

# ERTH01 – THE PLANETS

## Instructor

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## Class Times and Location

Lecture:	M, W, F	12:00 - 12:50 PM	Pepper Canyon Hall 106
Problem Sessions:	Tues.	9:00 - 10:00 AM	York Hall 3030
	Wed.	6:00 - 6:50 PM	Cog. Sci. Bulding 002

While attendance will not be taken in class, we will be using hyper-interactive technology (H-ITT) in class that will require your participation (see grading policy below). In addition, some aspects of the course material will be covered in more detail in class than is given the text, so it is highly recommended that you not only bring your body to class, but your mind and your concentration as well! There will also be the occasional in-class quiz (Question of the Day) that will count toward your grade (see grading policy below). Attendance at problem sessions is optional.

## Grading (see below for more information on grading policy, etc):

Problem Sets (homework)	20%
H-ITT Participation	15%
Question of the Day	10%
Mid-Term Exam	20%
Final Exam	35%

## Required Text & Equipment (at bookstore)

Textbook Title: The Planetary System  
Authors: David Morrison and Tobias Owen  
Publisher: Addison Wesley, 2003

H-ITT Equipment: Button Remote Handheld Transmitter (clicker)

## H-ITT Classroom Remote System

In this class we will use the H-ITT (Hyper-Interactive Teaching Technology) system, an interactive technology that has been used successfully in large introductory science classes worldwide. The goal of the H-ITT system is to encourage student participation and assist in your learning and our teaching. This is the second time we have used the technology in this class and we hope you will find it helpful and fun.

You each should purchase a remote transmitter (or clicker, much like a TV remote) from the bookstore when you purchase your required textbook for the class. We will explain in the first class how the technology works - essentially your clicker remote will be used to answer multiple choice questions. We will ask 2 or 3 of these questions during each class and each will be designed to help gauge whether you are understanding the material and will thus allow us to respond accordingly. Receivers around the classroom record your answer and software on our laptops identifies your response with your student ID.

We will use the technology in two ways that will count a total of 25% toward your grade:

1. Student participation. We will ask multiple choice/true false questions designed to help both you and us assess learning. You will get the same credit for responding to the answers whether or not your response is correct. These questions will count a total of 15% toward your grade.
2. Question-of-the-day. We will ask 1 or 2 questions per week (in other words about 1 question every other class). These questions will also be multiple choice and you will receive 1 point for a correct answer and 0 points otherwise. These questions will usually be based on material covered in the previous class and will be straightforward in nature, testing learning rather than memorization. These questions will count a total of 10% toward your grade and up to 3 points (3%) can be used for extra credit.

\* Note that for the first TWO weeks of class, we will only practice using the H-ITT system. During these two weeks, your answers will not count toward your grade. This practice time should give everyone enough time to purchase a remote transmitter from the bookstore and register their remote online (we will provide more information about this in class at the end of Week 1). However, beginning Week 3, we will begin to collect your electronic responses and at this time your answers (and participation) will count toward your grade.

## Grading Policy

### Homework

There will be 7 weekly problem sets. These will be handed out on Fridays and will be discussed in the optional problem sessions. In general, they will be due at the beginning of class the following Friday. The lowest graded homework will not be counted in the final tally. This means that you have one no-questions-asked excused homework.

*Late Homework:* Because you can drop your lowest homework grade (see above), late homework will NOT be accepted.

*Working Together on Homework:* Studies have shown that students learn best when they work together. We encourage you to work with each other on assigned homeworks. However, each student must turn in his or her own assignment, written using his or her own words. Any student who fails to follow this rule will receive zero credit for the question, and if the offense is severe, for the assignment.

### Hyper-Interactive Technology (H-ITT) Questions

We will ask questions in class that will require your participation using the H-ITT system described above. We will attempt to ask a few questions during each class that will require you to "buzz in" your answer through your individual handheld remote. You will get the same credit for responding to the answers regardless of whether or not your response is correct. These questions will count a total of 15% toward your

grade. Note: your body must be physically in the classroom during each class to receive credit for the H-ITT questions. One person, one remote at all times. Violating these rules will result in the loss of remotes (and H-ITT credit) for the remainder of the quarter.

### **Question of the Day**

In some classes (chosen randomly) there will be a Question of the Day based on the material from the previous lecture. There will be a single question and a correct answer will give you one point. Ten points will count toward your final grade and up to three additional points can be used for extra credit.

### **Exams**

There will be one midterm exam and a final exam; the final exam will be cumulative. Both exams will be signed by the test-taker and ID's will be checked when you turn them in. The midterm will be given in class on Wednesday, April 26th; the final exam is scheduled for Friday, June 16th from 11:30 - 2:30pm. You will be allowed to bring a single 8.5" by 11" sheet of paper to the exams with notes on it. It must be handwritten on one-side only and must be turned in with your exams.

### **Make-Up Exams/Early Exams**

Make-up exams will not be given except when a student misses the exam for a legitimate reason such as illness or family emergency (a doctor's note is required in the case of illness). Please get in touch with us as soon as possible if such a situation arises. Anyone with sporting event conflicts must provide at least 2 weeks notice with appropriate signed paperwork.

### **Regrades**

Although we work very hard to grade homework and exams correctly, we aren't infallible. You may submit assignments exams for re-grading, subject to these rules:

- When you submit an assignment or exam for a re-grade, you must also submit a written description of what you think we did wrong.
- We will re-grade the entire assignment or exam, not just the portion you feel was graded incorrectly.
- Because we will re-grade the entire assignment or exam, your grade will not necessarily improve as a result of the re-grade - if we find something wrong that we missed before, your grade could drop.
- We will not re-grade any assignment that is written in pencil or erasable ink.

### **Course Grades**

Course grades will be based on homework (20%), H-ITT participation (15%), Question of the Day (10%), the midterm (20%), and final exam (35%). Extra credit earned through answering more than 3 in-class questions correctly will be added on to your cumulative grade.

### **UCSD Policy on Integrity of Scholarship**

UCSD has an established policy on academic honesty that we will follow in this class. You can also find the policy on page 72 of the General Catalog.