

J. Sargeant Reynolds Community College  
Course Content Summary

Course Prefix and Number: ITN 257 Credits: 3

Course Title: Cloud Computing: Infrastructure and Services

Course Description :

Focuses on cloud infrastructure, deployment, security models, and the key considerations in migrating to cloud computing. Covers the technologies and processes required to build traditional, virtualized, and cloud data center environments, including computation, storage, networking, desktop and application virtualization, business continuity, security, and management. Prerequisite: ITN 101 or school approval. Lecture 3 hours. Total 3 hours per week. 3 credits

General Course Purpose:

This course provides a comprehensive foundation in cloud computing concepts and technologies. Students will learn the fundamentals of cloud computing using Amazon Web Services and Microsoft Azure.

Course Prerequisites and Co- requisites:

Prerequisite: ITN 101 or school approval

Student Learning Outcomes:

Upon completing the cour