Astronomy 10-51160   Introduction to Astronomy
Mr. Timothy Evans   **Semester**: Summer 2019
Office: N/A   **Meeting Room**: PHY 70 (Lab)
Office Hours: (E-mail me anytime) **Time:** 2:00pm — 4:50 pm (Tu/Th, Lab)
Meeting Days: M-Th   10:00am — 11:50pm (M-Th, Online)
E-Mail:
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COURSE DESCRIPTION: 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.

REQUIRED TEXT: 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.

ATTENDANCE: This is a hybrid course, which means there will be a mixture of traditional on-campus meetings and online coursework. You will be expected to attend every lab section on Tuesday and Thursday, and you should expect to be working around 3 hours per day every week, Monday through Thursday (our meetings during the first week will be M-F) at a minimum. This may sound like a lot, but we must do 18 weeks of work in a 6-week semester, so it is very intense. Because of this, it is critical that you do not miss any assignments or lab sessions, or you may fall behind!

Behavioral Standards: Your classmates and I would greatly appreciate that students in the class take care of any personal needs (i.e., using the restroom, getting a drink, sharpening a pencil) before class begins. Please turn your phone off when entering the class. You may not use your phone as a calculator. Do not bring guests to class.

TARDIES: Students are expected to be on time. It is distracting, rude and unfair to fellow classmates and to the instructor when a student is late. It is your responsibility to notify the instructor (on a break or after class) that you are present if you arrive after roll has been taken.

EXAMS: There will be three midterm exams and one final exam which are equally weighted at **15%** each. 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. The exams contribute **60%** of your semester grade, so they are very important to prepare for. We will take the exams in the lab section; they will only be an hour or so in duration so we will do a lab beforehand. **Exams are closed notes and on your own.**

CRASH COURSE QUESTIONS (CCQs): These are questions that you can find the answer from the CCQ videos; there will be around 8-12 sets of these per week, but they are not very long in duration or length. These questions serve as a guide/catalog for studying for the exams, so they are critical to complete. The CCQs are **10%** of your semester grade. **CCQs are assigned between M-Th at 10AM and are due at 1PM the following session (e.g., if a CCQ is assigned Monday, it is due Tuesday; if a CCQ is assigned Thursday, it is due Monday.)**

QUIZZES (ONLINE): You will have four quizzes total, one for each unit of the course. These will be taken on Canvas; the quizzes will be multiple-choice or fill-in-the-blank questions. Quizzes are designed to give you practice for the type of exam questions you'll see; you may work on your own or in-groups on the quizzes and you may use any notes that you like. **Quizzes will constitute 10% of your grade and must be taken on the specified day between 10AM and 1PM. These are 30 minutes in duration, so allow enough time to be completed by 12:55PM or so.**

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. Depending on weather and what the class would like to do, we may schedule one lab day to be at a different time so that we can observe at night (friends and family welcome!)

READING QUESTIONS: The reading questions will be from the textbook, and the answers can be found in the text, and online. The Reading Questions are worth **10%** of your grade. These are assigned periodically (check the schedule/Canvas) and due **three class meetings** later.

% Grade for the Class	Letter Grade for the Class		Category of Classwork	% of Class Grade
90 — 100 %	**A**		**Exams**	**60%**
80 — 89.99 %	**B**		**Crash Course Questions**	**10%**
65 — 79.99 %	**C**		**Lab Reports**	**10%**
55 — 64.99 %	**D**		**Reading Questions**	**10%**
0 — 54.99 %	**F**		**Quizzes**	**10%**

WHERE TO FIND YOUR GRADE:

I will put your grades on Canvas. Please see above for the grading schema; I generally do not "round" grades at the end of the semester as a rule.

SPECIAL NEEDS REQUESTS: 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.

Academic Dishonesty

Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. Academic dishonesty in any form is a very serious offense and will incur serious consequences.

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another's work, supplying one's work to another, giving or receiving copies of examinations without an instructor's permission, using or is playing notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Plagiarism is a specific form of cheating: the use of another's words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights.

Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

Class Cancellation Notification
If I must cancel class for reasons beyond my control, I will inform the Dean's office as soon as possible and there will be an official notification posted on the door. You can also check on the Reedley College website where the administration updates what classes are cancelled. Finally, Canvas will be used to inform you of a class cancellation, which you can check online or on your cell phone if you download the app for your mobile phone.

IMPORTANT DATES:

- The first day of instruction is **Monday June 24th(online)**
- The first day of lab is **Tuesday June 25th (in-class, room PHY 70)**
- **Thursday July 4th – NO CLASS**
- The last day of instruction is **Thursday, August 1st**

- EXAM 1 — Tuesday, July 2nd
- EXAM 2 — Thursday, July 16th
- EXAM 3 — Thursday, July 25th
- FINAL EXAM — Thursday, August 1st

Monday	Tuesday	Wednesday	Thursday	Friday
June 24	June 25	June 26	June 27	June 28
July 1	July 2	July 3	July 4	July 5
July 8	July 9	July 10	July 11	July 12
July 15	July 16	July 17	July 18	July 19
July 22	July 23	July 24	July 25	July 26
July 29	July 30	July 31	August 1	August 2

	Regular Class Meeting Day
	Holiday
	No Class Meeting