Ball State University
Course Syllabus for Problem Solving in General Physics I (PHYC 111) - Fall 2025

Class: Tuesday, 4:00 PM – 4:50 PM, Cooper Science Building Room 315 (CS 315)

Instructor: Aswad Alhassan
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Office Hours (subject to change): Tuesday 10:00 AM – 11:00 AM or by appointment

Course Information:

Helps students master problem solving in physics. Work in small groups with the assistance of a professor who will guide their work and teach them to analyze and set up problems on mechanics and thermodynamics. Intended to help students succeed in physics.

Course Objectives:

- Identify common types of problems and techniques utilized in solving algebra and trigonometry-based physics problems.
- Enhance your ability to analyze and solve physics problems through expanded practice with problems similar to those encountered in PHYC 110

Course Structure:

- **In-Class Activities:**
  We will primarily spend our time doing in-class problem-solving activities. Please bring paper, a pen or pencil, and a calculator to class to show your work for in-class activities and be prepared to hand it in at the end of class.

- **Attendance:**
  Students are expected to be present for every class. Only exceptional cases (e.g., illness) will be considered excused absences, and students are still responsible for completing the assigned problem-solving activities. You must contact the instructor before missing class for an excused absence.

Course Grading:

Your grade is based 100% on in-class activities. Simply attending without participating is not enough to earn credit. The grade scale on the following page will be used to determine your letter grade.

A	93 – 100%
A-	90 – 92%
B+	87 – 89%
B-	83 – 86%
C+	77 – 79%
C	73 – 76%
C-	70 – 72%
D+	67 – 69%
D	63 – 66%
D-	60 – 62%
F	Below 60%

University Policies and Statements:

- **University Statement**
  We are committed to ensuring that all members of the community are welcome, through valuing the various experiences and worldviews represented at Ball State and among those we serve. We promote a culture of respect and civil discourse. If you need course adaptations or accommodations because of a disability, please contact the instructor of record as soon as possible. Ball State's Disability Services Office coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability Services can be contacted at 765-285-5293 or dsd@bsu.edu

- **Freedom of Expression**
  In this course, we are committed to fostering a learning environment that values intellectual diversity, encourages free expression, and promotes open inquiry. As members of the Ball State Community, we treat each person in the Ball State community with civility, courtesy, compassion, and dignity and respect, and learn from differences in people, ideas, and opinions. Please review Ball State University's Statement on Freedom of Expression, the resources on Ball State's Freedom of Expression webpage, and Ball State's Beneficence Pledge.

Academic Dishonesty:

"To maintain its credibility and reputation, and to equitably assign evaluations of scholastic and creative performance, Ball State University is committed to maintaining a climate that upholds and values the highest standards of academic integrity." Refer to the following BSU website for more information:

https://www.bsu.edu/about/administrativeoffices/vice-provost/student-services/academic-integrity

Disclaimer: This syllabus is subject to change in the event of extenuating circumstances.