Cloud Computing

Explore Catalog Search Courses

Cloud computing is the delivery of different services through the internet, including data storage, servers, databases, networking software, and analytics. Cloud-based storage and collection of big data make it possible to save files to a remote database and retrieve them on demand.

Some of the most recognizable companies that use and offer cloud computing services are Amazon, Apple, Google, and Microsoft.

According to experts, the cloud computing market is positioned to be worth $947 billion by 2026.

The Cloud Computing Program is pending approval by the Southern Association of Colleges and Schools Commission on Colleges.

What Will I Learn?

Students in this program will learn how to create cloud systems from beginning to end. This also includes information technology fundamentals such as computer maintenance, networking, cloud computing, Cybersecurity, and more.

What Can I Do with This Course of Study?

Once certified as a "Level 2 Cloud Practitioner," students can have their pick of careers as cloud engineers, cloud architects, or cloud consultants for various industries.

Cloud Computing Certificate of Completion - CC1

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward
CMPT 1411	Introduction to Computer Maintenance (A+)	CC1
ITNW 1425	Introduction to Networking (N+)	CC1
INTW 1309	Fundamentals of Cloud Computing	CC1
ITSY 1300	Fundamentals of Information Security	CC1
ITNW 2329	Application Development for the Cloud	CC1

Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.

Course	Course Title	Counts Toward
ITSC 1416	Linux Installation and Configuration (Linux +)	CC1
ITNW 1335	Information Storage and Management	CC1
ITSY 1372	Cyber-Psychology and the Effects of Emerging Technology	CC1

Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.

Course	Course Title	Counts Toward
ITSY 1342	Information Technology Security* (Security +)	CC1
ITNW 2427	Advanced Cloud Concepts (Capstone) (Cloud +)	CC1

CAREERS IN CLOUD COMPUTING
My Next Move

Live Chat

Contact Info.

Steven Saunders
Lead Cloud Computing Instructor
stsaunders@lee.edu
832.556.4520

Contact an Advisor/Counselor