

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: ITN 298 **Credits:** 4

Course Title: Seminar and Project: Networking Capstone

Course Description:

Covers the use of advanced concepts and utilities with current network operating systems. Includes administrator duties, such as server organization, permissions and rights, and client side issues, such as configuration, troubleshooting, and installation of applications.

Prerequisites: ITN 101 and ITN 260 or school approval. Lecture 4 hours per week.

General Course Purpose:

Serves as the capstone course requirement for students in the Cyber Security Career Studies Certificate or the Cloud Career Studies Certificate in the Information Systems Technology program.

Course Prerequisites and Co-requisites:

Prerequisites: ITN 101 and ITN 260 or school approval

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Manage and secure a computer network using tools and commands;
- Deploy and test client and server roles and features;
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