CLOUD COMPUTING C.T.S.

The Certificate of Technical Skills in Cloud Computing is designed to provide the foundations for students to understand, use, and provision cloud resources. As cloud computing becomes ever more prevalent in society these skills become ever more necessary. Students will gain competence in general networking and network infrastructure; installation, use, and administration of Operating Systems; Virtualization; fundamental security concepts; and cloud computing concepts, use, and provisioning.

This certificate is mostly a subset of the courses leading to an Associate of Applied Science in Information Technology (either concentration: Network Administration and Security or Programming and Application Development) as well as closely aligned with a BS in Management Information Systems. It is expected that students completing those degrees could complete the certificate with the addition of one or two courses.

Certificate of Technical Studies - Cloud Computing

Summary

Code	Title	Hours
Required Courses		15
Total Hours		**15**

Degree Specific Credits: 15

Required Cumulative GPA: 2.0

Required Courses

Note: Only Mountain Campus College of Business students may register for BMIS 326, BMIS 471, and BMIS 472.

Code	Title	Hours
Complete all of the following courses:		
CSCI 240	Databases and SQL	3
or BMIS 326	Introduction to Data Analytics	
ITS 150	CCNA 1: Exploration	3
ITS 165	Introduction to Operating Systems and the Command Line	3
or BMIS 471	Fundamentals of Network & Security Management	
ITS 212	Network OS - Server Administration	3
or BMIS 472	Advanced Network & Security Management	
ITS 279	Cloud Systems	3
Total Hours		**15**

Minimum Required Grade: C-