



DEGREE	Certificate of Technical Skills
CONCENTRATION:	Cloud Computing

Student ID (790):			
Student Name:			
Advisor Name:		Credits Required:	63-64

FALL SEMESTER				
COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
CSCI 240 or BMIS 326	Databases and SQL or Intro to Data Analytics	3		Missoula College students take CSCI 240 & College of Business Students take BMIS 326
ITS 150	CCNA 1: Exploration	3		
ITS 165 or BMIS 471	Intro to Operating Systems and the Command Line or Fundamentals of Network & Security Management	3		Missoula College students take IT 165 & College of Business Students take BMIS 471
ITS 212 or BMIS 472	Network OS - Server Administration or Advanced Network & Security Management	3		Missoula College students take ITS 212 & College of Business Students take BMIS 472
	TOTAL CREDITS	12		

SPRING SEMESTER				
COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
ITS 279	Cloud Systems	3		
	TOTAL CREDITS	3		

PROGRAM INFORMATION

The Certificate of Technical Studies 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.

CAREER OPPORTUNITIES

This certificate is a great stepping stone into the Associate of Applied Science Degree in Information Technology and Cybersecurity. With the completion of this certificate, students will be AWS certified which helps validates cloud expertise to help professionals highlight in-demand skills and organizations build effective, innovative teams for cloud initiatives using AWS. Positions in this field include cloud architects, cloud developers, cloud system administrators, cloud devOps engineers, and cloud consultants.