

CLASS NUMBER AND NAME:	<b>CSN231- Enterprise Administrator</b>
TOTAL HOURS/ UNITS:	72 HOURS/5.0 UNITS
PREREQUISITES:	CSN205— Windows Server
TEXTS AND MATERIALS:	<i>Implementing an Advanced Server Infrastructure</i> , Patrick Regan, Wiley, 2015 (ISBN 9781118789506)
CLASS DESCRIPTION:	An instructor led class introducing the student to Windows Server 2012 enterprise administration emphasizing on planning networks and application services, business continuity and disaster recovery plans, Active Directory Digital Rights Management Services, Public Key Infrastructure and virtualization.
CLASS OBJECTIVES:	To provide the student with the knowledge to administer the enterprise in a Windows 2012 environment.
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:	<b><u>Late testing is only allowed at the instructor's discretion.</u></b>

**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	Maximum Possible
Attendance	15%
Homework	25%
Weekly Exams	35%
Final	<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
- 50% and below = F

**ANTICIPATED LEARNING OUTCOMES:**

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

- 1.Designing an Administrative Model
- 2.Designing a monitoring strategy
- 3.Planning and implementing automated remediation and failover clustering
- 4.Planning and implementing highly available network services, storage solutions, and roles for business continuity and disaster recovery
- 5.Planning and implementing virtualization.
- 6.Designing and maintaining a certificate infrastructure
- 7.Designing and maintaining a Federated Identity Solutions
- 8.Designing and implementing Active directory Rights Management Services

**6 Week Tentative Schedule**

**CSN231**

**Week 1**

Chapters 1,2 and 3

**Week 2**

Chapters 4,5,6,7

**Week 3**

Chapters 8,9,10

Test

Homework and labs due

**Week 4**

Chapters 11,12,13

**Week 5**

Chapters 14,15,16

**Week 6**

Chapter 17,18,19

Final

Homework due

