

Survey of the Universe Laboratory
ASTR 2001L
 Summer 2013 First Five-Week Syllabus

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Office Hours: MW 11:00 AM – 12:30 PM

Class Meetings

| Week | Date | Section | Laboratory | Quiz |
|------|------------|---------|---|------|
| 1 | May 27-28 | MT | NONE* | |
| 1 | May 29-30 | WR | Introduction | |
| 2 | June 3-4 | MT | Voyager Projects 1 - 2 | 1 |
| 2 | June 5-6 | WR | Voyager Projects 4, 5, & 6 | 2 |
| 3 | June 10-11 | MT | Voyager Projects 8, 9, & 10 | 3 |
| 3 | June 12-13 | WR | Voyager Projects 11, 12, & 14 | 4 |
| 4 | June 17-18 | MT | Voyager Projects 17, 18, & 20 | 5 |
| 4 | June 19-20 | WR | Voyager Projects 21, 22, & 23 | 6 |
| 5 | June 24-25 | MT | Voyager Project 24 and Observational Labs | 7 |
| 5 | June 26-27 | WR | Make-Up Final | |

*Memorial Day Holiday (May 27th)

Required Materials: Exploring the Universe with Voyager IV by Brian Monson and Peter Shull
Observational Exercises for ASTR 2001 Labs by Dr. Claud H. Sandberg Lacy
 A scientific calculator
Bring these items to lab every class meeting.

Voyager Projects
(67.5% of grade):

Each Voyager Project is worth **15 points**. All Voyager Projects must be completed **IN CLASS**. The projects require the work to be done using the Voyager IV program that is available in the lab and have no value if completed without using the program. Therefore, no outside work will be accepted, **NO EXCEPTIONS**.

Observational Labs
(7.5% of grade):

These labs are in your Observational Exercises for ASTR 2001 Labs packet (not the Voyager lab book). Observational Lab 1 (Introduction to Image Analysis, in your Documents/ObsAstrEx folder) is worth **10 points**. You are required to complete **both** of the remaining two Observational Exercises, which will be worth **10 points each**. The Observational Exercises require some outside research. You will need to read them beforehand and use your astronomy textbook or the Internet to complete them fully.

Night Labs

(7.5% of grade):

In addition to normal day labs we will have a **MANDATORY** night lab worth **30 points**. The night lab schedule will be distributed the first week of class. If you have a conflict with the night lab schedule, please come see me and I will put you in another night lab. **Important! If your night lab is on the day that you have day lab, you still must attend day lab.** If you miss the night labs completely, you will have to write a 5-page paper about the objects we viewed to make up the points. Details will be given at the time of the Night Lab.

Quizzes

(17.5% of grade):

In addition to the labs, you will be taking 7 quizzes, each worth **10 points**. Each quiz will be over the lab material for that day, **NOT** the previous class meeting's material. Extra credit questions, which are offered at my discretion, may be from any previous or current class material, pertinent astronomical topics, or current astronomical events. Please read all lab material **BEFORE** you come to class. The quiz will be given at the beginning of class. If you are late to class, you will not be allowed to take the quiz. Answers for each quiz will be discussed after its completion. There will be no exams in this class.

Extra Credit:

In the event of an extra credit opportunity this semester, an announcement will be made in class when the time comes. All extra credit will be given on an "all or nothing" basis (i.e. no partial extra credit will be awarded).

Make up work:

All work will be due at the end of the next class meeting. **Absolutely NO work will be accepted after the end of this class period.** All missed work will count as zeroes after this deadline. If you miss your regular lab, you can attend another lab section that week to make up the missed work. If you attend another section, you **MUST** inform both your TA and the TA whose lab you are attending. Quiz make ups will not be allowed unless you (a) email me before the beginning of class, *and* (b) you present valid documentation of your absence to me within **ONE** week of your return. After one week, you will not be allowed to make up any quiz.

Make-Up Final: On the last assigned day of this course, if you have missed any work, you will be allowed to make up the points by taking the Make-Up Final. This exam will consist of an assortment of quiz questions. **The Final's worth will depend on how many points you missed during the semester; but you can only make up a maximum of 40 points.** I will explain more details when the Final's time comes closer. No extra credit can be gained by taking the final nor can you lose points by taking it.

Inclement

Weather Policy: Lab will be held unless the University officially closes. I strongly suggest you sign up for RazAlert to receive text/voice messages and emails regarding these situations or you can call 575-7000 to determine the open or closed status of the University in the event of bad weather. If campus is closed due to bad weather, I will send out an email informing you of how the missed work will be made up.

Grading Policy: **I do not give grades out over e-mail or discuss them during class.** Your grades will be available on Blackboard, or you can come by my office during office hours. **There will be no curve!** If you read and understand your materials before you come to class, attend every class, and do all of your work, there will be no need for a curve. Your grades will be calculated precisely and there will be no rounding of the grades.

| Total Points | Percentage | Grade |
|--------------|------------|-------|
| 360-400 | 90% – 100% | A |
| 320-359 | 80% – 89% | B |
| 280-319 | 70% – 79% | C |
| 240-279 | 60% – 69% | D |
| 0-239 | 00% – 59% | F |

Academic

Dishonesty: Academic dishonesty will NOT be tolerated in this class. If you are suspected of violating the Student Ethics Code, you will be dealt with in accordance with the current Student Handbook. A grade sanction will be imposed until the Student Ethics Committee comes to a final decision.

Miscellaneous: **When you come into class please do not start your lab until I indicate that it is time to start.**

The reasons are as follows:

1. I will give the quiz for that day at the beginning of class.
2. I will give a discussion on quiz answers and material for the day.

The lecture will help you understand concepts in the lab manual; moreover, I like to give some hints and some answers to the questions in the lab. If you do not finish the lab within the time allotted please see me. Each lab session varies in time, some take up the entire class time while others do not. It is during those short labs that I will allow you to finish a previously unfinished lab or work on additional Observational Labs.

Office Hours: My office hours are on Mondays and Wednesdays from 11:00 AM – 12:30 PM. My office is located in the Field House room 118. Please ask me if you need directions.

I do not hold office hours in the classroom.

Other ASTR Lab Sections and Times:

| Class | Section | Day | Time | Instructor | E-mail |
|-------|---------|-----|-------------------|------------------|-------------------------|
| 2001L | 011 | MW | 12:45 – 4:00 p.m. | Benjamin Davis | bld002@email.uark.edu |
| 2001L | 021 | MW | 4:15 – 7:30 p.m. | Benjamin Davis | bld002@email.uark.edu |
| 2001L | 031 | TR | 12:30 – 4:00 p.m. | Albert Calabrese | acalabre@email.uark.edu |