MASTER SYLLABUS
2019-2020

A. Academic Division: Business, Industry, and Technology

B. Discipline: Information Technology - Networking

C. Course Number and Title: ITEC2670 – Administering Windows Server

D. Course Coordinator: Jesse Payne
    Assistant Dean: Toni Johnson, PhD

    Instructor Information:
    - Name: Click here to enter text.
    - Office Location: Click here to enter text.
    - Office Hours: Click here to enter text.
    - Phone Number: Click here to enter text.
    - E-Mail Address   Click here to enter text.

E. Credit Hours: 3
    Lecture: 2 hours
    Laboratory: 2 hours

F. Prerequisites: ITEC2610 (minimum grade of C- required)

G. Syllabus Effective Date: Fall 2019

H. Textbook(s) Title:

    Server Pro 2016: Identify
    - Author: Testout
    - ISBN: 9781935080688

I. Workbook(s) and/or Lab Manual:

J. Course Description: This course provides students with the knowledge and skills necessary to administer Windows servers in an enterprise environment. Successful completion of this course validates the student's ability to implement and administer a Windows Server infrastructure. This course prepares students for Microsoft's 70-742 certification exam: Identity with Windows Server 2016

K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L.   Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Install and configure Active Directory Domain Services (AD DS)	Weeks 1-4 tests, labs, midterm/final exam
2. Create and manage Active Directory users, computers, groups, and organizational units (OUs)	Weeks 1-4 tests, labs, midterm/final exam
3. Configure Active Directory in a complex enterprise	Weeks 5-7 tests, labs, midterm/final exam
4. Create and manage Group Policy objects (GPOs)	Weeks 8-11 tests, labs, final exam
5. Configure Group Policy processing	Weeks 8-11 tests, labs, final exam
6. Configure Group Policy settings	Weeks 8-11 tests, labs, final exam
7. Install and configure Active Directory Certificate Services (AD CS)	Weeks 12-13 tests, labs, final exam
8. Install and configure Identity Federation and Access solutions	Weeks 14-15 tests, labs, final exam

M.   Topical Timeline (Subject to Change):

Weeks 1-4: Install and configure Active Directory Domain Services (AD DS) (20-25%)
   a.   Install and configure domain controllers
   b.   Create and manage Active Directory users and computers
   c.   Create and manage Active Directory groups and organizational units (OUs)

Weeks 5-7: Manage and Maintain AD DS (15-20%)
   a.   Configure service authentication and account policies
   b.   Maintain Active Directory
   c.   Configure Active Directory in a complex enterprise environment

Weeks 8-11: Create and Manage Group Policy (25-30%)
   a.   Create and manage Group Policy Objects (GPOs)
   b.   Configure Group Policy processing
   c.   Configure Group Policy settings
   d.   Configure Group Policy preferences

Weeks 12-13: Implement Active Directory Certificate Services (AD CS) (10-15%)
   a.   Install and configure AD CS
   b.   Manage certificates

Weeks 14-15: Implement Identity Federation and Access Solutions (15-20%)
   a.   Install and configure Active Directory Federation Services
   b.   Implement Web Application Proxy (WAP)
   c.   Install and configure Active Directory Rights Management Services (AD RMS)

N.   Course Assignments:

1.   Tests
2.   Labs
3.   Midterm Exam
4.   Final Exam
5.   Final Project (optional)

O.　　Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93–100	A	4.00	Superior
90–92	A-	3.67	Superior
87–89	B+	3.33	Above Average
83–86	B	3.00	Above Average
80–82	B-	2.67	Above Average
77–79	C+	2.33	Average
73–76	C	2.00	Average
70-72	C-	1.67	Below Average
67–69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Poor
00-59	F	0.00	Failure

P.　　Grading and Testing Guidelines:

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Q.　　Examination Policy:

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R.　　Class Attendance and Homework Make-Up Policy:

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S.　　Classroom Expectations:

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T.　　College Procedures/Policies:

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS %20SUPPLEMENT.pdf

The information can also be found Choose an item.