Welcome to Astronomy 100!
This is an orientation letter to get you started with the course and to give you a guide to how this online course functions. This is not the course syllabus! That is found at the Canvas class website (see below).
You are required to read the following to know how to properly enroll in the class and to know what is expected.
This class is full. Read the following to be sure you want to be enrolled in this course (please note that online courses are not easier than traditional classroom courses).

To succeed in the course, you must:

• Be computer literate, internet savvy, and have access to a good high-speed connection throughout the semester. Technical difficulties do not constitute excuses for missed assignments. Figure out all of your computer issues ASAP and have a back-up plan. Computers are also available on campus in the library.
• Have a current valid email account which you regularly check. This should be your CoC student email account.
• Examine thoroughly BOTH course websites:
  1) The Launchpad website. (Available the Sunday before the class begins). Register at the publisher’s website: http://www.macmillanhighered.com/launchpad/slater2e/, or you can link to that site from the Canvas class website. Once there, setup an account (be sure to keep track of your login and password!). To register you will need the access code that you will purchase at the same publisher’s site (see Registering below). You must register by the end of Thursday of the first week of class or you will be dropped from the course. Registering allows you to use the Launchpad (see below).
  At this website you will find your Assignment Schedule detailing which topics to study, HW to do, links to follow, and videos and animations to analyze, discussion boards in which to participate, quizzes to take, and other weekly assignments and goodies. Pay attention to the due dates each week (in general complete a chapter’s material every week).
  2) Canvas: You will need to log in to the Canvas website for this course (https://coc.instructure.com/). Lectures are posted on the Canvas course site and course email is sent through Canvas.
• Read the Course Syllabus (found at the Canvas course webpage) for a description of what this course entails, what is required, and how your grade will be determined.
• You must log in to the Launchpad and complete the Course Survey and the Introduce Yourself assignments (both found atop the Assignment list at the Launchpad website) by their due dates at the end of the first week, or you will be dropped from the course.
Registering for the Launchpad

Launchpad is the publisher’s website wherein is found the electronic version of the full textbook, called the eBook, containing many animations, videos, tutorials, and much more. And, it is where you complete the required weekly reading quizzes and assignments. Most of the course takes place on the Launchpad.

You need to purchase access to the Launchpad for Investigating Astronomy, A Conceptual View of the Universe, 2nd ed., by Slater and Freedman.

To obtain access to the Launchpad, follow these steps to get started. If you need additional guidance, consult the student Get Started guide, especially the system requirements which list the recommended browsers.

1) Go to http://www.macmillanhighered.com/launchpad/slater2e/
2) Bookmark the page to make it easy to return to.
3) Enroll in our class using one of the following options:
   • If you have an access code, select "I have a student access code," and enter the code exactly as it appears on the card, and click Submit.
   • If you do not have an access code, either click "I want to purchase access" and follow the instructions, OR purchase a text package that includes an access code from the bookstore.
   • If you need to start working but cannot purchase right away, select "I want temporary access" and follow the instructions.
4) BE SURE TO REGISTER IN THE CORRECT SECTION!
5) If you have problems registering, purchasing, or logging in, please contact Customer Support. You can reach a representative 24 hours a day, 7 days a week:
   • via this linked online form (http://support.bfwpub.com/supportform/form.php?View=contact)
   • via this linked chat (https://macmillan.desk.com/customer/widget/chats/new)
   • via this link; https://macmillan.desk.com/customer/widget/chats/new
   • or by phone at 1 (800) 936-6899 from 9 a.m. to 3 a.m. EST, 7 days a week.
   • Or following these links: to navigate and start using LaunchPad please consult the Get Started guide and/or view this video.
6) Warning from the publisher of Launchpad;“Because our rich media runs on Flash, iPads, iPods, iPhones, and other mobile devices are not supported. Using an unsupported device or browser may prevent you from registering, logging in, navigating the site, assigning items, and submitting answers to a quiz.”

Some Preliminary Advice about Studying

As with any science course, this course requires A LOT of studying. DO NOT procrastinate on your studying! If you wish to be successful in this course, starting the entire week’s reading on the day it is due is NOT a good idea (note that I can see when and for how long you are working on the Launchpad).

