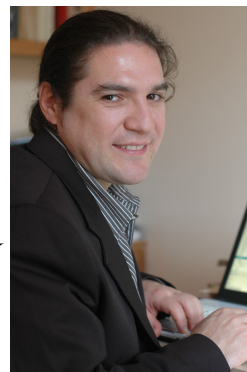


PHYSICS 218, FALL 2010



Instructor :

Artem G. Abanov, office: MPHY 415, phone: 5-7799, email abanov@tamu.edu

Class:

Physics 218, sections 813-815, time: Tue. and Thu. 9:35 – 10:50, location: MPHY 204

Course website:

<http://faculty.physics.tamu.edu/abanov/courses/P218STEPS/index218STEPS.html>

Office hours:

Time: Tuesdays and Thursdays 8:30 – 9:30 or by appointment , location: MPHY Roof Garden (if weather permits) or my office.

Textbook:

“Don’t Panic: Volume I”, by William H. Bassichis, 5th Edition

Grading:

Exams	45%
Labs	10%
Homework Quizzes	5%
Quizzes	5%
Final Exam	35%

You must pass labs (>70%) part of the course separately in order to pass the course. If your grade on the Final Exam is higher than your lowest grade on one of the three exams during the semester, the grade on the Final will replace that one lowest exam grade in computing the course grade (it will only replace one grade in case of two exams having the same lowest grade). The Final Exam grade cannot be used to replace an exam that has been missed without a University excused absence. The missed exam will count as a zero when computing your final grade.

Labs:

You will be given lab write ups for each lab.

Recitation/Quizzes:

You will have 10 short Quizzes at recitations throughout the semester.

Homework Quizzes:

You should be ready for a short quiz (clickers) at the end of Thursday's lecture each week.

Clickers:

We will use CPS clickers for various kinds of assessment: pop quizzes, *homework* , in class discussion, etc. You will need to buy the clickers at the MSC Bookstore and register them for this class at <http://elearning.tamu.edu> (you will not be able to do that in the first week of the classes)

Schedule:

Week	Topic
Aug 30	Calculus
Sept 06	One Dimensional Motion
Sept 13	Vectors and Two Dimensional Motion
Sept 20	Newton's Laws
Sept 27	The Second Law, EXAM I
Oct 04	Work and the Work Energy Theorem
Oct 11	Potential Energy Functions
Oct 18	Conservation of Energy
Oct 25	Conservation of Momentum, EXAM II
Nov 01	Polar Coordinates, Circular Motion
Nov 08	Torque and Angular Momentum
Nov 15	Conservation of Angular Momentum
Nov 22	EXAM III
Nov 29	Harmonic Motion
Dec 06	Frames of Reference, Review
Dec 08,09	Reading Days, no classes
Dec 10	FINAL EXAM (December 10, Friday 12:30–2:30 p.m.)

Course policies:

1. It is your responsibility to determine what material is being covered each class and the dates of all exams
2. Team work is encouraged outside of class but not on exams
3. You should expect a quiz each class
4. No calculators or notes are permitted on exams
5. Makeup exams are only for University excused absences
6. You should come to lecture having read about the topic and tried problems
7. You should come to recitation with questions on problems
8. You should read the lab manual before each lab

SPECIAL NOTES:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please contact the Department of Student Life Services for Students with Disabilities in Cain Hall or call 845-1637.

Aggie Honor Code

“An Aggie does not lie, cheat, or steal or tolerate those that do.” The university has instituted several penalties for students involved in scholastic dishonesty, including plagiarism. For more information, go to www.tamu.edu/aggiehonor.