

Course Syllabus



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Syllabus for Astronomy 2003

Your Instructors

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- Phone: TBD
- Office Hours/Location: Mon after class, Thurs 1 PM, and by appointment/ Bryant Space Science Center 213

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- Office Hours/Location: Wed 4 PM, Fri 12 PM/ Bryant Space Science Center

General Information

AST2003 is survey of our Solar System designed for non-science majors. The only prerequisite for this class is algebra and natural curiosity. We will study the planetary processes that shape our Solar System, compare our Solar System to systems of planets orbiting other stars, and come to appreciate Earth's place—and ours—in the universe.

This course satisfies part of the Natural Sciences General Education requirement. Students who are planning to major in the sciences, or are considering the Astronomy major, are strongly encouraged to take AST3018 instead.

Materials:

- **The Cosmic Perspective, 9th Edition ("TCP")** by Bennett, Donahue, Schneider, & Voit. I have requested paper copies for the library, but the online textbook is acceptable and more affordable (\$59 for both the textbook and the Mastering Astronomy account). If buying the book used or online, check the title and edition carefully: avoid "Essentials..." or "Fundamentals...".
- **A "Mastering Astronomy" account, created through Canvas** (used for problem sets and quizzes). The online textbook purchase comes with access to Mastering Astronomy; both should be \$59.
 - Instructions for accessing Mastering Astronomy:
 - 1. On Canvas, along the left-hand side of the page for this course (under "Syllabus" and other options), click "My Lab and Mastering"

- Click the yellow "Open MyLab & Mastering" button
- Sign into your Pearson account, or create a new one.
- Purchase access either on this site, or enter the access code if textbook was purchased at the UF Bookstore.
- If you have questions or technical difficulties, contact Pearson Support [here](https://support.pearson.com/getsupport/s/contactsupport) (<https://support.pearson.com/getsupport/s/contactsupport>).



Course Assessment

Your grade is based on:

10%: Preparation/Participation

- weekly online quizzes due at noon each Wednesday (lowest 15% of scores dropped)

30%: Homework

- Old-fashioned paper assignments
- New-fashioned online Canvas+MasteringAstronomy web assignments

Your lowest 15% of homework scores will be dropped .

30%: In-class exams: best 2 of 3 exams (20% each)

30%: Cumulative final exam. Final cannot be dropped.

Note that if you don't do any homework or web assignments, your final grade cannot be higher than a D. There are no makeup exams even for excused absences: many students will have to miss an exam during the semester for a range of valid reasons, and I accommodate that by dropping one score. Late homework loses 50% credit but is still worth doing.

Course Calendar

Week	Day	Date	Topic	Reading	What's due
1	Wed	8/21	Welcome/Overview	TCP1	---
	Fri	8/23	Our Place in the Universe		Quiz1
2	Mon	8/26	Discovering the Universe for Yourself	TCP2	---
	Wed	8/28	Discovering the Universe for Yourself		Quiz2
	Fri	8/30	Discovering the Universe for Yourself		MA1, MA2
3	Mon	9/2	Holiday	TCP3	---
	Wed	9/4	The Science of Astronomy		Quiz3



	Fri	9/6	The Science of Astronomy		MA3
4	Mon	9/9	The Science of Astronomy	Chap 1-3 review	OFHW1
	Wed	9/11	The Science of Astronomy		Quiz4
	Fri	9/13	EXAM 1		---
5	Mon	9/16	Motion-Energy-Gravity	TCP4	---
	Wed	9/18	Motion-Energy-Gravity		Quiz5
	Fri	9/20	Motion-Energy-Gravity		MA4
6	Mon	9/23	Earth+Moon/Solar System Formation	TCP7,8	---
	Wed	9/25	Solar System Formation		Quiz6
	Fri	9/27	Comparison to Exoplanets: Formation		MA5
7	Mon	9/30	Geology of the Terrestrial Worlds	TCP9	---
	Wed	10/2	Geology of the Terrestrial Worlds		Quiz7
	Fri	10/4	Holiday		MA6
8	Mon	10/7	Geology of the Terrestrial Worlds	Chap. 4, 7-9 review	OFHW2
	Wed	10/9	Comparison to Exoplanets: Geology		Quiz8
	Fri	10/11	EXAM 2		---
9	Mon	10/14	Light and Matter	TCP5	---
	Wed	10/16	Light and Matter		Quiz9
	Fri	10/18	Light and Matter		MA7
10	Mon	10/21	Atmospheres of the Terrestrial Worlds	TCP10	---
	Wed	10/23	Atmospheres of the Terrestrial Worlds		Quiz10
	Fri	10/25	Comparison to Exoplanets: Atmosphere		MA8



11	Mon	10/28	Jovian Planet Systems	TCP11	--
	Wed	10/30	Jovian Planet Systems		Quiz11
	Fri	11/1	Jovian Planet Systems		MA9
12	Mon	11/4	Jovian Planet Systems	Chap. 5, 10, 11 review	OFHW3
	Wed	11/6	Comparison to Exoplanets: Jovians		Quiz12
	Fri	11/8	EXAM 3		---
13	Mon	11/11	Holiday	TCP12	---
	Wed	11/13	Remnants of Ice & Rock		Quiz13
	Fri	11/15	Remnants of Ice & Rock		MA10
14	Mon	11/18	PLUTO	TCP12, TCP13	--
	Wed	11/20	PLUTO		Quiz14
	Fri	11/22	Exoplanetary systems & Astrobiology		MA11
15	Mon	11/25	Exoplanetary systems & Astrobiology	TCP13	---
	Wed	11/27	Holiday		---
	Fri	11/29	Holiday		---
16	Mon	12/2	Exoplanetary systems & Astrobiology	TCP24	Quiz15
	Wed	12/4	Life in the Universe		OFWH4
17	Thu	12/12	FINAL EXAM		

