

## ASTRONOMY 4-61

### **Solar System Astronomy**

CRN: 00068

De Anza College

Summer, 2019

Instructor: Dr. Eric Peterson

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Classroom: PLT

Textbook: <https://openstax.org/details/books/astronomy>

(Select your preferred option under the header: Get This Book.)

### **Introduction to Astronomy 4**

Astronomy 4 is an introductory-level course which concentrates on the planets of our solar system and what we have learned about them in the past 60 years of space exploration.

The course has no prerequisites. However De Anza College does advise the following: English as a Second Language 5. The class is taught with the non-science major in mind.

### **Class Format**

Our in-class time will be divided between lectures and audio/visual programs, including videos and demonstrations with the Fujitsu star projector and the Digital Sky system. You can expect to be tested on all of the material presented in class as well as in the textbook. The material presented in class will not always be covered in the book, and vice versa.

### **Registration**

If you wish to add the class, you must attend the first day, and you must obtain an add code from me. It is your responsibility to use the add code before the deadline.

### **Attendance**

Regular attendance is required. Attendance will be taken at every class meeting, and I will be free to drop you from the course if you have four or more unexcused absences. However, official withdrawal from the class is still the **student's responsibility**.

## **Reading Assignments**

<b><u>Week of</u></b>	<b><u>Chapter</u></b>
1. July 1	1-4
2. July 8	5, 6, 15, 16
3. July 15	7, 14.3-14.5, 21.3-21.6, 8
4. July 22	9, 10
5. July 29	11, 12
6. August 5	13, 14.1-14.2

## **Exams and Grades**

Your class grade will be based on your performance on midterm exams and the final exam.. There will be **no extra credit**.

There will be three midterm exams. They represent 50% of your grade. Your lowest midterm grade will be dropped. **There will be no makeup exams**. If you miss an exam, that will count as your low score. Students who miss two exams must withdraw before the final withdrawal date or receive an “F” grade for the class.

The final exam will be comprehensive and will account for 50% of your grade. The final exam must be passed in order to pass the class.

The exams will be held on the following dates at 6:00 PM, in class:

First Midterm Exam:	Tuesday, July 9th
Second Midterm Exam:	Thursday, July 18th
Third Midterm Exam:	Tuesday, July 30th

Final Examination:	Thursday, August 8th
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**All exams must be taken at the scheduled time on the scheduled day.**

The exams will be of the multiple choice variety, and they will be graded on a curve. You will need a ParSCORE answer sheet and a #2 pencil for each exam.

## **Planetarium rules**

The director of the planetarium hopes that your use of the facility is enjoyable and worthwhile. In order to maintain the Planetarium's valuable services to the community, he asks that you observe the following:

- \* Absolutely no food, drink, or chewing gum is allowed in the planetarium.
- \* Do not litter.
- \* Do not leave bicycles or skateboards inside the building.

**Student Learning Outcome(s):**

- \*Appraise the benefits to society of planetary research and exploration.
- \*Compare and contrast the development of planetary systems and of the major planet types, including those factors that have led to Earth's unique characteristics.
- \*Evaluate astronomical news items or theories concerning solar system astronomy based upon the scientific method.