

AST1002 Syllabus Spring 2023

I. Course Information

Course Title:	Descriptive Astronomy	Course No. and Section:	AST1002.01
Credit Hours:	3	Instructor Name:	Kisvarsanyi
Course Location:	Ocala Campus 2-121	Meeting Time:	WF 11am – 12:15pm
Office Location:	2-217E	Office Hours:	In office: M 10:30am-1:30pm; T 12:15pm-1:45pm; W 12:30pm – 1:30pm, 4pm – 5pm; Th 9:45am – 10:45am, 12:15p-2:15p; F 10:00am – 10:30am. In LRC: Thursday 2:15pm – 4:15pm
Telephone No.:	352-854-2322 ext. 1495	E-mail:	kisvarse@cf.edu

Extended Emergency Closure

“For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu.”

II. Course Description

AST1002 is an introductory survey course of the astronomical universe. It includes study of the Earth as an astronomical body as well as the physical processes which govern the evolution of planetary systems, stars, galaxies and the universe in general. Emphasis is placed on observational evidence, historical tests, and scientific reasoning. This course fulfills the general education science core requirement. **GUARANTEED TRANSFER TO IN-STATE INSTITUTIONS OFFERING SAME COURSE.**

Prerequisites: An introductory physical science or algebra course, although not required, is highly recommended.

Required Text – Title:	The Essential Cosmic Perspective	Author of Text:	Bennett, Donahue, Schneider, Voit
Edition:	9th	ISBN No.:	978-0-13579503-3
Required Materials:	8.5 x 11 in. spiral bound notebook (70 or fewer pages) for NSOP project	Optional Materials:	Sky Guide app, Solar System app, NASA app

III. Student Learning Outcomes/Course Objectives

1. Students will be able to apply the pertinent laws of classical and modern physics to analyze problems in planetary motion and atomic structure.
2. Students will gain a basic understanding of the evolution and structure of planetary systems, stars, and galaxies.
3. Students will learn historical background of the science of astronomy.
4. Students will gain a basic understanding of currently dominant theories of Cosmology.

IV. Assessment

The Scale: A (90%-100%); B+ (87%-89.9%); B (80%-86.9%); C+ (77%-79.9%); C (70%-76.9%); D (60%-69.9%); F (Below 60%). This is the standard college-wide grading scale.

The Details:

There will be 3 tests covering multiple chapters each during the course of the semester, but your low score on these tests will be dropped. There will be group work (or class participation) done during class-time that will also contribute to your grade. There will be one project done outside of class-time that must be completed by the due date. This course will also have a final exam given during finals week that cannot be dropped but will consist only of material completed after the last Chapter test. ***There will be no make-ups for tests or group work, and the grading scale is set in stone.*** For example, if you miss Test 2 for any reason, that will count as your low score and be the test score that is dropped. If you end up with a 79.9 at the end of the semester, I will not round up your grade to an 80%. (In extreme and rare cases, such as a major unexpected medical or legal emergency, making up SOME missed work, for example a second missed test, MAY be allowed with a valid, excused absence

provided there is legitimate medical or legal documentation of the event. However, it is your responsibility to speak with me about the situation in a timely fashion. Waiting until weeks after a critical absence is unacceptable).

The Breakdown:

- 40% - 2 best of 3 Chapter tests worth 20% each
- 25% - Group work/class participation (you must be in class to earn this)
- 15% - Night Sky Observation Project (NSOP, more information will be available during class and on Canvas)
- 20% - Final exam (Wednesday, May 3, 11am)
- Homework: Although homework is not explicitly part of your grade, it is vital in giving yourself a chance to successfully complete this course. You will be given a homework assignment for every chapter with suggested problems from the textbook to help you understand the material and prepare for the tests. These assignments will be posted on our course website. Waiting until the day before a test to start the homework IS NOT A STRATEGY FOR SUCCESS in this course! Being diligent and timely about both reading the chapters and doing the homework may mean the difference between passing the course or not. CONSIDER THIS FAIR WARNING.

Please turn off or silence your cell phones and any other electronic devices that could be disruptive to the class.

