Name: _____ **Section:**   1   2   3   4

1 = Mutchler, 1st-2nd periods.   **2 =** Mutchler, 3rd-4th periods.   **3 =** Anderson, 7th-8th periods.   **4 =** Anderson, 9th-10th periods.

Use this quiz to help make sure you understand the videos/reading. ***Answer all questions.*** Make additional notes as desired. ***Not sure of an answer?*** Ask your instructor to explain in class and revise as needed then.

Throughout, where you are asked to "underline your choice", you can underline or circle it (whichever you prefer).

Video: ***The Flipped Classroom*** [4:42 minutes]

1. CSSE 120 uses a ***flipped learning*** approach?   **Yes   No**   (underline your choice)

2. In a ***flipped*** classroom, the ***deep*** learning occurs (underline your choice):

    a. In the classroom, during lectures

    b. In the classroom, doing exercises

    c. Outside the classroom, doing homework

    d. Outside the classroom, watching videos

3. True or false: In CSSE 120, you will watch some short videos and do a short quiz before most sessions?   **True   False**   (underline your choice)

4. You should do the quiz (underline your choice):

    a. Before you watch the associated video

    b. While you are watching the associated video

    c. After you watch the associated video

    d. Your choice – any of the above are fine. (If you think that this is the right answer, underline just this answer, not all of them, and we'll know what you mean.)

5. What should you do if there are questions in the quiz whose answer you don't know? (Underline your choice)

    a. Cry.

    b. Beat up your professor.

    c. Leave the question(s) blank and ask about it at the beginning of class.

6. If you don't watch the video and do the quiz before class, should you come to class anyhow?   **Yes   No**   (underline your choice)

7. Is it appropriate to NOT do the video until class, and then ask your professor (or an assistant, or a classmate) for the answers to all the questions? **Yes   No**   (underline your choice)

8. True or False: Before you begin the in-class exercises for a session, you must do the quiz (and hence its associated videos/reading) for that session, even if that means doing the quiz at the beginning of a session. That is, your quiz is your ***admission ticket*** for doing the in-class exercises. **True   False**   (underline your choice)

Video: ***What is Software Engineering?*** [3:44 minutes]

9. What is the name of the ***programming language*** that we will use in this course?

10. True or False: The programming language for our course is mostly used to teach beginners how to program. **True   False**   (underline your choice)

11. This course covers (underline your choice)**:**

    a. All of ***software engineering***

    b. The subset of software engineering called ***software development***

12. True or False: Software engineers rarely interact with other people when doing their job well. **True   False**   (underline your choice)

13. True or False: A typical software engineer spends most of her time typing lines in a program. **True   False**   (underline your choice)

14. True or False: Men make better software engineers than women. **True   False** (underline your choice)

15. True or False: Software engineering requires being a creative thinker. **True   False** (underline your choice)

Online document (reading): ***Course Policies, from the Syllabus*** linked at the course web site
      www.rose-hulman.edu/class/csse/csse120/201410

(See the link to the *Syllabus* in its upper-right corner.)

16. Have you bookmarked the course web site? (I hope so!)   **Yes   No**   (underline your choice)

17. True or False: This course assumes that you have at least some *prior programming experience*, as a prerequisite for the course.   **True   False**   (underline your choice) [Hint: Look at the ***Prerequisites*** section.]

18. Have you read, and do you understand, the ***Attendance Policy***?   **Yes   No**   (underline your choice)

19. True or false: If you do not ***initially*** complete Exercise 1 (for example) satisfactorily, you automatically fail the course? (Hint: The answer is *False.*)   **True   False** (underline your choice) [Hint: Look at the ***Assessment Plan*** section.]

20. True or false: If you ***never*** complete Exercise 1 (for example) satisfactorily, you automatically fail the course? (Hint: The answer is *True.*)   **True   False** (underline your choice) [Hint: Look at the ***Assessment Plan*** section.]

21. Suppose that your scores on work for this course are:

    - Quizzes and in-classes exercises: all perfect.
    - Average of your exams: 50%.
    - End-of-term team project: 100%.

    Then your letter grade for the course is (underline your choice):

    A   B+   B   C+   C   D+   D   F
    [Hint: Look at the **Assessment Plan** section.]

22. Suppose that your scores on work for this course are:

    - Quizzes and in-classes exercises: all perfect.
    - Average of your exams: 100%.
    - End-of-term team project: 50%.

    Then your letter grade for the course is (underline your choice):

    A   B+   B   C+   C   D+   D   F
    [Hint: Look at the **Assessment Plan** section.]

23. True or false: Consider Session 5 (for example). You begin an exercise in class then (as at all sessions). That exercise should normally be completed before Session 6.
    True   False   (underline your choice)
    [Hint: Look at the **Can I turn assignments in late?** section.]

24. True or false: Consider Session 7 (for example), and the exercise that you are supposed to begin in that session. The latest that you can turn in that exercise, without penalty, is (underline your choice):

    a. At the end of Session 7.

    b. At the beginning of Session 8.

    c. At the beginning of Session 9.

    d. At the end of Session 9.

    e. At the beginning of Session 10.

    f. None of the above.

    [Hint: Look at the **Can I turn assignments in late?** section.]

25. True or false: It's OK if you and a friend agree that you will do the exercises for the odd-numbered sessions, and your friend will do the exercises for the even-numbered sessions, and you'll share your work.   **True   False**   (underline your choice)
    [Hint: Look at the **Academic Integrity** section.]

26. True or false: It's important to make a sincere effort to *understand* the concepts behind each problem on which you get help.   **True   False**   (underline your choice)
    [Hint: Look at the **Academic Integrity** section.]

27. True or false: Suppose you are taking an exam in this course and a friend in another section of the class emails you, asking you for the answer to a problem that you know you got right. The right thing to do, according to the Rose-Hulman culture, is to send your answer to your friend.   **True   False**   (underline your choice)
    [Hint: Look at the *Academic Integrity* section.]

28. True or False: **I have read the *Academic Integrity* section of the Syllabus and I understand it.   True   False**   (underline your choice)

Reading from your textbook (*Python for Everyone*, by Horstmann and Necaise):

29. A Python **comment** begins with **#**   and goes until the end of the line. What is the purpose of such comments?

30. When we call a Python function (such as **print**),
    the information that we provide to the function
    (such as what we want printed) must be enclosed in _____.

31. A sequence of characters enclosed in quotation marks is called a _____ .

32. True or false: Indentation in Python programs should be used to make them more readable to a human, but it does not affect what the program does.
    True   False   (underline your choice)

33. Suppose that you make a typing error in a program, for example if you forget the closing quote of a string, as in:

    ```
    print("All crows are black)
    ```

    Such an error is sometimes called a (underline **ALL** that apply):

    a. *compile-time* error

    b. *syntax* error

    c. *run-time* error

    d. *logic* error