IT1200 - A+ Computer Hardware/Windows OS

Summer 2021 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.

Prerequisites: none

Course fee: $20, used to assist in maintaining CIT infrastructure.

Course Times:

- 1200-40 Online

Instructor:

- Jay Sneddon


This textbook is available electronically through the Dixie Library system.

We will also frequently reference Professor Messer’s free A+ video instruction found at https://www.professormesser.com

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 10, Linux and MacOS operating systems
- Support wireless and other mobile devices
- Prepare to pass the COMPTIA A+ (220-1001 & 220-1002) certification exams.

Computer Resources

You will need to have access to a computer to complete many of the labs associated with this course.

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://dixie.instructure.com.

Assignments, Quizzes and Exams

Assignments

All assignments are posted in Canvas. Because of the compressed format of this class, expect multiple assignments each week.

Assignments will be graded based on completeness and accuracy. Assignments are due on the date listed in the schedule.

(See the Late Work policy for more information)

Quizzes

Each chapter will have an associated quiz administered during the semester.

Exams

The course will have several exams plus a final.

Grading
The final grade is a combination of Assignments, Quizzes, Exams and the Final Exam. Some assignments are in class activities, which cannot be made up.

Grades are weighted as follows:

Homework  35%
Quizzes  15%
Exams   25%
Final Exam  25%

The grading scale is as follows:

\[
\begin{align*}
& \geq 94 = A \\
& \geq 90 = A- \\
& \geq 87 = B+ \\
& \geq 84 = B \\
& \geq 80 = B- \\
& \geq 77 = C+ \\
& \geq 74 = C \\
& \geq 70 = C- \\
& \geq 67 = D+ \\
& \geq 64 = D \\
& < 64 = F
\end{align*}
\]

**A+ Certification**

A+ Certification is a significant resume enhancer, and is optional for this class. Two exams (CompTIA 220-1001 and 220-1002) are required to become certified. CompTIA offers a significant testing discount for students at [http://academic.comptiastore.com/](http://academic.comptiastore.com/) This course prepares you for the CompTIA 220-1001 and some of the CompTIA 220-1002. Because of time, not all topics in the certification exams will be covered but this course provides a good start to preparing.

Students may test out of the class with an A grade if they are able to become A+ Certified before the third week of the semester. By becoming A+ Certified you have proven that you know this course material. If you are already A+ Certified, the certification must be active and passed within the last three years. I must see a copy of your certificate.

Students may also avoid the final exam if they are able to become A+ Certified before the scheduled Final Exam. In which case the Final Exam will be scored as 100%.

Contact me if you have any questions about this.

**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 through Canvas or email. Exams and quizzes cannot be made up unless arrangements are made prior to the scheduled time.

**Late work**

Assignments, quizzes and exams are due on the date specified in the schedule. Late work will be accepted but penalized.

Late work and test penalties are as follows: * 30% penalty the first two weeks past the due date * 50% penalty thereafter. * No late work will be accepted during Finals week. * I have the option to reject any late work regardless of the submission date.

**Testing out of this Course**

Students may receive full credit for this course if they can prove an active A+ Certification before the third week of the semester. An active A+ Certification is defined as one achieved within the last three years.

**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 favorable 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 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://academics.dixie.edu/syllabus/](http://academics.dixie.edu/syllabus/).