

Implmnting and Supptng Servers

ITNW-1354

Spring 2019 Section 363 CRN-24174 3 Credits 01/14/2019 to 05/09/2019 Modified 01/24/2019

Meeting Times

Discussion and Labs

Tuesday, Thursday, 10:00 AM to 11:50 AM, Student Center F-241

Contact Information

Instructor: Ms. Kelli Adam, M.S.

Email: kelli.adam@blinn.edu

Office: Student Center F-241

Phone: 979-324-8985

Office Hours

Tuesday, Thursday, 12:00 PM to 12:30 PM

Description

Implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment.

3 lecture hours and 1 lab hour per week; 64 total contact hours. Credit: 3 semester hours.

Requisites

Prerequisites: ITNW 1325 and ITSC 1325 with a grade of "C" or better or approval of the Dean or designee

Core Curriculum Statement

This course is not a core curriculum course.

Outcomes

Upon successful completion of this course, students will:

1. Configure peripherals and devices
2. Setup servers
3. Configure directory replication
4. Manage licensing
5. Create and manage system policies and profiles
6. Administer remote servers and disk resources
7. Create and share resources
8. Implement fault-tolerance

9. Create and configure servers for interoperability
10. Install and configure Remote Access Service (RAS)
11. Identify and monitor performance bottlenecks and resolve configuration problems

Materials

Posted online in eCampus

Flash Drive

USB Flash Thumb Drive

Course Requirements

Students should maintain at least a 70% average on all course work.

Evaluation

Type	Weight	Topic	Notes
Exams	30%		Three major exams
Exams	10%		Comprehensive final exam
Labs	40%		Both client and server OS
Term Paper	10%		Evaluation of selected OS feature
Class Participation	10%		Daily contributions to discussion and labs

Breakdown

- A [90, 100] Exceptional knowledge of the material covered
- B [80,90] Above average knowledge of the material covered
- C [70,80] Average knowledge of the material covered
- D [60,70] Less than average knowledge of the material covered
- F [0,60] Very little knowledge of the material covered

Blinn College Policies

All policies, guidelines, and procedures in the [Blinn College Catalog \(http://catalog.blinn.edu/\)](http://catalog.blinn.edu/), [Blinn College Board Policies \(http://pol.tasb.org/Home/Index/1204\)](http://pol.tasb.org/Home/Index/1204), and the [Blinn College Administrative Regulations \(https://www.blinn.edu/administrative-regulations/\)](https://www.blinn.edu/administrative-regulations/) are applicable to this course.

[Specific information on civility, attendance, add/drop, scholastic integrity, students with disabilities, final grade appeal, alternative retailers, campus carry and proctoring arrangements and cost. \(http://www.blinn.edu/syllabus-policies/\)](http://www.blinn.edu/syllabus-policies/)

Notice of any action taken under these protocol and procedures, by Blinn College or its employees, may be delivered by hand, through the U.S. Postal Service, or electronically to the student's Blinn Buc e-mail account. Notice shall be deemed received upon actual receipt, on deposit in the U.S. Mail, or upon entering the information processing system used by Blinn College for Blinn Buc e-mail accounts, whichever first occurs.

* Course Policies

[Student Email, Exam Review Procedures, Deadlines for Assignments and Labs, Reading and Research, Lab Hours and Decorum, Removable Hard Drives, Professional Disclaimer, and Learning Activities are found here.](#)

Make-up Policy

The instructor has the option, but not the requirement, to reschedule a missed exam or quiz. Also the instructor for good reason, can allow late submission of assignments and labs. Students must explain the circumstances and reasons for any make-up.

Schedule

Week	Date	Class Details	Contact Hours
1	Tue Jan 15	Course Syllabus, Assignment 0	4
	Thur Jan 17	Part 1: Windows 10	
2	Tue Jan 22	Windows 10 Configuration	4
	Thur Jan 24	Windows 10 Applications	
3	Tue Jan 29	Windows 10 Disks and Devices	4
	Thur Jan 31	Windows 10 Network Connectivity	
4	Tue Feb 05	Windows 10 Security and Maintenance; EXAM 1	4
	Thur Feb 07	Part 2, Lesson 1: Install Windows Server 2016	
5	Tue Feb 12	Lesson 1 cont.	4
	Thur Feb 14	Lesson 1 cont.	
6	Tue Feb 19	Lesson 2: Implement Storage Solutions	4
	Thur Feb 21	Lesson 2 cont.	
7	Tue Feb 26	Lesson 2 cont.	4
	Thur Feb 28	Lesson 3: Implement Hyper-V	
8	Tue Mar 05	Lesson 3 cont.	4

	Thur Mar 07	Lesson 3 cont.; EXAM 2	
x	Tue Mar 12	<i>Spring Break – No School</i>	0
	Thur Mar 14	<i>Spring Break – No School</i>	
9	Tue Mar 19	Project Intro	4
	Thur Mar 21	Lesson 4: Implement Windows Components	
10	Tue Mar 26	Lesson 4 cont.	4
	Thur Mar 28	Lesson 4 cont.	
11	Tue Apr 02	Lesson 5: Implement High Availability	4
	Thur Apr 04	Lesson 5 cont.	
12	Tue Apr 09	Lesson 5 cont.	4
	Thur Apr 11	Lesson 5 cont.	
13	Tue Apr 16	Lesson 6: Maintain Server Environments	4
	Thur Apr 18	Lesson 6 cont.	
14	Tue Apr 23	Lesson 6 cont.	4
	Thur Apr 25	Lab Day; EXAM 3	
15	Tue Apr 30	Course Project Presentations	4
	Thur May 02	Course Review	
16	Tue May 08	FINAL EXAM 10:15am-12:30pm	4