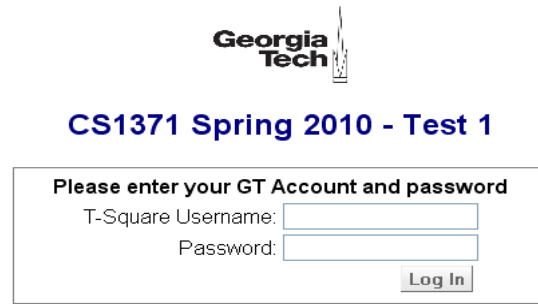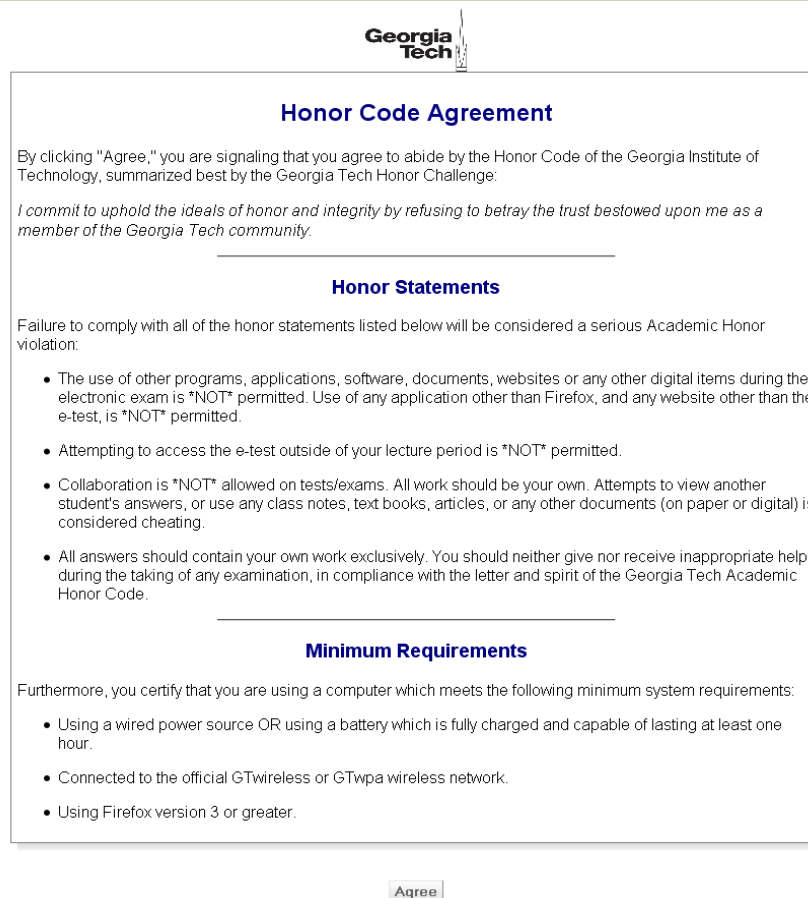# CS1371 E-Test Introduction and Tutorial

At the beginning of the test period, you will be given a web address (URL) which will take you to the E-Test site. The first screen will allow you to login with your T-Square username and password. It looks like Figure 1.



Figure 1. E-Test login screen

Once logged in, you will be brought to the various honor statements and minimum requirements for taking the test. See Figure 2. After reading these over, click "Agree" to continue to the practice test.



Figure 2. E-Test Honor Statement

Before each test, you will be given the option to take a practice test. The practice test is optional, but highly recommended because it helps you understand the E-Test interface, which is essential to performing well on the exam. (Note: You may ignore bullet #4)



Figure 3. Practice Test notes

The practice test will contain 3 of the E-Test's question types. Note that these will look slightly different on the test portion (see the later section). As seen in Figure 4, the second screen you will be brought to after beginning the practice test. Select the answer to the first question. This question type is Multiple Choice. Select the answer you feel is best. The little green check mark is only on the practice test, and will **not** be on the real test. After selecting the best answer, **make sure to hit Save Answer or your work will be lost.**



Figure 4. Multiple Choice Question Type on practice test

Figure 5. Fill-in-the-blank Question Type on the practice test

As seen in Figure 5, the second question type is a fill-in-the-blank/tracing question. *Generally speaking*, some lines of code or a function will be given, and you will be asked to give what the values of the variables are. For this section, as you will see when we discuss this for the actual test, it is particularly important to pay attention to formatting. The answers must be entered like they would be in MATLAB. That is, vectors should be enclosed in square brackets, strings should be enclosed in single quotes, and logical values should be shown as [true false true] rather than [1 0 1]. The latter is a double. For some, you may need to say that it returns an error, in which case you should type Error. If the formatting is wrong, you will receive zero credit on the question. Questions of this type have 5 parts that are graded independently of each other.



Figure 6. Free Response/Coding question type

The final question type you may see on the E-Test is of a free response/coding nature. It allows you to type text (as if you were typing code in MATLAB). This will *generally* be used for coding problems.

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After the practice test, you will be sent to a loading screen. Once the Senior Teaching Assistant (STA) or professor decides to start the exam, the test will begin. At the ending time specified by the professor, the E-Test will automatically log you out of the exam. **Any unsaved answers will be deleted**.

Although we have discussed the question types earlier in this document, it is important to point out some helpful differences between the practice test and the real test.

First, as seen in Figure 7, the interface will show the question number you are currently working on, a list of all the questions and their respective point values, and a finish button. The question you are currently working on will be shaded.

Let's explore the fill-in-the-blank question type one more time. Notice for the question in Figure 7, although I have entered answers in each box, I still see a warning to remind me to save my answer. Although you may have entered something, **your answer is unsaved and will not be graded unless you hit the Save Answer button**. Also notice how the different variable values were entered. There are square brackets around the vectors, single quotes around the strings, and the logical values are entered as true/false values, rather than 1/0 values (which are doubles).



Figure 7. E-Test question unsaved

After you click the Save Answer button, your question will look similar to Figure 8. This will indicate that what you have entered has been saved by the E-Test. You may continue working on this problem or move to another.



Figure 8. E-Test question saved

Once you have completed your exam and have saved all your answers, you are ready to submit your test. You can click the Finish button on the left hand side and agree that you have finished your exam. You will be brought to the screen in Figure 9. This will be a sign you have submitted successfully. You may now shut down your computer and follow the directions of the TAs and professor present for checking out of the testing environment.
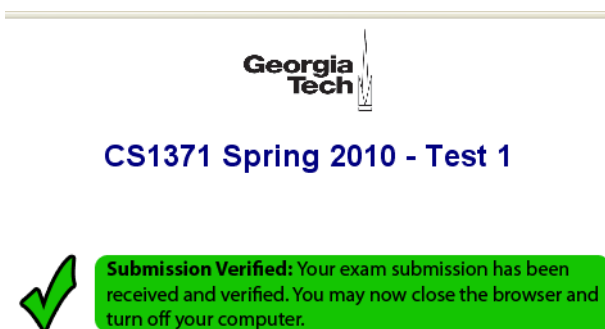


Figure 9. E-Test submission screen