

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 162 – Introductory Astronomy

Fall 2025

Problem Set #1

Problem Set Due: Thurs., Sept. 4, 2025

Read OpenStax: Chapter 1

Show explicitly all your work for full credit.

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|-----------------------|------------------|
| 1. Expert TA: 1.1.1 | multiple choice |
| 2. Expert TA: 1.1.2 | multiple choice |
| 3. Expert TA: 1.1.4 | multiple choice |
| 4. Expert TA: 1.1.5 | multiple choice |
| 5. Expert TA: 1.1.37 | multiple choice |
| 6. Expert TA: 1.1.51 | multiple choice |
| 7. Expert TA: 1.2.1 | show calculation |
| 8. Expert TA: 1.2.5 | show calculation |
| 9. Expert TA: 1.3.1 | draw figure |
| 10. Expert TA: 1.6.1 | true/false |
| 11. Expert TA: 1.6.7 | true/false |
| 12. Expert TA: 1.6.12 | true/false |
13. Did you read the Syllabus?
14. Did you read the Example Problem Sets on the Physics 162 WebPage?
15. Did you listen to the Tutorial on converting jpegs to pdfs on Blackboard?
16. Where is the Physics Tutor Room?