Physics 1303, Fundamentals of Astronomy, is a three credit hour introductory study of the current knowledge and techniques of astronomy and astrophysics. Phenomena spanning a large range of distances and masses (from stellar scale, through galactic scale, to universe scale) will be explored in this class.

After completing the Fundamentals of Astronomy course, you should be able to comprehend the most important scientific models governing modern astrophysics and be familiar with a broad range of phenomena studied by astronomers. Furthermore, you should be able to comprehend the practices and methodologies used in constructing modern astrophysical models.

Textbook

For this class, we will use a free online text book provided by the Openstax organization. The text book can be located at this website:

https://openstax.org/details/books/astronomy
Late Work Policy

- Unexcused late work or missed tests will not be accepted.
- If your assignments are not submitted by the posted deadline you will receive a zero for that assignment.
- You must contact your professor before the assignment is due if you believe it will be late or as soon as possible after the due date in the case of an unexpected emergency.
- Blackboard issues will arise, if you wait until the last minute to complete assignments you run the risk of missing them. I can fix problems such as browser crashes and internet outages, but NOT the hour before it is due. You have an entire week to complete work, so due dates are firm.

Class Work and Assessments

Quizzes Each chapter that we cover will be given a quiz. Quizzes for chapters assigned each week are all due on Friday (except for the last week, which is due Wednesday).

Unit Tests There will be four Unit tests worth 40 points each, due on Sunday of each of the first four weeks.

Final Exam There will be a Final Exam worth 100 points due on July 3.

Grading

Your final grade will be determined by your scores on all tests and exams.

<table>
<thead>
<tr>
<th>Item</th>
<th>Percentage</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>40%</td>
<td>Fridays</td>
</tr>
<tr>
<td>Unit Tests</td>
<td>40%</td>
<td>Sundays</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
<td>August 7</td>
</tr>
</tbody>
</table>

TOTAL 100%

Angelo State University employs a letter grade system. Grades in this course are determined on a percentage scale:

- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 59% and below
Course Schedule

NOTE:

- EOD (end of the day) means 11:59 PM
- Some dates may change as the semester progresses.

Week 1 (July 8 - 14)

| Chapter 1     | Chapter 3     | Chapter 5     | Chapter 15 |

Due Dates:

- Chapter Quizzes: EOD July 12
- Unit Test #1: EOD July 14

Week 2 (July 15 - 21)

| Chapter 16    | Chapter 17    | Chapter 18    | Chapter 19    | Chapter 20 |

Due Dates:

- Chapter Quizzes: EOD June 19
- Unit Test #2: EOD June 21

Week 3 (July 22 - 28)

| Chapter 22    | Chapter 23    | Chapter 24    | Chapter 25    |

Due Dates:

- Chapter Quizzes: EOD July 26
- Unit Test #3: EOD July 28
Week 4 (July 29 - August 4)

Chapter 26
Chapter 27
Chapter 28
Chapter 29

Due Dates:
Chapter Quizzes EOD August 2
Unit Test #4 EOD August 4

Week 5 (August 4 - 7)

Review For Final Exam

Due Dates:
Final Exam EOD August 7

Academic Integrity

Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook.

American Disability Act

Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request and to implement academic accommodations.

Religious Holy Day

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.