ASTR 1020: STELLAR AND GALACTIC ASTRONOMY
Dr. Rob Parks

- Office: 25 Park Place, Suite 615
- Office Hours: MWF 1:00p – 2:00p, by appointment
- Phone: 404-413-6081
- Email: parksj@astro.gsu.edu
- Webpage: www.astro.gsu.edu/~parksj/
I am here!
CV

Education
- B.S. in Astronomy, University of Florida (GO GATORS!)
- M.S. in Astronomy, University of Florida
- Ph.D. in Astronomy, Georgia State University

Research Interests
- Starspots
- Young Stars
- Interferometric Imaging
λ Andromedae
What Will We Cover This Semester?

- Relativity and Spacetime
- The Sun
- Stellar Characteristics and Evolution
- The Milky Way Galaxy
- Galactic Characteristics
- Evolution of the Universe
- Dark Matter and Dark Energy
Tell Me About Yourself: College Experience

What year of college are you currently in?

A. Freshman
B. Sophomore
C. Junior
D. Senior
E. Other (just raise your hand without the card)
Tell Me About Yourself: Study Major

What is your major?

A. Biology, physics, chemistry
B. Exercise science or health science
C. English, society, architecture
D. Undecided
E. Other (just raise your hand without the card)
Keys To Your Success

- COME TO CLASS!!!
- Participate actively in the classroom
  - Think through concepts yourself, take notes, don’t just watch
  - When you have a question, speak up and ask!
  - Attending classes is critical to your success
- Reach out for help
  - Office hours: MWF 1:00p – 2:00p, by appointment
  - If not me, study groups work as well
- Work hard, but enjoy yourself
Classroom Etiquette

- Please do not be a distraction to me or your fellow students
- Turn off all noise makers (e.g. cell phones)
- Do not text, surf the web, check emails.
- Do not work on other classwork while in class
- Do not disturb class with side discussions
- If you must leave during class, please do so quietly
- DO interrupt me if you have a question or something is just clear
Textbooks

- Main Textbook

- Lab Manual
  - Wilson, *Activities in Astronomy*
Laboratory Work

- Lab is a mandatory part of the course
  - If you fail lab, you WILL FAIL the lecture regardless of lecture grade
- Accounts for 25% of the final grade
- Lab Website
  - [www.astro.gsu.edu/lab/](http://www.astro.gsu.edu/lab/)

Which Lab Section are you in?
A. Tuesdays at 8:00a – 9:50a
B. Wednesdays 12:00p – 1:50p
C. Thursdays at 2:00p – 3:50p
D. Some other section
E. Don’t know! (Raise your hand without the card)
## Grade Breakdown

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Exam</td>
<td>20%</td>
</tr>
<tr>
<td>Second Exam</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
<tr>
<td>Lab Grade</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>97 - 100</td>
</tr>
<tr>
<td>A</td>
<td>93 - 96</td>
</tr>
<tr>
<td>A-</td>
<td>90 - 92</td>
</tr>
<tr>
<td>B+</td>
<td>87 - 89</td>
</tr>
<tr>
<td>B</td>
<td>83 - 86</td>
</tr>
<tr>
<td>B-</td>
<td>80 - 82</td>
</tr>
<tr>
<td>C+</td>
<td>77 - 79</td>
</tr>
<tr>
<td>C</td>
<td>73 - 76</td>
</tr>
<tr>
<td>C-</td>
<td>70 - 72</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 60</td>
</tr>
</tbody>
</table>
Quizzes and Exams

- The two semester exams will be multiple-choice and cover all material since the last test
- The Final Exam
  - 8:00a – 10:30a, DECEMBER 10th
  - This room
- Quizzes
  - Either Tuesday or Thursday (randomly determined) every week
  - Test knowledge of the current chapter in the reading
Honor Code

- Cheating is not a victimless crime
  - If caught you will be the victim
- Honor Code violations will be acted upon appropriately
- The Honor Code can be found here:
  - http://www2.gsu.edu/~wwfhsb/sec409.html