

CLASS NUMBER AND NAME:	CSN219—Windows Server Applications Infrastructure
TOTAL HOURS/ UNITS:	72 HOURS/5.0 UNITS
PREREQUISITES:	CSN205—Windows Server
TEXTS AND MATERIALS:	<i>Designing and Implementing a Server Infrastructure-</i> Microsoft 70-413 (Patrick Regan and Garret Stevens John Wiley & Sons Inc, 2014) <i>Designing and Implementing a Server Infrastructure- Lab Manual</i> Microsoft 70-413 (Patrick Regan and Garret Stevens John Wiley & Sons Inc, 2014) (ISBN 9781118918890)
CLASS DESCRIPTION:	A combination of lecture, lab exercises, and hands-on training introducing the student to key concepts of the Windows Network Applications Infrastructure. Students will design and configure Microsoft Windows Servers perform automated installs, upgrades and migrations, and remote access.
CLASS OBJECTIVES:	A combination of lecture, lab exercises, and hands-on training introducing the student to key concepts of the Windows Applications Infrastructure.
CLASS FORMAT OVERVIEW:	This class is a combination of lecture and lab. Time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the material and ¼ hour outside of class for each hour of structured lab time.
METHODS OF INSTRUCTION:	As lecture and lab are the principal means of instruction, it will be expected that all students will be present every day to take part in class.
ATTENDANCE:	It is expected that each student will be in class <u>when class begins</u> . Should the student arrive more than <u>ten minutes late</u> they should notify the instructor of their presence, it will be up to the instructor to decide if the student has arrived in time to be counted as present- the instructor's decision is final. <u>80% attendance is mandatory</u> It will be the student's responsibility to learn of any assignments given in class when absent.
TESTING:	Quizzes will be given throughout the mod as well as a cumulative final exam. All quizzes, examinations, exercises

and homework must be satisfactorily completed with a passing grade of 60% or better in order to pass the course.

LATE TESTING:

Late testing is only allowed at the instructor's discretion.

GRADING POLICIES:

The grading system is comprised of attendance, assignments, weekly tests and an end-of-module final and will be graded on the following scale:

Homework, tests and final

Attendance	10%
Homework	20%
Weekly Exams	45%
Final Exam	<u>25%</u>
Module total	100%

Combined grades from attendance, assignments, weekly tests and end-of-module final will be graded on the following scale:

(90 – 100%)	= A
(80 – 89%)	= B
(70 – 79%)	= C
(60 – 69%)	= D
Below 59%	= F

ANTICIPATED LEARNING
OUTCOMES:

With diligence, hard work, and successful completion of this course, the student will be able to do the following in a Windows 2008 environment:

1. Plan and manage an Enterprise Application Server Deployment.
2. Deploy and configuring an automated Server installation.
3. Planning and Deploying server upgrades and migrations.
4. Planning and deploying virtual machines.
5. Configuring and managing DHCP, DNS, VPN and Direct access.
6. Securing IIS services
7. Deploy Web Applications
8. Designing Forest and Domain infrastructure.
9. Designing Sites, Group policy and permissions
10. Clustering Servers.

6 Week Tentative Schedule

CSN219

Week 1

Chapters 1,2,3

Test

Homework due

Week 2

Chapters 4,5,6,7

Test

Homework due

Week 3

Chapters 8,9,10,11

Test

Homework due

Week 4

Chapters 12,13,14,

Test

Homework due

Week 5

Chapters 15,16,17

Test

Homework due

Week 6

Chapter 18,19,20

Final

Homework due

