

How to Present your Python Capstone Project

Winter term, 2012-2013

1. Sign up for a **Practice Presentation**, per the sign-up sheet.
 - Your **entire team** must be present at your Practice Presentation.
 - The Practice Presentation is just like the real one, except that its grade won't count and you will each present only a portion of your project.
2. Sign up for a **Presentation**, per the sign-up sheet.
 - Your **entire team** must be present at your Presentation.
 - The Practice Presentation time must be at least **24 hours before** your Presentation time (so that you have time to make adjustments if necessary).
3. **If your project requires external software to be installed** (drivers, whatever), make arrangements with your instructor for such installation to happen on your instructor's computer well before the presentation.
4. Be sure that your **ENTIRE project is committed to SVN**.
5. **Before** the presentation: Team leader, remind all team members when and where the presentation is.
6. **Immediately before** the presentation:
 - All PRACTICE presentations are in **Moench F-217** but all actual Presentations are in **Moench D-219**. Be there early.
 - Get out 2 robots. Do some short tests to be sure that they work as you expect.
 - If you need to do any calibrating in your program for those robots, you may do so at that point. But BE CAREFUL:
 - Don't break your program. (Changes to your program should be VERY SMALL.)
 - Do a **SVN ~ Commit** and alert your instructor that she should do an **SVN ~ Update to Head**.

7. **At** the presentation¹:

- Be **ready to go** at your appointed time.
- "Ready to go" means that:
 - Every team member is present.
 - Two robots are in place for the demo and you did a short test of each immediately prior to your demo.
 - Every team member is ready to explain her work.
- If your team is not **ready to go**, your presentation will be rescheduled. Your grade will be reduced in this case, in whatever way is appropriate to the circumstances.
- **Part 1 of the grading: What does your program do?**

Your instructor will start your program, running whichever file (**m0, m1, m2, ...**) you request, and **operate** the program, running through the GUI with your help to see which items you accomplished from the Rubric. For each item, the person(s) who were primary developers of that item will explain to the instructor how to operate the program. Each item will be graded on a scale of 1 (something done, but does not work right), to 3 (does the basics correctly) to 5 (does much more than the basics).

- **Part 2 of the grading: Code review.**

Your instructor will **examine** each of files **m1, m2, and m3** (and **m4** for 4-person teams, and other files as appropriate). Your instructor will ask the primary author of that file to explain portions of her code. If a student is unable to explain ALL of her code, that student's grade will be severely reduced.

During this code review, the instructor will be reviewing the **quality of the code** as well as its quantity/challenge-level.

¹ The Practice Presentation proceeds exactly like the real Presentation, except that the grader will run only a part of the program (but asking each team member to contribute) and will examine the code only very briefly (just to give you the idea).