

Ziko Rizk
CS240B - Microsoft Windows Server 2019
Spring 2022 Syllabus

Email: rizkz@linnbenton.edu	Class Room: Virtual
Office: MKH-110	Class Day/Time: Online MW at 12:30 pm
	Office Hours: Online (request meeting)

Course Description and Objectives:

The second of two courses in the administration of Microsoft Windows® client/server networked operating systems (NOS). The courses CS 240A and CS 240B are laboratory-intensive courses that provide hands-on experience in the planning, installation, and administration of Microsoft Windows® client/server networks. The two courses provide partial preparation for the MCSA® and MCSE® exams.

Prerequisites:

CIS 151 Networking Essentials, CS 140U Fundamentals of UNIX/Linux, or CS 140M Operating Systems: Microsoft, CS 240A Windows Server, all with a minimum "C" grade.

Required Course Materials:

- 1) NOTE: This course does not use a textbook.
- 2) Weekly material provided in the Moodle LMS (Learning Management Systems).

Learner Outcomes:

- 1) Design, build and test Active Directory Domain Service
- 2) Plan, build and test Group Policy Objects
- 3) Plan, build and test Hyper-V services
- 4) Develop and test centralized Security Policies
- 5) Explain, configure and test firewall settings, rules & filters
- 6) Scope, research, develop, test, and present the capstone project.

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Grades:

Quizzes/Assignments/Exams	Weight	
8 Assignments.	60%	
Class project	40%	
Grades: A grade of “C” or higher is considered passing.	A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: < 60%	P: $\geq 70\%$ NP: $< 70\%$

Instructor and Student Responsibilities:

Instructor Responsibilities	Student Responsibilities
I commit to starting all classes on time.	You agree to attend all classes and to comply with college code of conduct.
I commit to showing up to class prepared.	You agree to actively participate in class discussions and exercises.
I commit to balancing class time between lecture and hands-on exercises.	You agree to spend an average of 4 hours per week on readings and assignments outside of class (see Moodle for details).
I commit to holding published office hours.	You agree to complete all readings and course assignments on time (due on Sunday night).
I commit to responding to your email within 24 hours (no voice mail please).	You agree to collaborate professionally with fellow students on the class project.
I commit to grading assignments within 3 days (after due date).	
If I'm unable to come to a class, I commit to doing my best to find a substitute instructor while keeping you up-to-date.	

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Academic Honesty:

Helping, or being helped by, another student during an exam will be considered a breach of academic honesty and is grounds for receiving a zero grade and/or failing the course among other possible remedies.

Classroom Conduct:

- 1) Please silence cell phones and do not use during class.
- 2) Please do not bring other electronic devices to class including laptops, iPods, iPads, etc.
- 3) No food or drink in the classroom.
- 4) Please respect the learning environment of others and keep distractions to a minimum.

LBCC Center for Accessibility Resources:

Students who may need accommodations due to documented disabilities, or who have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor during the first week of class. If you believe you may need accommodations, but are not yet registered with CFAR, please go to <http://linnbenton.edu/cfar> for steps on how to apply for services or call 541-917-4789.

LBCC Comprehensive Statement of Nondiscrimination:

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information see Board Policy P1015 in our Board Policies and Administrative Rules. Title II, IX, & Section 504: Scott Rolen, CC-108, 541-917-4425; Lynne Cox, T-107B, 541-917-4806, LBCC, Albany, Oregon. To report: linnbenton-advocate.symplicity.com/public-report.

LBCC Statement of Inclusion:

The LBCC community is enriched by diversity. Each individual has worth and makes contributions to create that diversity at the college. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill (related to Board Policy #1015).

Sample Brief Basic Needs Syllabus Statement:

Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support (resources@linnbenton.edu), or visit us on the web www.linnbenton.edu/RRC under Student Support for Current Students). Our office can help students get connected to resources to help. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.

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Course Schedule

Week	Activity	Due
Week-1 Mar 28	<ul style="list-style-type: none"> ➤ Welcome, introductions, scope & set clear expectations ➤ Week-1 Scope = TCP/IP Review + Install Windows Server. ➤ Week-1 assignment 	Apr 3 @ 11:55 pm
Week-2 Apr 4	<ul style="list-style-type: none"> ➤ Week-2 Scope = DNS and Domain Controller. ➤ Week-2 assignment 	Apr 10 @ 11:55 pm
Week-3 Apr 11	<ul style="list-style-type: none"> ➤ Week-3 Scope = Advanced Domain Controller Configuration. ➤ Week-3 assignment 	Apr 17 @ 11:55 pm
Week-4 Apr 18	<ul style="list-style-type: none"> ➤ Week-4 Scope = Configure and Manager Group Policy Objects (GPOs). ➤ Week-4 assignment 	Apr 24 @ 11:55 pm
Week-5 Apr 25	<ul style="list-style-type: none"> ➤ Week-5 Scope = Configure Servers for Remote Management and VMs. ➤ Week-5 assignment 	May 1 @ 11:55 pm
Week-6 May 2	<ul style="list-style-type: none"> ➤ NOTE: no Midterm Exam. 	May 8 @ 11:55 pm
Week-7 May 9	<ul style="list-style-type: none"> ➤ Week-7 Scope = Configure Security Policies. ➤ Week-7 Assignment 	May 15 @ 11:55 pm
Week-8 May 16	<ul style="list-style-type: none"> ➤ Week-8 Scope = Configure Application Restriction Policies. ➤ Week-8 assignment 	May 22 @ 11:55 pm
Week-9 May 23	<ul style="list-style-type: none"> ➤ Week-9 Scope = Configure Windows Firewall. ➤ Week-9 assignment 	May 29 @ 11:55 pm
Week-10 May 30	<p style="text-align: center; color: blue;">*** Monday, May 30 is Memorial Day = Holiday ***</p> <ul style="list-style-type: none"> ➤ Finalize work on class project and upload. ➤ NOTE: No Final Exam. 	June 5 @ 11:55 pm

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Week-11 June 6	<ul style="list-style-type: none">➤ Pizza lunch @ noon? Depends on Covid-19 status➤ Project Presentations on Wed, June 8 @ 1:00 pm	
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