Student:

1 The Software Engineer

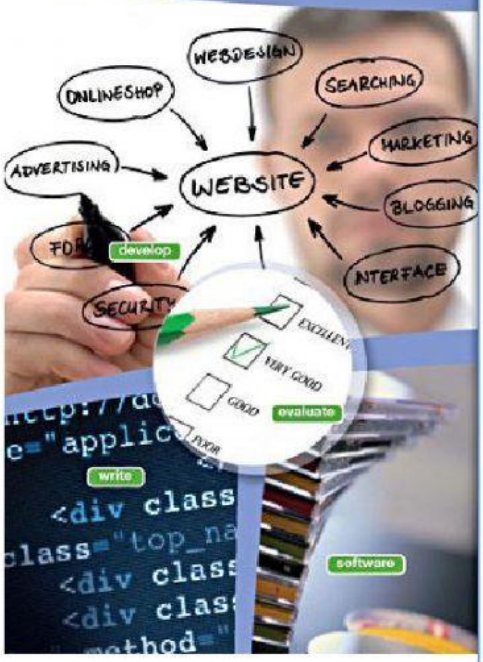
Hullward University: Software Engineering Department

Software Engineering 101: Course Outcomes

This class focuses on computer **software**. It covers various elements of development and programming. The students will learn to **design** and **develop** programs. The objective is to **write** useful computer software.

Small groups of students will complete several short projects. These focus on **programming-in-the-small**. The whole class will work together on **programming-in-the-large**. This project runs throughout the entire semester.

The students will also **install** and **test** their own software **artifacts**. This is an opportunity to **investigate** any software development problems. Finally, students will **evaluate** the correctness of each other's software. Student reviews are part of the final grade.



Get Ready!

1. Before you read the passage, answer the questions.
   a. What are some steps of the process of creating software? _____
   b. What are some responsibilities of a software engineer? _____

Reading

2. Read the course description. Then, choose the correct answer.

I. What is NOT included in the course?
   a. How to write software.
   b. Steps for investigate problems.
   c. The history of software development.
   d. Testing other students' software.

II. What will the students do for each other?
   a. Adjust development plants.
   b. Recommend carrer paths.
   c. Install software.
   d. Evaluate performance.

III. What is true of the programming-in-the-small project?
   a. It is the first step in writing a program.
   b. It involves small group of students.
   c. It deals with the main framework of a program.
   d. It is used to install programs.

Vocabulary

3. Match the words (1-8) with the definitions (a-h)

1 _____ evaluate
2 _____ software
3 _____ investigate
4 _____ write
5 _____ design
6 _____ develop
7 _____ install
8 _____ test

A to form letters and words into sentences or instructions.

B to plan the way that something will be created.

C to bring something from the initial conception to action or implementation.

D to carefully study something and assess its qualities.

E to operate something to see whether it works.

F to put something into the place where it will function.

G to get more information about something

H the programs that perform particular functions on a computer