

Research Syllabus – Physics 394 – 1 CR
 Research Advisor: Peter Sheldon
 Meeting Times: TBA
 Topic: TBA

Your research project will consist of a number of components yet to be determined. Tasks for you to do include the following and more: Planning your project, writing a specific outline with benchmark goals, background literature search, designing experiments or tests, gathering data and information, and analysis. It could culminate in the coherent presentation of theory and results in the form of a paper and a presentation; we will discuss what the final product should be.

Since this is a 1 CR independent research course, you must commit at least three hours per week to this project. You must submit progress reports on Moodle each week. You will need to make progress each week. We will meet once each week to discuss progress.

The components will contribute to your final grade in this way:

- Progress: Progress reports 50%**
- Reaching Benchmarks: 20%**
- Final Product: Paper and/or Presentation 30%**

Deadlines:

date due	Task	Date completed
	Progress report each week	
	Outline of tasks for the semester	
	Literature review	
	Outline of paper	
	Benchmark 1 from project	
	Benchmark 2 from project	
	Benchmark 3 from project	
	Draft Talk, Practice	
	Talk	
	Final Paper	

Guidelines:

Progress Reports

Each week, by Monday at noon, I need a written progress report. These are informal, and may only be a few sentences, and should explicitly describe what you have done since the last progress report. Submitted on Moodle. Each progress report is worth 7 points. Each day late reduces it by one point.

Final Paper

Length depends on subject and commitment to the project. You must include background, literature, theory. Use Word, TEX, or some typesetting program to write it up. You can find formatting information in the [style guide](#).

Final Presentation

If at the Symposium, a poster or a 10-15 minute talk. To be practiced at least twice.