

SADDLEBACK COLLEGE
BUSINESS SCIENCE DIVISION
COURSE SYLLABUS
CIMN-220C MCSE CERTIFICATION EXAM PREP III (On-Line)

Instructor: Steve J. Korper	03/26/18 through 05/23/18
E-Mail: skorper@saddleback.edu	Semester: Spring 2018
Office: BGS-221	Ticket No: 15700G
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Office Phone: (949) 582-4596	https://saddleback.blackboard.com/
Office Hours: Virtual (E-Mail) 09:00PM to 10:00PM Every Day.	

COURSE DESCRIPTION:

MCSE Exam 70-412. Covers Configuring Advanced Windows Server 2012 Services through simulations, practice tests, and feedback (formerly CIM 292C).

COURSE OBJECTIVES:

Upon completion of this course, the student will be able to:

- 1.) Configure advanced features for Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and configure IP Address Management (IPAM) with Windows Server 2012.
- 2.) Configure and manage iSCSI, BranchCache and FSRM.
- 3.) Configure DAC to manage and audit access to shared files.
- 4.) Plan and implement an AD DS deployment that includes multiple domains and forests.
- 5.) Plan and implement an AD DS deployment that includes locations.
- 6.) Implement and configure an Active Directory Certificate Services (AD CS) deployment.
- 7.) Implement an AD RMS deployment.
- 8.) Implement an AD FS deployment.
- 9.) Provide high availability and load balancing for web-based applications by implementing Network Load Balancing (NLB).
- 10.) Implement and validate high availability and load balancing for web-based applications by implementing NLB.
- 11.) Provide high availability for network services and applications by implementing failover clustering.
- 12.) Implement a failover cluster, and configure and validate a highly available network service.
- 13.) Deploy and manage Hyper-V virtual machines in a failover cluster.
- 14.) Implement a backup and disaster recovery solution based on business and technical requirements.

STUDENT LEARNING OUTCOMES:

Students will be able to:

1. Backup a Server
2. Enable Shadow Copies
3. Migrate a Virtual Machine

STUDENT RESOURCES:

E-Book: Exam Number: 70-412; Windows Server Pro: Advanced Services LabSim; ISBN# 978-1-935080-51-0; To purchase the E-Book for \$117.00, log into Blackboard for your “Promotion Code” and then go to www.testout.com; also available in the Saddleback College Bookstore.

POLICIES AND PROCEDURES:

- 1.) Courteous and proper behavior is expected and required in this class.
- 2.) Academic Dishonesty: Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper or project; failure in course; and or expulsion from the College. For more information refer to the “Code of Conduct” policy in the Saddleback College Student Handbook (available online at <http://www.saddleback.edu/media/pdf/handbook.pdf>).

For this class, it is permissible to assist classmates in general discussions. General advice and interaction are encouraged. HOWEVER, each student must develop his or her own solutions to all assigned work. In other words, students may **NOT** “work together or help each other” on any Graded Work.

REGULAR EFFECTIVE CONTACT:

Regular Effective Contact shall be via the Discussion Board in the class Blackboard site with a minimum of two (2) weekly discussion posts.

ASSIGNMENTS AND TESTS:

Reading assignments are required each week. Quizzes are to be completed each week according to the class schedule. All testing will consist of a combination of multiple-choice, true/false, and short-answer. LATE work will NOT be accepted. MISSED quizzes CANNOT be made up.

E-Mail:

Every student is assigned a college e-mail account and pin number (password). **Do not** change your e-mail address. If you prefer to receive e-mail at another address, go to <http://www.saddleback.edu> and then to MySite, select “E-mail” and follow the instructions under “Account Information” to automatically **forward** your messages to the address of your choice.

ACCESS TO BLACKBOARD (SADDLEBACK’S ONLINE PORTAL):

Go online to <http://socccd.blackboard.com> , click on “Logon.” Your user name and password is the same as your e-mail. If you have a problem, a link to the Blackboard Help Desk and a toll free number are listed to the right of the login. If you have additional questions or problems, go to <http://www.saddleback.edu/de/help1.html> for the Student Technical Support site.

STUDENTS RESPONSIBILITY:

It is the STUDENTS RESPONSIBILITY to officially withdraw (DROP) from the class by the appropriate date.

GRADING:

Final grades will be determined on an exact percentage scale; there will be no deviation from this scale.

90-100%	=A	90%-Quizzes
80-89%	=B	10%-Discussion board posts
70-79%	=C	
60-69%	=D	
Below 60%	=F	

Final grade percentage is determined through a weighted average of the exams and discussion board. Students having the course PASS/NO PASS must receive 70% or above for a passing grade.

STUDENTS WITH DISABILITIES:

If you need course adaptations or accommodations because of a disability or if you need special arrangements, please contact me as soon as possible. Contact Disabled Student Services to register and verify your disability: Telephone 582-4885 (voice) or 582-4833 (TDD).

This course meets the requirements set forth in the accessibility checklist and universal design grid provided by Special Services. The Web pages, video presentations, textbooks and class materials in this course are accessible to students with disabilities.

IMPORTANT DATES:

First Week of Class Begins:	Monday, 3/26/2018
Add without Instructor Permission by:	Sunday, 3/25/2018
Last Day to Add with APC*:	Wednesday, 4/4/2018
Drop with Refund by:	Friday, 3/30/2018
Elect Pass/No Pass by:	Wednesday,

4/11/2018
 Drop without 'W' Grade by: Wednesday,
 4/4/2018
 Drop with 'W' Grade by: Wednesday,
 5/2/2018
 Last Week of Class Ends: Wednesday,
 5/23/2018

THIS COURSE SCHEDULE IS SUBJECT TO CHANGE AND MAY BE MODIFIED.

COURSE SCHEDULE

<u>Week</u>	<u>Activity</u>
1	Complete Chapter 1 Exams (Practice Questions) Post and Participate in Discussion #1
2	Complete Chapters 2 and 3 Exams (Practice Questions) AND Labs 3.1.6 and 3.3.5 Post and Participate in Discussion #2
3	Complete Chapter 4 Exams (Practice Questions) Post and Participate in Discussion #3
4	Complete Chapter 5 Exams (Practice Questions) Post and Participate in Discussion #4
5	Complete Chapter 6 Exams (Practice Questions) Post and Participate in Discussion #5
6	Complete Chapter 7 Exams (Practice Questions) AND Lab 7.6.6 Post and Participate in Discussion #6
7	Complete Chapter 8 Exams (Practice Questions) Post and Participate in Discussion #7
8	Complete Chapter 9 and 10 Exams (Practice Questions) Post and Participate in Discussion #8

NOTE:

- 1.) Read EVERY section.**
- 2.) View the video presentations.**
- 3.) Take the Section Quiz as listed above, by the end of the appropriate week.**
- 4.) Respond to the appropriate weeks Discussion Questions.**