

## Hybrid Format Astronomy 10 SYLLABUS

- **Schedule # 52001 Spring 2018**
- **Lecture content on the class Canvas page**
- **Lab class W 1:00 – 2:50 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:

- Tuesday 9:00- 10:00 AM Virtual Office Hour via email
- Wednesday 11 to 12:40 AM

### Recommended Course Materials:

- Textbook: “**The Cosmic Perspective Fundamentals**”, Bennett, Donahue, Schneider and Voit, 2nd edition, Pearson/Addison-Wesley Publishers

### 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 January 15<sup>th</sup>, Friday February 16<sup>th</sup> and Monday February 19<sup>th</sup>, March 26<sup>th</sup> – 29<sup>th</sup>
- May 14<sup>th</sup> - 18<sup>th</sup> Final Exams
- **LAST DAY TO DROP THIS CLASS: FRIDAY March 9th. AFTER THAT DATE, I MUST GIVE YOU A GRADE!!**
- **Final Exam: Wednesday May16<sup>th</sup> at 1 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. 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.

**You will need to purchase 882E Scantron forms for the exams.**

## Homework:

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

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

## Video Questions:

The Crash Course Astronomy (CCA) videos are mandatory viewing, and there are questions to answer for each episode. The CCA 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		Homework	10%
65 – 79 %	C		Lab Reports	10%
55 – 64 %	D		Online discussion	15%
0 – 54 %	F		Video 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.