

HCI & GUI Programming Assessment, Submissions and Requirements

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Marks Breakdown:

Continuous Assessment (slide 1 of 3)

- Continuous Assessment (40%)
 - 2 assignments and class tests
 - Assignment 01: building a fully working GUI in JavaFX (10%)
 - An assignment that will require you to take the standard components of the JavaFX toolkit and combine them in such a way to produce a fully working application.
 - Will test how well you understand layouts, widgets and event handling.

Marks Breakdown:

Continuous Assessment (slide 2 of 3)

- Assignment 02: building a full working custom widget in JavaFX (15%)
 - Core skill of any GUI developer.
 - You are expected to have a widget that will resize correctly, handle mouse and keyboard input from the user, and to update itself in response to user input.
- Class Tests: On the HCI and GUI principles (15%)
 - Will happen at the beginning of a number of lectures. The schedule will be posted soon.
 - Everything covered on the lecture notes will be fair game for asking on the class tests.

Marks Breakdown:

Continuous Assessment (slide 3 of 3)

- Project (60%)
 - Will take place over the last 5 weeks of the semester.
 - Will be done in pairs
 - You will be expected to work together to produce a fully working application.
 - Start thinking about your pairs now
 - You must tell in either lecture or lab that you are pairing together

Assessment Submission

- Assignments and projects are to be submitted through the moodle
- I have a specific format in which you should submit your work to the moodle
 - If you follow this format it will mean that I can get feedback and marks back to you in the quickest possible time.
 - I have a few scripts that will speed up the correcting process for me.

Assessment

Submission File Name

- You should save your assignment1 as a Java project called
 - <lastname>_<firstname>_<studentnumber>_<assignment1>
 - e.g. cronin_alex_1234567_assignment1
- When submitting your project it should zip it and call it
 - <lastname>_<firstname>_<studentnumber>_<assignment1>_<IDE>.zip
 - e.g. cronin_alex_1234567_assignment1_eclipse.zip
- Where IDE is the name of the IDE that you are developing in. I will only provide technical support for the use of Eclipse which is installed on the college computers and I strongly suggest you use it.

Assessment Penalties

- If you do not follow this format I will apply penalties to your final mark because you will have slowed me down in correcting assignments.
 - If your **zip file** does not follow the **naming format** above you will be deducted **10%**
 - If your your **project folder** does not follow the **naming format** above you will be deducted **10%**
 - If your **project fails to compile** you will be deducted **30%**
 - Code which fails to compile should be commented out and clearly commented indicating what works and does not work. This information should also appear in the assignment report which will be part of the submission.
 - Code which does not compile is very time consuming to debug.