

2015

# Physics 129 How Things Work Laboratory Spring 2015 Online

Tim Kosiek

*Parkland College*, [tkosiek@parkland.edu](mailto:tkosiek@parkland.edu)

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# PHY 129 – HOW THINGS WORK LAB

## Course Webpage:

cobra.parkland.edu

## Instructor:

Tim Kosiek, [tkosiek@parkland.edu](mailto:tkosiek@parkland.edu)

## Course Description:

Lab portion of a conceptual course for non-science majors exploring everyday phenomena: musical instruments, photography, flight, electricity, bicycles, engines, etc. to examine how they work.

## Textbook:

How Things Work, 5<sup>th</sup> edition, Bloomfield

## Course Components:

- 1) There are 8 labs to be completed, written up, and handed in during the semester.
- 2) Although each lab tries to use everyday household items, the student may need to purchase some items at the store (so plan on spending \$20-\$25 during the semester).
- 3) Lab quizzes consist of 5-10 questions and cover material discovered or understood through the lab.

## Deadlines:

Every assignment that is due will be on a Sunday at Midnight. **NO LATE WORK IS ACCEPTED!** Plan ahead – the best strategy is to hand in the assignments **AT LEAST** a day ahead of time.

## Grades:

85% - lab reports  
15% - lab quizzes

## Interaction with the Instructor & Extra Help:

You should go to [angel.parkland.edu](http://angel.parkland.edu) with questions. This is the easiest and fastest way to get a little extra help in this course. The instructor will check questions here at least once a day to respond to your posts. However, other students (or the instructor) may respond to

your posts at any time. In addition, seek out the resources available to you - learning physics online is a challenge and you may find yourself needing extra help. Use other web sites (do a google search on a difficult topic), communicate with other students from this class, find peer tutoring, online tutoring, etc.

### Disabilities:

If you believe you have a disability for which you may need an academic accommodation (e.g. an alternate testing environment, use of assistive technology or other classroom assistance) please contact:

- Nancy Rowley
- Associate Coordinator, Office of Disability Services
- X148
- 351-2588
- [nrowley@parkland.edu](mailto:nrowley@parkland.edu)

### Center for Academic Success:

The Center for Academic Success provides a wide range of academic support services to enable you learn well, grow as a student, succeed in your classes, and excel at what you do. These services include the following:

- **Tutoring and Learning Assistance:** Make use of walk-in tutoring services provided by faculty, staff and trained peer tutors on a daily basis. Many students come to get help in reading, writing, math (all levels), and study skills.
- **For-credit Instructional Modules and Supplemental Tutorials:** Enroll in one-credit hour Tutorials to supplement classroom instruction in reading, writing, and math. Instructional Modules are also available to eligible students to complete certain coursework requirements.
- **Advising and Advocacy:** Work with our team of advocates and academic advisor to plan a semester schedule, understand transfer requirements, or manage issues that stand in the way of school.

For more information, please contact Anita Taylor (Phone: 403-4580) or Gail Hoke (Phone: 351-2441) in D120. You may also email the CAS at [CenterForAcademicSuccess@parkland.edu](mailto:CenterForAcademicSuccess@parkland.edu).