Students Requiring Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center

(352-392-8565, www.dso.ufl.edu/drc/ (<http://www.dso.ufl.edu/drc/>)) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu> (<https://evaluations.ufl.edu>). Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/> (<https://evaluations.ufl.edu/results/>).

Class Demeanor

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

University Honesty Policy

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<https://sccr.dso.ufl.edu/process/student-conduct-code/> (<https://sccr.dso.ufl.edu/process/student-conduct-code/>)) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Counseling and Wellness Center





















College can be a very stressful place. For contact information for the Counseling and Wellness Center, look to <https://counseling.ufl.edu/> (<http://www.counseling.ufl.edu>), or call 352-392-1575, 8am-5pm Monday through Friday. If you need mental health services urgently for yourself or others after business hours, phone consultation with a counselor is available 24 hours a day, 7 days a week. Call UF CWC at 352-392-1575 or the Alachua County Crisis Center at 352-264-6789.






















Course Summary:



Date

Details

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-  [Module 1 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966213\)](https://ufl.instructure.com/courses/385183/assignments/3966213)
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-  [Module 1 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966204\)](https://ufl.instructure.com/courses/385183/assignments/3966204)
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-  [Module 1 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966182\)](https://ufl.instructure.com/courses/385183/assignments/3966182)
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-  [Module 10 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966205\)](https://ufl.instructure.com/courses/385183/assignments/3966205)
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-  [Module 10 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966195\)](https://ufl.instructure.com/courses/385183/assignments/3966195)
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-  [Module 10 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966180\)](https://ufl.instructure.com/courses/385183/assignments/3966180)
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-  [Module 11 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966207\)](https://ufl.instructure.com/courses/385183/assignments/3966207)
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-  [Module 11 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966194\)](https://ufl.instructure.com/courses/385183/assignments/3966194)
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-  [Module 11 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966176\)](https://ufl.instructure.com/courses/385183/assignments/3966176)
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-  [Module 12 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966208\)](https://ufl.instructure.com/courses/385183/assignments/3966208)
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-  [Module 12 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966209\)](https://ufl.instructure.com/courses/385183/assignments/3966209)
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-  [Module 12 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966191\)](https://ufl.instructure.com/courses/385183/assignments/3966191)
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-  [Module 12 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966189\)](https://ufl.instructure.com/courses/385183/assignments/3966189)
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-  [Module 13 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966210\)](https://ufl.instructure.com/courses/385183/assignments/3966210)
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-  [Module 13 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966185\)](https://ufl.instructure.com/courses/385183/assignments/3966185)
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-  [Module 13 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966192\)](https://ufl.instructure.com/courses/385183/assignments/3966192)
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-  [Module 14 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966211\)](https://ufl.instructure.com/courses/385183/assignments/3966211)
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-  [Module 14 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966190\)](https://ufl.instructure.com/courses/385183/assignments/3966190)
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-  [Module 14 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966184\)](https://ufl.instructure.com/courses/385183/assignments/3966184)
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-  [Module 15 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966212\)](https://ufl.instructure.com/courses/385183/assignments/3966212)
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	 Module 15 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966193)	
	 Module 15 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966188)	
	 Module 2 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966214)	
	 Module 2 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966203)	
	 Module 2 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966187)	
	 Module 3 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966215)	
	 Module 3 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966202)	
	 Module 3 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966178)	
	 Module 4 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966216)	
	 Module 4 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966201)	
	 Module 4 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966177)	
	 Module 5 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966217)	
	 Module 5 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966200)	
	 Module 5 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966186)	
	 Module 6 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966218)	
	 Module 6 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966199)	
	 Module 6 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966179)	
	 Module 7 Assignment (https://ufl.instructure.com/courses/385183/assignments/3966219)	
	 Module 7 Discussion (https://ufl.instructure.com/courses/385183/assignments/3966198)	
	 Module 7 Quiz (https://ufl.instructure.com/courses/385183/assignments/3966175)	

Date**Details**

 [Module 8 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966220\)](https://ufl.instructure.com/courses/385183/assignments/3966220)

 [Module 8 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966197\)](https://ufl.instructure.com/courses/385183/assignments/3966197)

 [Module 8 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966181\)](https://ufl.instructure.com/courses/385183/assignments/3966181)

 [Module 9 Assignment \(https://ufl.instructure.com/courses/385183/assignments/3966221\)](https://ufl.instructure.com/courses/385183/assignments/3966221)

 [Module 9 Discussion \(https://ufl.instructure.com/courses/385183/assignments/3966196\)](https://ufl.instructure.com/courses/385183/assignments/3966196)

 [Module 9 Quiz \(https://ufl.instructure.com/courses/385183/assignments/3966183\)](https://ufl.instructure.com/courses/385183/assignments/3966183)



