology	**3**
	Semester Total:	**15**

Fourth Semester		**Credit Hours**
CNET 2503	PC and Network Security	**3**
BIOL 1013	General Biology I	**3**
INTE 2013	Windows Server I	**3**
CSCI 2653	Virtual Infrastructure: Installation and Configuration	**3**
CSCI 2783	Systems Analysis and Design	**3**
	Semester Total:	**15**
	Total Program Credit Hours:	**60**

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