

# CLOUD COMPUTING FOUNDATIONS, CERTIFICATE OF TECHNICAL STUDIES

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Nunez Community College launched its Cloud Computing Program in the Spring 2021 Semester. This program is part of a statewide Pilot Program between Amazon Web Services and the Community Colleges of Louisiana signed on by Governor Bel Edwards and will extend to K12 High School Students as well as 4-year Colleges in Louisiana.

The purpose of the program is to train students for the job requirements of Amazon Cloud Services, as well as other Cloud Services Providers, such as Google or Microsoft. Already many users are using Cloud computing Services, such as Google's Gmail or Google Apps, or Microsoft's Office 365 and One Drive.

Currently, Information Technology is implemented either as On Premise (Hardware and Software handled by In-House IT Staff with IT Hardware on Site), Hybrid (Data Storage handled by In-House IT Staff and stored on IT Hardware On Site as well as Backups on Cloud Based Hardware but many services provided by the Cloud– favored by banks and hospitals), or Full Cloud (All Hardware, Storage and IT Services provided by Cloud Service Providers and administered remotely via the Internet).

The Nunez Cloud Computing Program prepares students for all three IT Implementation situations, by offering a curriculum that focuses on a strong On Premise foundation consisting of MS Windows and Linux Desktop and Server Administration, Lan and WAN Networking, as well as IT Security for Systems and Networks. The curriculum then addresses how to apply these skills to Cloud Based Server Administration, Cloud Based Network Administration, and Security Administration for Cloud Based Servers and Networks.

Job Opportunities for Cloud Based Information Technology Professionals are excellent and offer Graduates of the Nunez Community College Cloud Computing Program a great financial future with a high potential for upward mobility.

Code	Title	Hours
<b>Major Courses</b>		
CCOM 1001	Intro to Information Technolog	3
CCOM 1002	PC Hardware and Software Lab	3
CCOM 1004	Intro to Programming&Scripting	3
CCOM 1021	Fund of of AWS Cloud Services	3
CCOM 1023	Intro to Networking	3
CCOM 1027	Windows Client Server 1	3
CCOM 1030	Linux Desktop & Server OS	3
CCOM 1033	Intermediate Networking	3
CCOM 1037	Windows Client Server 2	3
CCOM 1045	Introduction to Security	3
<b>Total Hours</b>		<b>30</b>