

## Term Project: Progress Report – PHYS 6260

Prof. John Wise

*Due Friday, March 31, 11:59pm (Uploaded to Canvas; One per group)*

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- 15% of the total project grade. Will be graded for completeness.
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Write a brief progress report (including figures, bullet lists, tables, etc.) that has roughly 500 words with the following items. Upload a PDF of your report to Canvas that includes a link to your code on github. Please list all group members in your proposal.

**Research topic and question:** Although it was included in the proposal, for completeness reasons, give the physics sub-field that your group is studying, along with a overall research question that your project will answer.

**Current setup:** Describe the simulation setup (e.g. initial / boundary conditions, domain size, neural net setup, resolution, computational methods, etc.) that your group has established.

**Code repository:** Give the URL of your code on github.

**Current status:** Give the current status of your project – completed routines and functionality of your code, accomplishments to-date, and items requiring completion. Give approximate milestones for the uncompleted portions of your code.

**Difficulties and change of plans:** Give any difficulties encountered during the project so far, whether it be physics concepts, programming, simulation setups, or run-time errors. Also give any changes that were deemed necessary after writing your initial proposal.

**List of figures:** Give a list of figures, stating what variables will show, that your group is planning to present in the final presentation and report. *Optional:* If any of preliminary figures can be made, then include them.