You should keep a notebook for this class with reading notes, drawings, and quiz questions, questions you have, and your explanations of concepts. It is very important that you practice writing down all of your work in a logical and organized manner. The

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Exams will be based on the quality and correctness of your answers. Incomplete answers will not receive full credit, nor will answers where you have written everything possible that may or may not be associated with the questions. Thus, practice writing good explanations of core concepts in your notebook, as you study each week. To find out more about how to study for the Exams, read the Study Guide found on the course website.

Each Week

Work on the Assignments at the Launchpad and study the corresponding chapters. You can either read the chapter in the printed text or using the eBook online at the Launchpad.

• When starting a new chapter, first, browse the chapter to get an overview of the material by reading the introduction, summary, and studying the drawings and pictures.
• Then identify the corresponding section of the Study Guide and write the vocabulary in your notebook, leaving space to fill in for your definitions.
• Carefully read the chapter, defining the vocabulary in your notebook as you proceed, paying attention to how scientists have figured out what is being written about, how the objects describe operate or behave, and how concepts in each chapter and previous chapters relate.
• Take notes on important concepts in a notebook (you can also do so in the eBook) and write your own written explanation of the important concepts. It also may be good practice to redraw significant drawings and photos.
• Study the lecture notes (posted on the course Canvas site).
• Look at each chapter’s Animations and Interactive Exercises, at the Launchpad. There are plenty of Resources to be found for each chapter, play with these each week so that you feel you are gaining knowledge but do not overwhelm yourself with all of these resources. The majority of your time should be spent simply reading the chapter and lecture notes.
• Each week you are required to complete the corresponding chapter’s LearningCurve. This is "a formative assessment activity that uses a game-like interface to guide students through a series of questions catered to their individual level of understanding" (from the textbook’s website). It is a valuable study aide and displays which categories of concepts you understand well and which you need to review - good preparation for the quizzes and exams!
• Plan to spend about 6-9 hours studying each week.

Discussion Boards and Blogs

These are found at the Launchpad website (see above) and are used for student interaction, students questions, posting thoughts on various articles and assignments, and final project essays. Details are explained for each assignment. On the Discussion Boards you will participate in the discussions using complete sentences, following Netiquette (http://www.albion.com/netiquette/corerules.html), and

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post thoughtful responses (not quick reactions). Grading will be based on participation and quality of responses.

Complete the assignments in the time allotted, do not race to post nor race to complete an assignment, but always give yourself enough time to post something of quality, only such a contribution is what a college student should try to achieve.

Taking Online Quizzes

Once you have completed studying a chapter and completed its corresponding activities, you should then take the Chapter Quiz (becomes available toward the end of each week). Taking your quizzes at the last minute is NOT a good idea.

Study as much as you can during the week without overwhelming yourself on any one day. Once again, you should not attempt to cram everything in on the day it is due!

To take a Quiz go to the Launchpad and search the weekly assignments from the home page and take the assigned quiz for that week. The quiz is timed and you can only take the quiz once in one sitting (just like a traditional non-online quiz!).

You should be able to review any of your scores on your Gradebook page any time after you submit an assignment. In your notebook record your answers (both right and wrong along with reason why) for future studying.

Preparing for the Exams

The Exams are given on the Launchpad after the completion of each unit of material at the times indicated in the Course Policy Calendar (exams appear on the Launchpad during the window of time indicated in the Course Policy Calendar, but not before.). By the time of the Exams, you should have completed reading and studying each assigned chapter (see how above) and have completed all previously assigned weekly reading quizzes.

To prepare your review for the Exams first read the Study Guide found on the Canvas course webpage and practice writing responses to the Study Questions. At that point in your studying of the previously read chapters it might be a good time to then thoroughly review your notes.

Where to get help

Come to my office hours,
Send me an email: david.michaels@canyons.edu,
Post questions on the Help Me, Please! discussion board (found on the Assignment list on the Launchpad).

