Cloud Computing Certificate

The **Cloud Computing Certificate** is offered by Mason's Volgenau School of Engineering. The Cloud Computing Certificate provides a solid foundation for cloud services management from one of the Nation's leading faculty in cloud computing.

Overview

This certificate is designed for those who want to advance in the rapidly expanding cloud computing field. Course participants will learn to:

- Securely manage and access cloud environments
- Optimize different services by understanding cloud-based solutions
- Explore best practices for designing patterns for architecting optimal IT solutions on cloud
- Address cloud architecture challenges, use the serverless framework, deploy and test serverless application on a cloud platform
- Operate commonly utilized security services
- Apply virtual firewall rules and network access control lists

Program Details

DELIVERY: Online (asynchronous, self-guided)

START DATE: October 5th

Designed for those in the fields below, as well as those aspiring toward these roles:

- Operational Support Engineer
- Cloud Systems integrator
- Cloud Developer
- DevOps Engineer
- Cloud Solutions Architect
- Cloud SysOps Admin
- Cloud Security Architect
- Cloud Risk Assessment Professional

Successful participants will earn a Certificate (Digital Credential) equivalent to 15 CEUs upon completion of the five (5) courses:

- Cloud Infrastructure
- Cloud Services Management
- Application Development in Cloud
- Cloud Security Fundamentals
- Amazon Web Services Cloud Security

You will review all topics associated with the following AWS certification exams:

- AWS Certified Cloud
- AWS Certified Solutions Architect
- AWS Certified Developer – Associate
- AWS Certified Security – Specialty