

**ASTR 1303 STARS AND GALAXIES SUMMER I 2016**

**MEETING TIMES:**

**LECTURE: M – F: 11:40 am – 1:35 pm                      WSB 301**

**INSTRUCTOR:**

**Alfred Alaniz  
WSB 314a  
432.837.8116 office  
432.837.8112 sec office  
EMAIL:**

**OFFICE HOURS:**

**M-F: 9 – 9:45 am  
M-Th: 4:30 – 5:30 pm  
F: 1:30 – 2:30 pm  
or by appointment**

**MATERIALS:**

**21 Century Astronomy: Stars and galaxies**

**Author: Kay et. al.  
Publisher: Norton  
Edition: 4th  
ISBN: 978-0-393-92057-4**

**Starry Night DVD**

**Students should install a copy of this software on a computer they have access to.**

**SCIENTIFIC CALCULATOR**

**A scientific calculator will be needed for math homework problems and exams. Cell phone calculators may not be used during exams.**

**EVALUATIONS:**

**BREAKDOWN:**

**A = 89.5 – 100  
B = 79.5 – 89.4  
C = 69.5 – 79.4  
D = 59.5 – 69.4  
F < 59.4**

**CRITERIA:**

**HOMEWORK            25%**

**11 best of 13 (drop the lowest 2) assigned questions and math problems mostly from the end of each chapter. A complete list of questions/problems are on file in BANNER. I will post solutions approximately one hour after they are due, therefore I CANNOT ACCEPT LATE ASSIGNMENTS. I drop the lowest 2 grades.**

**EXAMS                50%**

**Best 3 of 4 exams. These are in class exams during the regular class time. You will need a scientific calculator. You may not use your cell phone calculator as they should be turned off in class anyway. Corrected exams will be on file in BANNER after the last person has taken the exam so students can evaluate how they performed before exams are graded and returned and to help study for the final exam.**

**FINAL EXAM            25%**

**A comprehensive final exam which contains similar questions/problems as the exams. Exam solutions will be on file in BANNER to help students study for this most important exam.**

**DISABILITY ACCESS STATEMENT – In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, it is the responsibility of the student to self-identify with the campus Disability Services office. Only those students with appropriate documentation will receive a letter of accommodation from the Disability Services office. Instructors are required to follow only those accommodation and/or services outlined in the letter of accommodation.**

**ASTR 1103 STARS AND GALAXIES LAB SUMMER I 2016**

**MEETING TIMES:**

**LAB: TTh: 1:30 – 4:30 pm                      WSB 321**

**INSTRUCTOR:**

**Alfred Alaniz  
WSB 314a  
432.837.8116 office  
432.837.8112 sec office  
EMAIL:**

**OFFICE HOURS:**

**M-F: 9 – 9:45 am  
M-Th: 4:30 – 5:30 pm  
F: 1:30 – 2:30 pm  
or by appointment**

**MATERIALS:**

**SCIENTIFIC CALCULATOR**

**A scientific calculator will be needed for math homework problems and exams. Cell phone calculators may not be used during exams.**

**NO LAB MANUAL IS NEEDED TO BE PURCHASED**

**Activities will be on file in BANNER or given out before lab  
Graph paper  
Binder/folder**

**EVALUATIONS:**

**BREAKDOWN:**

**A = 89.5 – 100  
B = 79.5 – 89.4  
C = 69.5 – 79.4  
D = 59.5 – 69.4  
F < 59.4**

**LAB:**

**Activities (8 - 11 depending on weather, drop lowest) = 60%**

**Journal (observations, bound in folder, due at end of semester) = 25%**

**Final (written and hands-on) = 15%**

**A few trips to McDonald Observatory will be attempted pending weather.**

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