

AST 100: Astronomy Today / Fall 2024 (rev. 1.00; 2024-08-10)

Instructor: Prof. Michael Zingale, ESS 452, michael.zingale@stonybrook.edu

Class Meeting Time: Mon., 2:00 to 2:55 pm

Meeting Location: Humanities 3013

Learning Outcomes:

Students will give a presentation to their peers about a current astronomy topic, and gain critical feedback from the other students.

Course Website:

All course material/class announcements (including changes to the lecture schedule) will be available on the AST 100.01 Blackboard webpage.

Office Hours:

TBA

It is not possible to pick office hours that can accommodate the schedule of all students in this class. You are encouraged to contact the instructor to make an appointment outside of these times.

Course Schedule:

class #	month	day	topic
1	Aug.	26	overview / group discussion—what's in the news? presentation schedule announced
-	Sep.	2	no class—holiday
2	Sep.	9	overview of astronomy
3	Sep.	16	topic discussion / giving a good talk
4	Sep.	23	<i>student presentations</i>
5	Sep.	30	<i>student presentations</i>
6	Oct.	7	<i>student presentations</i>
-	Oct.	14	no class—holiday
7	Oct.	21	<i>student presentations</i>
8	Oct.	28	<i>student presentations</i>
9	Nov.	4	<i>student presentations</i>
10	Nov.	11	<i>student presentations</i>
11	Nov.	18	<i>student presentations</i>
12	Nov.	25	<i>student presentations</i>
13	Dec.	2	<i>student presentations</i>
14	Dec.	9	<i>student presentations</i>

Class Logistics:

Each student will make a single presentation and participate in the discussions for the other student's presentations. Each presentation will be ~15–20 minutes long after which the class will discuss the subject together as a group, including answering any questions posed from the class.

Note: students will be assigned a presentation date randomly—if necessary they can swap with one of their classmates, but must alert the instructor two weeks in advance of the original presentation date. The schedule of talks will be posted on blackboard after the first class meeting.

Presenter's responsibilities:

- Each student will pick a topic based on a *recent discovery or article in astronomy*. All students should choose their topics by the *Topic Discussion* class. In this class, we will briefly discuss the topics and what interesting aspects we want to hear about.

Having your topic chosen and being prepared to briefly describe it on the Topic Discussion class is part of your grade.

- Student will either bring their laptop to class to present or email the Professor a PDF (*not PowerPoint!*) of their slides they day before the class presentation.
- Student will lead the discussion on that topic by preparing a 15–20 minute presentation on the subject.

If the student is not prepared or the presentation is inadequate, the student will not get credit for the presentation portion of the class.

Our presentation schedule is full, so there will likely not be room for a make-up if you forget to do your presentation during your assigned time. In the event a timeslot becomes available, a make-up with a grade penalty may be offered.

- Student and instructor will field questions about the topic from the class
- A short video (< 1 min.) can be part of the presentation, but you should not rely on video narration to do your presentation—you are to present the topic in your own words.

Non-presenter's responsibilities:

For those weeks you are not presenting you will do the following:

- The student will attend both presentations each week—attendance will be taken. You need to sign the in-class attendance sheet to get attendance/participation credit.
- The student will provide an evaluation of the presenter's talk, giving feedback on the presentation style, content and, what you learned.

Course Grade:

The following weighting will be used:

- presentation: 70%
- having topic ready to discuss on Topic Discussion day: 10%
- attendance and feedback submissions: 20%

Letter grades will be based on a standard grade scale (i.e. 93–100 is an 'A', 90–92 is an 'A–', 87–89 is a 'B+', ...)

Students who wish to discuss their grades or class performance should meet with the instructor one-on-one via zoom. *For privacy reasons, grades will not be discussed via e-mail.*

Student Accessibility Support Center Statement

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Student Accessibility Support Center, Stony Brook Union Suite 107, (631) 632-6748, or at sasc@stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Student Accessibility Support Center. For procedures and information go to the following website: <https://ehs.stonybrook.edu/programs/fire-safety/emergency-evacuation/evacuation-guide-disabilities> and search *Fire Safety and Evacuation and Disabilities*.

Academic Integrity

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of

academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/

Critical Incident Management

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.

Electronic Communication

Email to your University email account is an important way of communicating with you for this course. For most students the email address is 'firstname.lastname@stonybrook.edu'. *It is your responsibility to read your email received at this account.* For instructions about how to verify your University email address see this:

<http://it.stonybrook.edu/help/kb/checking-or-changing-your-mail-forwarding-address-in-the-epo>

If you choose to forward your University email to another account, we are not responsible for undeliverable messages.

Religious Observances

See the policy statement regarding religious holidays at

http://www.stonybrook.edu/commcms/provost/faculty/handbook/employment/religious_holidays_policy.php

Students are expected to notify the course professors by email of their intention to take time out for religious observance. This should be done as soon as possible but definitely before the end of the 'add/drop' period. At that time they can discuss with the instructor(s) how they will be able to make up the work covered.