Lectures: tr 2:00–3:50 PM; 182 Lillis Hall
Lecture notes will be available on Blackboard immediately after the lecture.

Instructor: Tim Jenkins, Adjunct Assistant Professor of Physics, 346-5649
tjenkins@uoregon.edu
143 Willamette Hall; t 11:30–1:30 PM; or by appointment.

GTFs: Sean Jacobson, 216 Willamette Hall, mw 2:00–3:00 PM, 346-4770
jacobso3@uoregon.edu
Erin Mondloch, 219 Willamette Hall, mr 10:00–11:00 AM, 346-4780
emondloc@uoregon.edu

Blackboard: https://blackboard.uoregon.edu
You should check Blackboard frequently for announcements, course materials, grades, etc. If a class is canceled due to inclement weather or illness it will be announced on Blackboard.

Companion web site: http://www.aw-bc.com/chaisson

Grading:
- Quizzes: 30%
- Midterm Exam: 20%
- Final Exam: 30%
- Observing: 20%
- 100%

Quizzes, and Exams
There will be a short online quiz on Blackboard after each lecture.

The midterm exam will be **Thursday, October 30** and will cover *Chapters 1, 3, 4, 5, 16, and 17*.
The final exam will be **Monday, December 8 at 1:00 PM** and will be comprehensive with an emphasis on Chapters 18 through 22. If you know in advance you will be absent on the day of an exam, it *may* be possible to take it early. If you have a documented excuse (doctor’s note, etc.) for missing an exam you may arrange to take a makeup exam which may be oral.

Solutions to the quizzes and exams will be available on Blackboard.

Lecture Schedule (Tentative)

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Observing
At least five hours of observing the night sky, both naked eye and optically aided (using binoculars or a telescope), are required. A written observing log must be kept and turned in. The observing log should include the location, date, and time of the observing, sky conditions, equipment used, the type and names of objects seen, sketches of objects observed, and any other relevant information. A sample form is attached. You are not required to use this form as long as you include the same information. A summary sheet (attached) must be included as the first page of the log.

For full credit each of the following objects must be observed in the night sky: two different phases of the Moon, a planet, two constellations, a red giant star or a red supergiant star, a blue giant star or a blue supergiant star, two main sequence stars of different spectral types, a binary star, a variable star, an open cluster or a globular cluster, and a nebula.

Sketches of the moon should show surface features. Sketches of constellations should show the major stars in the constellation. Sketches of other objects should show their location relative to nearby constellations.

If you are unable to observe a required object, other than the phases of the Moon, you may do library or internet research on observing the object. You should include a page in your log writing up your results, including a sketch of what the object would have looked like if you had been able to observe it. Write “internet” or “library” on the summary sheet under date seen. You will receive 3 out of 5 points for the object and a 15 minute time credit. (Note: only one object of each type.)

You may work individually or in groups of up to four people. A group only needs to keep and turn in one observing log. However each member of the group must observe for five hours and observe all the objects.

Grading: 5 points for each type of object (65 points total). 35 points for the observing log. Bonus of 5 points for each hour over five hours up to 10 hours total. Penalty of 15 points for every hour or portion thereof less than five hours. Penalty of 5 points for not using optical aids. Penalty of 10 points for no summary sheet.

Binoculars may be checked out for a period of one week from Dr. Jenkins. There are a limited number; first come–first served.

The observing log may be turned in anytime after five hours of observing are completed. The last day for turning in the log without penalty is Tuesday, December 2. There will be a 10 point penalty for each day a log is late.