

PIMA COLLEGE - EAST

ASTRONOMY/PHYSICS  
Fall Semester 2012

Course: AST 102 Time: 08:40 - 09:55 T Th Lec Room: M1  
AST 102LB TBA  
Evening Observation as schedule

WEBSITE: [ecc.pima.edu/diadevaia](http://ecc.pima.edu/diadevaia)

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\*\*\*All assignment dates will be on the website. I will explain in class\*\*\*

Week of	Date	Assignments		Topic
		Reading	Lab	
1		1		Introduction
2		5	1	Light/Spectra
3		18	2	Sun/Prop.of Stars
4		19	3	H-R Diagram
5			4	EXAM 1 /Stellar
6		21	5	Evolution
7		22	6	continued
8		23	7	Nebulae
9		24	8	Multi Star Sys
10			9	EXAM 2/ Clusters
11		25	10	Associations
12		26	11	Milky Way
13		27	12	Local Galaxies
14		28	OSM	Distant Galaxies
15		29	OSM	Cosmology

FINAL EXAM

# ASTRONOMY GRADE AST102/AST102LB

## Lecture

The lecture grade will be based on the following:

There will be three exams. Exam three will be a comprehensive final. The average of these exams will be 40 % of your final lecture grade.

There will be 5 quizzes given during the semester. These quizzes will cover the current class material. The average of the quizzes will be 40 % of your final lecture grade, for example:

Exam average is 79 %

Quiz average is 81 %

$$\text{Exam Average } 79\% \times .40 = 31.6\% \quad \text{Quiz Average } 81\% \times .40 = 32.4\%$$

There will be one computer simulation. This is a major project based on knowledge gained during the class. This project will be 20 % of your final grade.

The **computer simulation** activity will be assigned a grade of

0 % if it is not completed

70 % if it is completed and the results are greater than 15% of the accepted value and the work done meets the standards of the discipline as determined by the professor

100 % if it is completed and the results are within 15% of the accepted value and the work done meets the standards of the discipline as determined by the professor

For example, if the Simulation Grade is 70 %

$$70\% \times .20 = 14\% \quad \text{This is 20 % of the final lecture grade.}$$

The **final average** for the lecture is:

$$\text{Exam } 31.6\% + \text{Quiz } 32.4\% + \text{Simulation } 14\% = 78\%$$

The assignment of the final lecture grade will be as follows:

90 – 100% = A

80 – 89% = B

70 – 79% = C

50 – 69% = D

Below 49% = F

## Laboratory

The laboratory grade will be based on the following:

There will be ten activities. These activities will be from the lab packet materials found in your lab packet and videos that are on reserve in the library.

There will be three REQUIRED observation sessions. These sessions will be made from the college's observatory. The observations will be done during the evening and should be spread through out the semester. The observations required will be detailed in class.

The average will be taken of at least ten lab activity grades including the three observation sessions.

The observation sessions are worth 100% each if completed. Each lab activity is graded separately and will receive a grade from 0% to 100%. There will be at least 10 grades that will be averaged. That average will be assigned a grade as follows:

90	-	100%	=	A
80	-	89%	=	B
70	-	79%	=	C
50	-	69%	=	D
		Below 49%	=	F

There are no make up exams or quizzes. You will be given the dates of the exams during the first class meeting for your planning purposes. It is assumed you will be at every class meeting. If you miss a class you are responsible to get the class notes missed.

Study groups are very helpful and I encourage you to form them during the first week of class.

I will explain about the book for this course in class.