

Astronomy & Astrophysics I. 95.383/583 Fall 2012

Information / Course Policy

Instructor : Dr. Silas Laycock
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Course Websites: <http://faculty.uml.edu/slaycock/95.383>

Pre-Requisite Core Physics Curriculum

Course Schedule: MWF@1pm

Class: Monday/Wednesday/Friday @ 1pm
If you know that you will miss a class for unavoidable reasons, please contact me in advance.

Office Hours: Please send email to make an appointment.

Materials:

- Textbook: "An Introduction to Modern Astrophysics, 2nd Ed." by Carroll & Ostlie.
- Also available as a 2 volume set through the bookstore.
- Last year we used: "Astrophysics in a Nutshell" by Dan Maoz, Princeton, however the C&O book includes much more background and introductory material, where Maoz requires access to a good astronomy library.

Homework :

Weekly homework assignment based on end of chapter problems in the text, and analysis of astronomical data using the principles covered in the course.

Practical Astronomy:

We will be using the new robotic telescope on the roof of Olney Hall for night-time observing projects.

Reading

Read the relevant chapter before each class.
Additional reading will be assigned throughout the course
Use the resources suggested on the course website (links etc).

Rules/Policies

1. Make your own notes in the lectures.
2. Bring your Scientific Calculator to every class
3. No phone calls, no U-tube, no Emailing, no web browsing, no distractions.

4. Attendance is required. Contact me *in advance* to make arrangements if you will miss a class for a valid reason.
5. Do the reading before each lecture.

Quizzes and Exams

There will be a weekly in-class quiz, a midterm exam and a final exam.

You will need a Scientific Calculator and a Pen (Blue/Black) to take the quizzes and exams. (Ruler, compass, square, pencil, eraser may be useful). No other equipment will be allowed.

Grading Scheme

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| Homework | 20% |
| Quizzes | 10% |
| Practical | 10% |
| Mid-Term Exams | 20% |
| Final Exam | 40% |