

**Linn-Benton Community College**  
**CS240A - Microsoft Windows Server 2016**  
**Winter 2019 Syllabus - Ziko Rizk**

<b>Email:</b> rizkz@linnbenton.edu	<b>Class Room:</b> MKH-105
<b>Office:</b> MKH-110	<b>Class Day/Time:</b> TH @ 8:00 am
<b>Phone:</b> 541-715-4273	<b>Office Hours:</b> T/TH @ noon

**Course Description and Objectives:**

The first of two courses in the administration of Microsoft Windows® client/server networked operating systems. 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, all with a minimum "C" grade.

**Required Course Materials:**

- 1) USB thumb drive with a minimum capacity of 4GB.
- 2) NOTE: This course does not use a textbook.

**Learner Outcomes:**

- 1) Summarize the primary Windows Server 2016 Roles, Features & Service
- 2) Explain, build and test Active Directory Domain Services
- 3) Contrast the pros and cons of the different Active Directory groups
- 4) Design, create and test Group Policy Objects
- 5) Explain, build and test VMs using Hyper-V.

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**Grades:**

Quizzes/Assignments/Exams	Weight	
9 Assignments – drop lowest assignment.	50%	
Midterm Exam	20%	
Class project	20%	
Participation (2% points for each day missed).	10%	
<b>TOTAL</b>	<b>100%</b>	
<b>Grades:</b> 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, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws.

**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).

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Week	Activity	Due
Week-1 Jan 7	<ul style="list-style-type: none"> <li>➤ Welcome, introductions, scope &amp; set clear expectations</li> <li>➤ Week-1 Scope = TCP/IP Review + Install Windows Server.</li> <li>➤ <b>Week-1 assignment</b></li> </ul>	Jan 13 @ 11:55 pm
Week-2 Jan 14	<ul style="list-style-type: none"> <li>➤ Week-2 Scope = Finish Windows Server installation and configuration.</li> <li>➤ <b>Week-2 assignment</b></li> </ul>	Jan 20 @ 11:55 pm
Week-3 Jan 21	<p style="text-align: center;">*** Monday Jan 21 is MLK Day = Holiday ***</p> <ul style="list-style-type: none"> <li>➤ Week-3 Scope = DNS (needed for Domain Controller installation)</li> <li>➤ <b>Week-3 assignment</b></li> </ul>	Jan 27 @ 11:55 pm
Week-4 Jan 28	<ul style="list-style-type: none"> <li>➤ Week-4 Scope = Active Directory (AD) Domain Controllers (DC)</li> <li>➤ <b>Week-4 assignment</b></li> </ul>	Feb 3 @ 11:55 pm
Week-5 Feb 4	<ul style="list-style-type: none"> <li>➤ Week-5 Scope = AD Users, Computers, Groups &amp; OUs</li> <li>➤ <b>Week-5 assignment</b></li> </ul>	Feb 10 @ 11:55 pm
Week-6 Feb 11	<ul style="list-style-type: none"> <li>➤ Week-6 Scope = Complete Labs &amp; prep for Midterm Exam</li> <li>➤ <b>Midterm Exam on Thurs, Feb 16 @ 10:00 am (must be in class)</b></li> </ul>	Feb 17 @ 11:55 pm
Week-7 Feb 18	<p style="text-align: center;">*** Monday Feb 18 is Presidents Day = Holiday ***</p> <ul style="list-style-type: none"> <li>➤ Week-7 Scope = Group Policy and GPOs</li> <li>➤ <b>Week-7 assignment</b></li> </ul>	Feb 24 @ 11:55 pm
Week-8 Feb 25	<ul style="list-style-type: none"> <li>➤ Week-8 Scope = Finish Group Policy/GPOs &amp; Storage</li> <li>➤ <b>Week-8 assignment</b></li> </ul>	Mar 3 @ 11:55 pm
Week-9 Mar 4	<ul style="list-style-type: none"> <li>➤ Week-9 Scope = File and Share Access and Print and Document Services</li> <li>➤ <b>Week-9 assignment</b></li> </ul>	Mar 10 @ 11:55 pm
Week-10 Mar 11	<ul style="list-style-type: none"> <li>➤ Week-10 Scope = Configuring VMs and Configuring VM Storage</li> <li>➤ <b>Week-10 assignment</b></li> </ul>	Mar 17 @ 11:55 pm

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Week-11 Mar 18	<p>➤ Team Project Presentations on Tues, Mar 19 @ 7:30 am (must be in class!)</p> <p>➤ <b>NOTE: No Final Exam.</b></p>	
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