

CLASS NUMBER AND NAME:	<b>CSN205—Windows Server</b>
TOTAL HOURS/ UNITS:	72 HOURS/5.0 UNITS
PREREQUISITES:	CSN212-Windows Server Network Infrastructure and CSN218-Windows Server Active Directory
TEXTS AND MATERIALS:	<i>Configuring Advanced Windows Server 2012 R2 Services Exam 70-412</i> (Patrick Regan, John Wiley & Sons Inc, 2014) <i>Configuring Advanced Windows Server 2012 R2Services Exam 70-412– Lab Manual</i> (Patrick Regan, John Wiley & Sons Inc, 2014) (ISBN 9781118882993)
CLASS DESCRIPTION:	An instructor-led class and lab introducing the student to Microsoft Windows Server focusing on clustering, storage and backups, fault tolerance and certificates services.
CLASS OBJECTIVES:	To provide the student with a fundamental knowledge of Microsoft Server in a networking environment. Students will configure network load balancing, failover clustering, virtual machines and Dynamic Access control. Backup planning and disaster recovery methods will be emphasized. Students will plan and implement domains, sites and trusts.
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.  <b><u>80% attendance is mandatory</u></b>  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	20%
Homework	20%
Weekly Exams	40%
Final Exam	<u>20%</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:

Upon completing the course, student will have the knowledge and understanding of the following:

1. Configure Network Load Balancing and Failover Clusters
2. Understanding global catalog and flexible single master operations roles
3. Install, Configure, Manage, Monitor and Troubleshoot DNS for Active Directory.
4. Install, Configure, Manage, Monitor, Optimize, and Troubleshoot Change and Configuration Management.
5. Manage, Monitor and Optimize the components of Active Directory.
6. Configure, Manage, Monitor and Troubleshoot Active Directory Security Solutions.
7. Managing system backup and disaster recovery.
8. Installing and configuring Active Directory Certificate Services.

**6 Week Tentative Schedule**

**CSN205**

**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

Test

Homework due

**Week 4**

Chapters 11, 12, 13 & 14

Test

Homework due

**Week 5**

Chapters 15, 16, 17 & 18

Test

Homework due

**Week 6**

Chapter 19, 20 & 21

Final

Homework due