

•Syllabus

CIS 225 - Web Server Technology and Security

Winter 2011

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•5 Credits

•**Instructor:**

SECTION AA:

Instructor: Marti Baker

email: mbaker@email.edcc.edu

Phone: 425-640-1766 (email me, you'll get me much faster)

Office Location: Alderwood 213 Office hours are held

Office Hours: in Snohomish Hall 124

Mondays and Wednesdays 3:00 p.m. to 5:30 p.m.

•**Materials:**

Required Text(s):

Text: **CYA: Securing IIS 6.0: Cover Your A** By Getting It Right the First Time**

Author Chun Hai (Bernard) Cheah and Ken Schaefer

Publisher: Syngress Publishing

Other: Flash drive, while not required is strongly suggested for this course.

•**COURSE OBJECTIVES:**

•Technology of Web Servers; developing and implementing security plans, creating and implementing disaster support plans, attack patterns and security issues. Prerequisite: CIS 125 with a GPA of a least 2.5 or equivalent experience.

•While accomplishing this, the following learning objectives will be met:

1. Prepare and present functional and technical specifications for a Web server. (Critical thinking, Written Communication)
2. Develop and present concept alternatives for Web servers. (Critical thinking, Written Communication, Group Interaction)
3. Review technical considerations and constraints for Web servers. (Critical thinking, Written Communication, Quantitative Skills)
4. Design site security measures including proxy servers and firewalls. (Critical thinking, Written Communication)
5. Develop and implement usability and load testing. (Critical thinking, Written Communication, Group Interaction, Quantitative Skills.)

6. Evaluate and recommend web hardware, software and third-party solutions. (Critical thinking, Written Communication, Group Interaction)
7. Set up server software and hardware. (Critical thinking, Written Communication, Group Interaction)
8. Manage the basic requirements of a Web server. (Critical thinking, Written Communication)
9. Create and implement a disaster recovery plan. (Critical thinking, Written Communication)
10. Support disaster recovery for a web server. (Critical thinking)

BASIC EDUCATION REQUIREMENTS (COLLEGE WIDE ABILITIES):

While achieving the course objectives above, you will be applying and developing the following basic education requirements:

11. Critical thinking through problem solving

Policy on Cheating:

I will not tolerate cheating. Grades on assignments, quizzes or tests will be adjusted as warranted. Students who are suspected to have cheated will have a private talk with me and/or the division director. During or after this discussion we may make a suitable adjustment, if circumstances seem to warrant it. The following list is a sample of items that I consider to be cheating, but is not a complete list:

12. Any assignment OR test which is copied in whole or in part from another person.
13. Plagiarism (please be sure that you know what this means).
14. Using corrected exams to study for late test taking.
15. Use of past test to study for test taking.

Emergency closure:

In case of an emergency closure, please access the following web site for information:
<http://www.schoolreport.org/> and or call this phone number: 425-640-1459.

Grading

Grade Table

Grade Points:						Letter Grades:	
4.0	95	2.9	84	1.8	73	A	4.0 - 3.9
3.9	94	2.8	83	1.7	72	A-	3.8 - 3.5
3.8	93	2.7	82	1.6	71	B+	3.4 - 3.2

3.7	92		2.6	81		1.5	70		B	3.1 - 2.9
3.6	91		2.5	80		1.4	69		B-	2.8 - 2.5
3.5	90		2.4	79		1.4	68		C+	2.4 - 2.2
3.4	89		2.3	78		1.4	67		C	2.1 - 1.9
3.3	88		2.2	77		1.3	66		C-	1.8 - 1.5
3.2	87		2.1	76		1.2	65		D+	1.4 - 1.2
3.1	86		2.0	75		1.1	64		D	1.1 - 0.9
3.0	85		1.9	74		1.0	63		D-	0.8 - 0.7

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Your grade will be calculated on a mixture of total points available and weighted according to the following:

16. Class participation (both in class and through the Discussion Board) 33%
17. Assignments 33%
18. Tests & Quizzes 33%
19. Extra Credit (If given) up to 1%

Projects, assignments, tests and quizzes:

In this class you will be providing evidence of your knowledge through completion of Hands On Assignments, quizzes and tests. Without completing this body of evidence it is impossible to assign you a grade for the quarter. Therefore, with the exception of the final project/assignment, assignments are due as stated on the course calendar. Assignments received late will be marked 50% off after the due date as stated. You will have 48 hours to complete late work, if the work is not completed within 48 hours, the project/assignment will not be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter.

No make-up tests or quizzes will be given unless pre-arranged. Pre-arranged is defined as: notifying the instructor of your inability to take the test or quiz before the scheduled time of the test or quiz.

Other Grading Policies

Policy on V and I grades (if applicable), including college definitions

I - The incomplete is given at the discretion of the instructor only when the student has done satisfactory work but could not, for some unavoidable reason, complete some part of the coursework or take the final examination. The student and instructor prepare and sign an "Incomplete Grade Contract" (located in division offices) specifying the work to be completed. The contract will include the date by which all work must be submitted and the grade that will be submitted if the work is not completed. Incompletes given prior to Fall Quarter of 1990 will be assigned letter grades.

V - An instructor-initiated withdrawal. The final grade issued if an instructor initiates a class withdrawal before the end of the quarter, often in consultation with the student, or if a student enrolls in a class but never attends or stops attending class. A faculty member is under no obligation to grant an instructor-initiated withdrawal.

Final Exam Schedule:

The college predetermines final exam times for classes. The final exam for this class is Wednesday, March 17th at 6:00 P.M.

Other Important Information:

Online, Hybrid, and BlackBoard-Enhanced Classes:

Successful completion of student responsibilities in this class requires access to BlackBoard via an Internet browser. You are expected to login to the BlackBoard classroom at least 2 times per week. Instructions for access to BlackBoard may be located online at the following address: [http://online.edcc.edu/study/Bb_login.html] Toll-free technical support (24/7 service) at [<http://supportcenteronline.com/ics/support/default.asp?deptid=746>]

Services for Students With Disabilities:

If you require an accommodation for a disability, please contact Services for Students with Disabilities, Mountlake Terrace Hall 159, Voice: (425) 640-1320, TTY: (425) 774-8669, Fax: (425) 640-1622, ssdmail@edcc.edu.