
Astro 105

Daytime

The Stars and Galaxies

IUPUI Physics Department

Spring 2018

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GENERAL INFORMATION

Description: An introductory survey of stars, galaxies, and cosmology. Plus other interesting information about spacetime.

Text: *THE COSMIC PERSPECTIVE Stars, Galaxies & Cosmology* by Bennett, *et. al.*, any recent edition, Pearson Publishing. NOTE: This text is quite extensive and in most cases provides too much detail. In the end, you are responsible for knowing and understanding my lectures notes. You should use the text to supplement the lecture notes (*i.e.*, “fill in the details”) – the exams and quizzes are based on the lecture notes.

Web: <http://woodahl.physics.iupui.edu/Astro105/> Mark this website in your browser. At the web site you will find: Syllabus (which you are reading now) in PDF, Master Schedule in PDF, and announcements. NOTE: We (The Physics Department) do not use *Canvas* for the astronomy courses.

Contact: You must use your official “name@iupui.edu” email when contacting me. Others may be rejected by the UITS junk email filters. Also do not use *Canvas* to contact me, if you do I will not be able to respond – I do not routinely check for any messages on *Canvas*. Send email to me directly from your email application.

Lecture: Meet from 10:30 AM - 11:45 AM on Tuesday and Thursday each week in LE 101. During the lectures I will cover, in detail the important concepts. The tests and quizzes are based on the lecture material. I urge you to collaborate with a classmate in sharing notes if one of you misses a lecture. **NOTE: Under no circumstances will copies of the lecture notes be provided to students** – attend class, if you cannot do this on a regular basis, then please drop the course.

Quizzes: Quizzes given once a week, will be over all material since the previous quiz (or test). The lowest quiz score will be dropped. This allows for one free missed quiz for sickness, dead car battery, work, family matters, having a baby, etc. There are no makeups on any quizzes **under any circumstances**. Format for the quizzes is generally four multiple choice questions (with four possible answers). Keep your quizzes for exam review.

Exams: There will be two exams of one-hour length and a two-hour final (Exam III) as listed in the schedule. There are no makeups on any exams! The exam study guides are your notes (take careful and neat notes). Do not miss an exam – you will receive a zero for that exam (there are no exceptions). Furthermore, no exams will be given early – if you have a an outside unmitigated conflict with an exam date/time, drop the course now. Format for the exams is generally seventy-five (± 25) multiple choice questions (with four possible answers). During the exams, it is essential to use a high quality, soft, dark pencil (No. 2 or HB) for the op-scan sheets.

Withdrawal: If it is necessary for you to drop this course, please do so officially, filling out all the necessary paperwork. Otherwise per University policy you will receive an F on your transcript.

Telescopes: The department has several telescopes for student use which may be borrowed for a few weeks at a time. Check with me for details.

Weighting: The final letter grade will be determined from your cumulative point total based on the following weights:

Quizzes	200
Hour Exam I	200
Hour Exam II	200
Final Exam	200

Grades: The following are the *guaranteed* cuts for the letter grades based upon the 800 point total. In most cases the cuts will be lower than that advertised below:

A–	≥ 710
B–	≥ 620
C–	≥ 520

Special Note: People, do not let this syllabus scare you. Come to class, take (neat) notes, review your notes on a regular basis, supplement your knowledge by reading the text (this will help you fill-in the details and it is just a fun book to read) and you will do fine in this course. This course is fun and not too difficult. If all this seems confusing to you, please come talk with me.