For help with the Launchpad “...call 1-800-936-6899 or click here for more options”

For help with Canvas call Tech support at (661) 362-3344, use the help feature on Canvas, or call Canvas support (844-698-7484)

Looking forward to seeing you online in class!
Professor David Michaels

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Frequently Asked Questions

Is there a guide to the online course?
Yes. This Orientation Letter. It is found on Canvas.

Do I need to log in to Canvas or the Launchpad?
Yes. Both. During the first week or you will be dropped from the course.

What needs to be done and Canvas?
Find and read the Lecture Notes and Study Guide. Weekly discussion boards are also on Canvas.

What needs to be completed on Launchpad?
Everything else, including all assignments.

Is the Launchpad the primary way we will be handling all course assignments? discussion boards, quizzes, etc?
Yes. Almost entirely on the Launchpad. Canvas is where my lecture notes reside and the study guide is posted. Weekly discussion boards are also on Canvas.

Is there a study guide?
Yes. It is found on Canvas.

Are there lectures?
Yes. They are found on Canvas.

Where are the Chapter Quizzes and Exams? I don’t see them!
Quizzes will appear on the assignment list toward the end of each week (usually by Friday 12:01 AM), i.e. this is when you come to take your quiz, usually Quizzes and Exams appear three days before they are due, so keep track of the due dates.

Can we save our answers during quizzes and exams, and return to finish the Quiz at a later time?
No. Just as you cannot ‘save’ your quiz in an on-ground class walk away and return later in the day to finish, you cannot do so online.

Can I make up assignments, quizzes, or exams?
No. Assignments and due dates are all posted from the beginning of the semester. You have plenty of time and warning to complete them all before they are due.

Are there assignments to be completed this first week?
Yes. They are found by due date on the Assignment list on the Launchpad. If not completed, you will be dropped from the course.

Is there an overall list that has all the assignments, their due dates, and where to find them?
Yes. All the assignments for this 8 week fast-paced course are posted in the list of assignments when you enter the Launchpad, or via the Home selection from the menu at left, if you navigate

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away. You can also view assignments by selecting Calendar from the left menu. You will be spending much time on this page. Many of the listed assignments are fun videos, animations, tutorials, and links. Don’t forget or neglect to also read the corresponding chapter in the ebook/textbook, which is also found in the assignment list or via the menu at left.

Do we get points for viewing the tutorials and animations or do they come with an activity? Everything listed under assignments on the Launchpad is indeed an assignment. The point totals are to the right of the name on the assignment listing and not all assignments are worth points. Some are just short videos and animations to watch. The points are usually earned for correctness within the assignment, such as responding to questions within the assignment.

Why do some of the assignments say “Past Due” even though I did all required assignments? Unfortunately, assignments which do not have point values, such as some videos, animations, etc…, will sometimes display as past due after their assignment date; they are helpful assignments but cause no harm.

I did not receive full credit on a Research Project Assignment. My username was marked incorrect!” This is because I will mark your work correct after I review it; credit is not automatically given.

Are there additional resources beyond what is listed under assignments? Yes. On the Launchpad there are self quizzes, “Flashcards” for terminology and concept building, and many more animations not assigned but recommended. The web is loaded with much more and YouTube has many great astronomy videos and lectures. If you find something you think is worth sharing with the class, please let me know and I might post it.

“I was exploring the Launchpad, and for the attendance portion it says to ask your Professor for the pin number to mark yourself present. Is it the same every time or do I need to ask you every time?” I do not use attendance pins or anything else remotely of the sort.

What’s a good way to get help and ask questions? There are two discussion boards. The one on Canvas is intended for week one issues. On the Launchpad the last item on the Assignment list is our class astronomy discussion board for all things astronomical. Post away. You can always email me and come to my office hours on campus.

What if I’m having trouble with technical issues with the Launchpad? First. Always be using laptop or computer, not an iPad or mobile device - see Warning in registration section earlier. If a mobile device was not the issue, then call technical support. They will be “happy to assist you!” Contact tech support via their online form or via phone at 1 (800) 936-6899, or techsupport@bfwpub.com

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