ASTRONOMY 10

Stellar Astronomy
De Anza College
Summer 2020

Instructor: Eric Peterson, Ph.D.
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(You can also use the Canvas Inbox)

Textbook: https://openstax.org/details/books/astronomy
(Select your preferred option under the header: Get This Book.)

Introduction

Astronomy 10 is an introductory course which is intended to provide a survey of our knowledge of the stars, galaxies, and of the entire universe. We will examine both the history of humanity's quest to understand the cosmos as well as the current state of that understanding. The course has no prerequisites. However De Anza College does advise the following: English Writing 1A or English as a Second Language 5. The class is taught with the non-science major in mind.

Format

This is an asynchronous online class taught through Canvas. Each week I would like you to do the following:

1. Read the assigned reading for that week
2. Watch assigned powerpoint lecture(s)
3. Watch assigned video(s)
4. Take a weekly test

The reading assignments are on the next page of the syllabus.

Exams and Grades

Your class grade will be based on five weekly quizzes and a comprehensive final exam. All will be online through Canvas. The quizzes will constitute 50% of your grade; each individual quiz will be 10% of your grade. The final exam will be the remaining 50%. All of the tests will consist of a combination of true/false and multiple choice questions

Reading Assignments

Week of		**Chapter**
1.	June 29	1, 2, 3, 4.1-4.2, 4.5-4.7
2.	July 6	5, 6, 15, 16
3.	July 13	17-19, 20, 21.1-21.2, 22
4.	July 20	23-25
5.	July 27	26-27
6.	August 3	28-29

Student Learning Outcome(s):

*Appraise the benefits to society of astronomical research concerning stars and stellar systems.
*Evaluate the impact on Earth's characteristics of the evolution of stars and stellar systems.
*Evaluate astronomical news items or theories about stellar astronomy based upon the scientific method.