CJ2500 - Computer Hardware Basics

Summer 2013 Syllabus

Skills-based course introducing basic hardware and software using lecture and hands-on, practical application. Successful completion of the course prepares students to pass the A+ certification exam, the standard in foundational, vendor-neutral computer certification.

The actual A+ tests are NOT included with this class. You will need to pay and take them on your own. This class prepares you to do that.

Prerequisites: none

One section:

1. MTWT 01:00-02:50 pm in University Plaza D201 (05/13-06/13)

    Final exam on 06/12 & 06/13 @ 1:00

Instructor: **Dr Bob Nielson**

Email: `nielson at dixie dot edu`

Objectives

At the end of the course, students will be prepared for the following COMPTIA A+ exams:

- 220-801 Essentials
- 220-802 Practical Applications

Resources

Texts

There is one text required for this course:

Managing and Troubleshooting PC's 4rd Edition, Mike Myers, ISBN **9780071795913**

Computer Resources

Computers will be provided in class for your use. Also computers for you to tear apart and build will also be provided in class.

Course Website

The course content is provided using the CANVAS System. Also schedules and assignments will be in CANVAS. The link to the Canvas system is:

https://canvas.dixie.edu .

Assignments and Exams

Reading

The student is responsible for reading the material in the textbook. A reading schedule is provided with the class schedule on CANVAS. The student is expected to read the material before the class in which it is discussed. The book also includes material beyond what we will discuss in lecture, which you are encouraged to study on your own. Feel free to bring questions from the reading to lectures or to office hours.

Quizzes

There will be an in class quiz on each for the 32 chapters in the book.

Final Tests

There will be an in class final test for both 220-801 and 220-802 tests.

Grading

Quizzes and final tests each contribute to your point total.   The quizzes count as 1/2 of your grade and the final test counts as the other 1/2. The goal of this class is to prepare you for the A+ exam. The best way to do this is to give you plenty of practice test to drill in the material required to become COMPTIA A+ certified.

Here is the grading scale:

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>= 94 = A
>= 90 = A-
>= 87 = B+
>= 84 = B
>= 80 = B-
>= 77 = C+
>= 74 = C
>= 70 = C-
>= 67 = D+
>= 64 = D
<  64 = F
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Course Policies

Absences

Students are responsible for material covered and announcements made in class. School-related absences may be made up only if prior arrangements are made. The class schedule presented is approximate. The instructor reserves the right to modify the schedule according to class needs. Changes will be announced in class and posted to the website. Exams and quizzes cannot be made up unless arrangements are made *prior* to the scheduled time.

Time

Courses should require about 1 hours of reading per 1 hour of class. This class will require about 40 hours of reading on the part of the student to achieve a passing grade, which is approximately 8 hours per week. If you do not have the time to spend on this course, you should probably rethink your schedule.

Late work

There will be approximately 2 10 question quizzes that will be given in CANVAS each day of class. If you are going to be absent, you need to arrange with the teacher before the quiz is given or you will receive a 0 on that quiz.

Cheating and Collaboration

Cheating will not be tolerated, and will result in a failing grade for the students involved as well as possible disciplinary action from the college. Cheating includes, but is not limited to, turning in homework assignments that are not the student's own work. It is okay to seek help from others and from reference materials, but only if you learn the material. As a general rule, if you cannot delete your assignment, start over, and re-create it successfully without further help, then your homework is not considered your own work.

You are encouraged to work in groups while studying for tests, discussing class lectures, discussing algorithms for homework solutions, and helping each other identify errors in your homework solutions. If you are unsure if collaboration is appropriate, contact the instructor. Also, note exactly what you did. If your actions are determined to be inappropriate, the response will be much more favorable if you are honest and complete in your disclosure.

College Policies

Additional college policies, calendars, and statements are available online at **http://new.dixie.edu/reg/syllabus/** .