# IT1200 - A+ Computer Hardware/Windows OS

## Spring 2018 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:*** $25, used to assist in maintaining CIT infrastructure.

***Course Times:***

- Online – All exams, including the Final exam, must be taken at the DSU Testing Center or another proctored testing environment. If you are going to use another proctored testing center than DSU, contact me so I can get proper materials there.

***Instructor:***

- [Jay Sneddon](#)

***Resources REQUIRED***

[Testout Company Website](#) You will be required to purchase access to the Testout company website instead of a textbook.

The DSU price for the Testout course is $125.00. To purchase, do the following:

1 - Visit [Testout.com](#)

2 - Enter Promotion Code **14-232TA** at the bottom right of the page:

3 - Under LabSim Courses for Microsoft, select **Testout PC Pro** ISBN 978-1-935080-42-8 to purchase ($125.00) and add to shopping cart

4 - Follow shopping cart directions to place your order

5 - When prompted enter school name exactly as Dixie State University

6 - Follow instructions on the order confirmation screen and /or your emailed invoice for accessing LabSim.

7 - Join Class IT 1200 Sp 2018

## 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+ (220-901 & 220-902) certification exams.

### 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, with Chrome recommended. You will need to be able to use these 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](https://canvas.dixie.edu).

## Assignments, Quizzes and Exams

# Assignments

Testout has a number of labs and quizzes for each section. These are required. You are encouraged to watch the videos. The videos are provided for your benefit and will not be counted towards a grade. A recommended methodology on tackling a Testout section is to review the fact sheets, then watch the videos on sections where you need better understanding. Do the labs next, then the quizzes.

Assignments will be graded based on completeness and accuracy. Assignments are due on the date listed in the schedule. Testout assignments must be completed within Testout. Testout lab and quiz scores are automatically reported to the instructor, and may be repeated as often as desired before the due date to improve the associated scores.

(See the Late Work policy for more information)

# Quizzes

Each chapter will have an associated quiz administered during the semester. Some quizzes may be completing a Testout lab from the chapter. The quizzes are open book, but are required to be completed before the due date.

# Exams

Expect four exams plus a comprehensive final. The four exams are multiple choice, matching or fill in the blank type questions. Exams are closed book, and must be taken in a proctored environment such as the DSU Testing Center.

The comprehensive final exam is a special Testout practical exam consisting of several lab exercises. Successful passing of the Testout practical final earns a Testout PC Pro Certificate. If you have kept up on the lab exercises, you will recognize the questions on the 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: Testout 30% Homework 10% Quizzes 10% Exams 25% Final Exam 25%

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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# ** A+ Certification **

A+ Certification is a resume enhancer and is strongly encouraged. Two exams (CompTIA 220-901 and 220-902) are required to become certified. CompTIA offers a significant testing discount for students at http://academic.comptiastore.com/ This course prepares you for both exams.

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 (meaning passed within the last three years) and 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 in class and posted to the website. Exams and quizzes cannot be made up unless arrangements are made prior to the scheduled time.

*Course Material*

The material for this course comes from Testout.com. All Testout labs and quizzes are required. These may be repeated until a maximum score is reached. Other assignments are supplemental exercises beyond Testout. Some assignments are in class activities, which cannot be made up. Quizzes and Exams are comprised from questions found on the A+ Certification Exam as well as the chapters covered in Testout.

The final comprehensive exam is a random selection of Testout labs from the 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. In class activities/assignments cannot be made up.

*Testing out of this Course*

Students may receive full credit for this course if they can prove an active A+ Certification within the first two weeks of class. Students who achieve A+ Certification before the final exam is issued are excused from taking the comprehensive final. Those students may still take the Testout final to receive their Testout Certification.

*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'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://academics.dixie.edu/syllabus/.