Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Term Effective:	Spring (Semester)	2008 (Year)

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

Course Number: AST 204

Initiator: Gerald Debane

Date Submitted: 12/10/2007

Units Min: 3.00

Units Max: 3.00

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

Lecture Hours: 3.00 to 3.00

Lab Hours: 0.00 to 0.00

Activity Hours: 0.00 to 0.00

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

1. Students will know ancient Astronomy as it relates to solar astronomy.
2. Students will know the Conservation of Angular Moment Theory as it relates to planets revolving about the sun.
3. Students will know the Kepler Laws of Motion and Newtonian Physics as it relates to planetary motion.
4. Students will know the geology of the planets and moons of the solar system.
5. Students will know the weather conditions of the planets.
6. Students will know the places of the solar system that is of special interest for possible detection of alternate life forms.
7. Students will know the Kuiper Belt.
8. Students will know the Oort (not a spelling error) Cloud.

SIGNATURES / APPROVALS:

Instructor(s) _____ Signature _____ Date

Instructor(s) _____ Signature _____ Date