IT1200 - A+ Computer Hardware/Windows OS

Spring 2016 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.

Prerequisites: none

Course fee: $25, used to assist in maintaining CIT infrastructure.

Two sections:

- IT1200-01 TT 9:00-10:15 am in UHB 104 - Final exam on Tues May 3 @ 8:00 am
- IT1200-02S MWF 2:2:50 pm in Tech 110 final exam on Mon May 2 @ 12:30 pm

Instructor:

- Dr. Bob Nielson
- Shauna Morgan

Objectives

At the end of the course, students will be able to:

- Select, install, repair and support PC computer hardware
- Install, repair and support the Windows 7 operating system
- Prepare to pass the TestOut PC Pro certification exam
- Prepare to pass the COMPTIA A+ (220-801 & 220-802) certification exams.

Resources

REQUIRED

TestOut Company Website You will be required to purchase access to the TestOut company website instead of a textbook.

Computer Resources

You will need to have access to a computer to complete the on-line labs associated with this course. The TestOut website uses a web browser and HTML 5. You will need to be able to use these systems. They are available for Windows XP, Windows 7, Windows 8 and the MAC OSX operating systems.

Course Information

You are responsible for being informed regarding announcements, the schedule, and other resources posted on this website. Grading and assignments are managed at https://canvas.dixie.edu.

Assignments and Exams

Reading

There will be various readings provided, including the website, PDF files, web pages, and lectures. These will provide the materials to study from for quizzes and will assist you in completing your assignments.

Assignments

Assignments will be graded based on completeness. (See the Late Work policy for more information) Assignments are due on the date listed in the schedule, and must be completed within TestOut. This means that you must reserve time to pass it off at a suitable time before class starts on the day it is due.

Quizzes There will be about 5 quizzes given during the semester.

Exams
This course has a comprehensive final exam. The exam will consist of the PC Pro Exam.

**Grading**

Assignments and exams each contribute to your point total. The assignments count for \(\frac{1}{3}\) of your grade, quizzes count for \(\frac{1}{3}\) of your grade and the final exam for \(\frac{1}{3}\).

Here is the grading scale:

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\begin{array}{ll}
\geq 94 &= A \\
\geq 90 &= A- \\
\geq 87 &= B+ \\
\geq 84 &= B \\
\geq 80 &= B- \\
\geq 77 &= C+ \\
\geq 74 &= C \\
\geq 70 &= C- \\
\geq 67 &= D+ \\
\geq 64 &= D \\
< 64 &= F
\end{array}
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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 on Canvas 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 2-10 hours of outside work per TestOut module. This class will require about 5-40 hours of work per week on the part of the student to achieve a passing or higher grade. Be sure to evaluate your schedule before committing to this course.

**Late work**

Assignments are due on the date specified in the schedule. Passing them off after the specified time is considered late. You may turn them in late with a 20% penalty.

**Cheating and Collaboration**

Limited collaboration with other students in the course is permitted. Students may seek help learning concepts and developing programming skills from whatever sources they have available, and are encouraged to do so. Collaboration on assignments, however, must be confined to course instructors, lab assistants, and other students in the course. See the section on cheating.

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, 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 favourable if you are honest and complete in your disclosure.

Where collaboration is permitted, each student must still create and type in his/her own solution. Any kind of copying and pasting is not okay. If you need help understanding concepts, get it from the instructor or fellow classmates, but never copy another’s written work, either electronically or visually. It is a good idea to wait at least 30 minutes after any discussion to start your independent write-up. This will help you commit what you have learned to long-term memory as well as help to avoid crossing the line to cheating.
College Policies

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