

## Astronomy 10 SYLLABUS

- **Schedule # 55163 Fall 2018**
  - **Lecture class Tuesday 2:00 – 3:15 PM in PHY 76**
  - **and Wednesday from 2:00 – 3:15 PM in PHY 70**
  - **Lab class Thursday 2:00 – 3:50 PM in PHY 70**

### Contact Information:

- Instructor Name: Lauren J. Novatne
- Phone Number: 638 – 3641 ext. 3434
- Email: [lauren.novatne@reedleycollege.edu](mailto:lauren.novatne@reedleycollege.edu)

### Office hours:

- Monday 8 - 8:50 and 11 -11:50, Wednesday 8-8:50  
Thursday 11- 11:50 AM, and Friday 11-11:50

### Recommended Course Materials:

- Textbook: **Is online and FREE!!** There is a module close to the top of the Canvas page called "Astronomy Textbook and Crash Course Astronomy Link for this class". Click on the file titled "Astronomy textbook – it's a pdf file that you can view online or download to read.

### Course Objective:

This course covers Astronomical concepts with a minimum of math, while fulfilling the science with a lab general education requirement for the CSU and UC systems. The topics covered in this course are: The planets, solar system mechanics, stellar evolution, galaxies and basic cosmology.

### Calendar:

- Holidays: Monday September 3<sup>rd</sup>, Monday November 1<sup>th</sup>, Thursday and Friday November 22<sup>nd</sup> & 23<sup>rd</sup>
- December 10<sup>th</sup> – 14<sup>th</sup>: Final Exams
- **LAST DAY TO DROP THIS CLASS: FRIDAY October 12<sup>th</sup>. AFTER THAT DATE, I MUST GIVE YOU A GRADE!!**

**Final Exam: Tuesday December 11<sup>th</sup> at 2 PM in PHY 70 – the room where the class is held**

## Exams:

Exams: There will (probably) be three midterm exams and one final exam. The exams have conceptual questions that are multiple choice in format, and some short answer questions from the lab activities, the CCQs and the Reading questions. There will also be some very simple algebra problems that are appropriate for astronomy. Don't worry; you'll have lots of support for the math part. The exams contribute **60%** of your semester grade, so they are very important to prepare for. The exams are online, in only during the first hour of our two-hour lab. We will have some activity to do after the exam is completed.

## Crash Course Questions (CC Qs):

Doing CC Qs assists you in two ways: 1) it helps you learn the material, and 2) it lifts your grade.

The CCQs are **10%** of your semester grade. This means that if you get 100% for the other parts of your grade, and don't do any CCQs, you will get a 'B', not an 'A' for the course. It also means that if you do the CCQs, and your grade is a 75%, you will get a 'B' in the course, not a 'C'.

## Laboratory:

This class has a lab that is mandatory. There will be lab results (sheets that I provide you with) due at the end of each session. The lab results will constitute **10%** of your semester grade.

## Online Discussions:

There are online class discussions that are graded. These discussions cover several topics, and can be varied in type. Discussion accounts for **10%** of your grade. I will provide you with a rubric on how you will be graded for each discussion topic to assist you in getting the grade that you want. The objective of the discussions is twofold: 1) assist in creating the important sense of community in the class and 2) help you clarify your understanding of the discussion topics.

## Reading Questions:

The reading questions will be from the textbook, and the answers can be found in the text, and also online. The Reading Questions are worth **10%** of your grade.

**Grading Policy:**

<b>% Grade for the Class</b>	<b>Letter Grade For the Class</b>		<b>Category of classwork</b>	<b>% of Class Grade</b>
90 – 100 %	A		Exams	60%
80- 89 %	B		Crash Course Questions	10%
65 – 79 %	C		Lab Reports	10%
55 – 64 %	D		Online discussion	10%
0 – 54 %	F		Reading questions	10%

**Accessibility Accommodation**

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the rehabilitation Act, please contact me as soon as possible.