V. College Policies (see also Canvas course site)

Academic Integrity – Cheating and/or plagiarism will not be tolerated and may result in an “FF” for the course as well as disciplinary action under the Code of Student Conduct. A student will be referred to an Academic Integrity Seminar. There will be a charge for this two-hour seminar, and attendance is required (see Student Handbook). Failure to attend the Academic Integrity Seminar may result in the assignment of a final course grade of “FF,” denoting course failure due to a violation of the college’s Academic Integrity policy.

Access Services for Students with Disabilities – To ensure students have equal access to educational opportunities here at the College of Central Florida, students with a disability, serious medical condition, a learning or psychological disorder are encouraged to register with the Office of Access Services and request accommodations. If eligible, Access Services will help facilitate you receiving approved accommodations. *Please do this as soon as possible, to ensure that such accommodations are implemented in a timely fashion for your academic success.* The Office of Access Services is located in Building 5, the Bryant Student Union-204, on the Ocala Campus. For more information visit the Access Services webpage at <http://www.cf.edu/departments/sa/ss/access/>, or email access@cf.edu or call 352-854-2322, ext. 1209 for further information.

Equal Access/Equal Opportunity – College of Central Florida does not discriminate against any person on the basis of race, color, ethnicity, religion, gender, age, marital status, national origin, genetic information or disability status in its programs, activities and employment. For inquiries regarding nondiscrimination policies contact Carol W. Smith, Equity Officer, 3001 S.W. College Road, 352-854-2322, ext. 1437, or smithc@cf.edu.

Classroom Decorum – Disruptive behavior will not be tolerated. Disruptive students will be asked to leave the classroom. Continuous disruptive behavior will result in withdrawal from the course and disciplinary action under the Code of Student Conduct (see Student Handbook).

Withdrawal – If you want to withdraw from this class, you must fill out the necessary forms and have them signed by the appropriate parties. If you just stop coming to class after the posted drop date, you may receive the grade of F.

The college reserves the right to evaluate individual cases of non-attendance.

Students should be alerted to the following:

- (1) Withdrawals do not count in the CF GPA, but may not be viewed favorably at the university level or for financial aid.
- (2) A withdrawal counts as an attempt under the forgiveness/withdrawal policy and the course repeat policy.
- (3) There are increased costs to take the course on the third attempt (full cost of tuition, same as out-of-state rate).
- (4) There may be a reason a withdrawal request may be denied.

Please see the College’s withdrawal procedures.

VI. Course Schedule/Outline (Disclaimer: The tentative schedule for the course follows. Due to unforeseen circumstances it may be necessary for the course schedule to change. I will always strive to be fair and timely about any changes.)

AST1002 Section 01 Schedule

Monday	Wednesday	Friday
1/9	1/11 Introduction/Chapter 1	1/13 Chapter 2
1/16 MLK Jr. Birthday College Closed	1/18 Chapter 2/3	1/20 Chapter 3
1/23	1/25 Review Ch. 1-3	1/27 Chapter 4
1/30	2/1 Test 1 Ch. 1-3	2/3 Chapter 4
2/6	2/8 Chapter 4/5	2/10 Chapter 5
2/13	2/15 Chapter 5	2/17 Chapter 5/6
2/20	2/22 Chapter 6	2/24 Chapter 6
2/27	3/1 Review Ch. 4-6 DUE (Voluntary): NSOP Sample	3/3 Test 2 Ch. 4-6
3/6	3/8 Chapter 7	3/10 Chapter 7
3/13 SPRING BREAK	3/15 SPRING BREAK	3/17 SPRING BREAK
3/20	3/22 Chapter 8	3/24 Chapter 8
3/27	3/29 Chapter 9	3/31 Chapter 9/10
4/3	4/5 Chapter 10	4/7 Review Ch. 7-10 DUE (Mandatory): NSOP Final Version
4/10	4/12 Test 3 Ch. 7-10	4/14 Chapter 11
4/17	4/19 Chapter 11/12	4/21 Chapter 12
4/24	4/26 Last Day of Class; Review Ch. 11-12	4/28
	5/3 Final Exam Ch. 11-12	