



# Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

<b>Term Effective:</b>	Spring	2008
	Semester	Year

Title:   
*(limit to 50 characters including spaces)*

Course Number:

Initiator:

Date Submitted:

Units Min:  *If this is a variable unit course, then the relationship between units and any difference in expected SLO's should be explained.*

Units Max:

Lecture Hours:       Lab Hours:       Activity Hours:

**Student Learning Outcomes:** *(Enter the SLO's in an outline format. Use the Ctrl + Tab keys to indent for subtopics.)*

1. Students will know how to set-up and take-down the 8 inch reflector telescopes.
2. Students will know how to make the primary mirror and the view finder scope parallel.
3. Students will know the coordinate system of Right Ascension and Declination in order to find their way through the evening sky.
4. Students will know the constellations along the Ecliptic and the Celestial Equator.
5. Students will know the names of the Messier Objects of the sky of the semester they are taking the class.
6. Students will know the bright stars in the celestial sky and know to what stellar classification they belong.
7. Students will know the Circumpolar sky constellations and Messier Objects
8. Students will know how to slew the telescope and arrive at various objects such as Nebulae, stars, Messier Objects, Globular Clusters and Supernovae.
9. Students will be able to do their own research for Near Earth Objects.
10. Students will observe all of the above at our observation site whenever weather and the moon's position allows

**SIGNATURES / APPROVALS:**

Instructor(s) \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

Instructor(s) \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_