

UNIVERSITY OF CENTRAL FLORIDA Fall 2012
AST 2002-02,-03 ASTRONOMY SYLLABUS (3-credit lecture)

Course Time: T, R Section 002: 12-1:15 P.M. Section 003: 1:30--2:45 pm

Course Location: Universe, Local Supercluster, Local Group, Milky Way Galaxy, Solar System, Earth, North America, USA, Florida, Orlando, Main Campus, MAP260

Course Description: AST 2002 is a survey study of the solar system, stars, galaxies, and universe; it is primarily intended for non-science majors.

Prerequisite: High School Algebra or MAC 1105

Calculator: A Scientific Calculator with EE or EXP, x^y or $^$ keys may be helpful.

Textbook: *Essential Cosmic Perspective* Media Update by Bennett, Donahue, Schneider & Voit w/ MasteringAstronomy.com, 6th or latest edition (note, the textbook in UCF bookstore has a different cover and edition number as the publisher customizes the cover for UCF)

WebCourses: WebCourses.ucf.edu

Instructor: Dr. M.M. Montgomery

Contact Information in order of preference:

- 1) use *email* in WebCourses;
- 2) *IM* via AIM/IChat to Look2Sky during office hours;
- 3) emergency: montgomery@physics.ucf.edu

Office Hours: *Online* - M 8:00-10:00 PM; *In Person* - T 10:45-11:45 AM, PS 132

Grade Scale: 93-100:A 90-92:A- 85-89:B+ 83-84:B 80-82:B- 75-79:C+
73-74:C 70-72:C- 65-69:D+ 63-64:D 60-62:D- 0-59:F

NO ROUNDING

Grade Weight: 1 Cumulative Final+3 Exams (3x25%), Quizzes (11%), Homework (14%)

Exam/Final Dates: Exam Schedule:

- Exam 1 (Chap 1-5): 9/25 Tuesday
Exam 2 (Chap 6-10): 10/30 Tuesday
Exam 3 (Chap 11-15): 11/27 Tuesday

Final (All Covered Chapters)

Section -002: 12/6/12, 10:00 A.M.-12:50 P.M. Thursday

Section -003: 12/11/12, 1-3:50 P.M. Tuesday

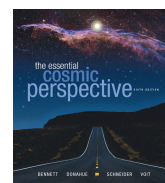
Quizzes & Homework Due Date Range:

Chap 1-5: 8/21-9/24

Chap 6-10: 9/25-10/29

Chap 11-15: 10/30-11/26

Chap 16-17: 11/27-12/3 (Chap 17 if time permits)



Attendance, Tests, Final, Quizzes, Homework, and Other Policies

1. All students shall follow the Golden Rule in this course.
2. Attendance is expected & encouraged. If you miss a class, see a classmate for notes or post on webcourses in Discussions/Notes a request for notes. Class notes are neither published on the web nor given out by me.
3. Quizzes are online at webcourses.ucf.edu / AST2002 / Quiz tool. One or more quizzes are given per chapter. Each question counts as 1 point. As students have several weeks to complete a set of quizzes, no make-up quizzes are given/re-released for any reason. Quizzes are based upon the text. The average grade of up to two attempts is recorded in the gradebook. Quiz grades are automatically returned once submitted. Missing grades, accidental attempts, quizzes stuck in-progress, etc.

count as 0. Unannounced in-class quizzes on lecture material may be given and graded for credit.

4. Homework (HW) is found in masteringastronomy.com & can be accessed from that url or via webcourses.ucf.edu. Your **Course ID is DrMontgomeryFall2012**. Each chapter has one or more assignments and grade point values for each HW vary. Easier tutorials are assigned 5 points whereas harder tutorials are assigned 10 points. Students are required to read the grading rules for each HW assignment as e.g., using hints may count against you. The Intro to MasteringAstronomy does not count for grade but is assigned. The HW covers difficult concepts from the text and in exam questions but may not be covered in lecture. You need the 6th edition code of text to get into the class! No 5th edition codes allowed.
5. You need a MasteringAstronomy.com access code to obtain the HW. You can get a code from your text purchased from the on/off campus bookstores or you can buy in at that website.
6. Quiz/Exam grades are on WebCourses. HW grades are on masteringastronomy.com.
7. Exams taken in class (F2F) require a picture ID w/ signature. **No ID, No exam!**
8. F2F exams require raspberry scantrons w/ 50 questions and students shall bubble-in PID, test number, test version (A, B, C, D) else **exams result in 5% grade reduction**. Exams are based upon the quizzes, HW, text, and/or lecture notes.
9. 3 exams and 1 cumulative final are given. The lowest of 4 is dropped **after** the final exam is graded. Missed exams count 0. One or more exams may be given online.
10. Take GEP AST2002 quiz in Webcourses at beginning/end of semester, if offered. This quiz is not counted for a grade but is necessary to assess student learning.
11. It is the Physics Department policy that making up missed work will only be permitted for University-Sanctioned activities and bona fide medical or family reasons for two+ exams. Authentic justifying documentation must be provided in every case (in advance for University sanctioned activities). At the discretion of the instructor, make-ups may take any reasonable and appropriate form including, but not limited to: a replacement exam, replacing missed work with same score as later exam, allowing a dropped exam, replacing the missed work with the homework or quiz average.
12. An overall grade of I may be given if the student has not missed any tests, has a grade of C or better, & has a valid, documented medical emergency that I can verify.
13. Free tutoring and exam reviews may be available at SARC. See SARC for info.
14. Bonus points can be obtained by attending the Robinson Observatory on the certain days of the month (see campus map & [astro.physics.ucf.edu/planetary sciences/observatory schedule](http://astro.physics.ucf.edu/planetary_sciences/observatory_schedule) for dates, times, location) and is worth 5% added to one exam by me after the final exam has been graded. If it is cloudy, rainy or any other reason why you can't see the night sky, then expect the event to be canceled. A TA will give and collect the sheet you fill out. Bring a pen, flashlight, bug spray and on public viewing nights, a friend, parent, or sibling. To count, the sheet must have instructor name, your printed name, PID, completed work, and it must be handed to the TA before you leave else you receive no grade and you must re-attend! In-lieu-of bonus points are given on a case-by-case basis.
15. No emails will be returned the last week of class or during the week of finals.
16. You cannot submit any work, including bonus points, during the last week of lecture or later.
17. This syllabus may change at any moment for e.g., hurricanes. This revision is 1/1.
18. If you need help figuring your grade, please see a classmate and/or SARC.