Exam Format:
- In the past:
  - 15-20 Multiple Choice Questions
  - 3 Long Answer Questions

Dos and Don'ts:

<table>
<thead>
<tr>
<th>Dos</th>
<th>Don'ts</th>
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<tbody>
<tr>
<td>Watch out for unit conversions.</td>
<td>Get caught up on one multiple choice question. Some are harder than</td>
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<td>Be aware of possible irrelevant information given in questions. The GRASS Method can be helpful to avoid getting lost in distracting information.</td>
<td>others, but they are all worth the same number of marks.</td>
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<td>Use diagrams! They can be especially helpful for questions with forces or directions.</td>
<td>Sit and stare at one long answer question. These questions often vary in difficulty as well; move on and come back to it. Sometimes answering other questions on the exam can help remind you of different strategies to solve the long answer.</td>
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<td>Show all your work for the long answer questions.</td>
<td>Assume you know what the question is asking for because it is similar to another question you did previously.</td>
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<td>Read the entire question before starting to solve it.</td>
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<td>Remember that multiple formulae may be needed to solve a question.</td>
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Quick Tip
- If there is a certain type of problem that you are having difficulty with:
  - Write out a step by step procedure for the problem (physics problems often follow a pattern). While an exam question may not line up with the procedure exactly, it may help you figure out what you need to do next.
  - Check out the decision steps resources at:
Two Methods for Choosing the Correct Formula

1. GRASS Method
   - **Given**
     - Write out all of the given information in the question.
   - **Required**
     - Write down what the question is asking you to solve for.
   - **Assess**
     - Analyze your “given” and “required” data and see what formula(s) may be useful. Rearrange your formula(s) if necessary.
   - **Substitute**
     - Input your given data into your chosen formula(s).
   - **Solve**
     - Complete the calculation and state your answer ensuring correct units.

2. Working Backwards
   - Find all the formulae that include the variable the question is asking you to solve for. From there you can see if you have the rest of the required variables.
   - If you do, you can proceed to complete the calculation.
   - If you don’t, look at what other formulae you could use to obtain the required variables.

Studying Checklist

- [ ] I understand every formula used in-class.
- [ ] I am familiar with the layout of the formula sheet (annotating it while studying can help!).
- [ ] I can identify the key points from each lesson (creating a fact sheet can help!).
- [ ] I have redone and understood in-class examples.
- [ ] I have placed an emphasis on understanding how problems are solved rather than memorizing how to do them.
- [ ] I know how to do basic unit conversions.