

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

PROGRAM AREA _____

1. Catalog Description of the Course. *[Include the course prefix, number, full title, and units. Provide a course narrative using underline for deletions and CAPITALS for additions including prerequisites/corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

PHYS 105: INTRODUCTION TO THE SOLAR SYSTEM (4)

Three hours of lecture and two hours of activities per week.

Prerequisite: None

Descriptive introduction to the astronomical properties of the Solar System. The historical development of astronomy. The laws that govern the behavior of the Universe. The properties of the stars and galaxies, including their origin and evolution. The Big Bang theory. Activity sessions will include computer-simulated exercises, and two field trips.

GenEd: B1

ASTR 105: INTRODUCTION TO THE SOLAR SYSTEM (4)

THREE HOURS OF LECTURE AND TWO HOURS OF ACTIVITIES PER WEEK.

PREREQUISITE: NONE

DESCRIPTIVE INTRODUCTION TO THE ASTRONOMICAL PROPERTIES OF THE SOLAR SYSTEM. THE HISTORICAL DEVELOPMENT OF ASTRONOMY. THE LAWS THAT GOVERN THE BEHAVIOR OF THE UNIVERSE. THE PROPERTIES OF THE STARS AND GALAXIES, INCLUDING THEIR ORIGIN AND EVOLUTION. THE BIG BANG THEORY. ACTIVITY SESSIONS WILL INCLUDE COMPUTER-SIMULATED EXERCISES, AND TWO FIELD TRIPS.

GENED: B1

2. Mode of instruction

	<u>Existing</u>				<u>Proposed</u>		
	Units	Hours Per Unit	Benchmark Enrollment		Units	Hours per Unit	Benchmark Enrollment
Lecture	<u> 3 </u>	<u> 1 </u>	<u>20</u>	Lecture	<u> </u>	<u> </u>	<u> </u>
Seminar	<u> </u>	<u> </u>	<u> </u>	Seminar	<u> </u>	<u> </u>	<u> </u>
Laboratory	<u> </u>	<u> </u>	<u> </u>	Laboratory	<u> </u>	<u> </u>	<u> </u>
Activity	<u> 1 </u>	<u> 2 </u>	<u>20</u>	Activity	<u> </u>	<u> </u>	<u> </u>

3. Course Content in Outline Form if Being Changed. *[Be as brief as possible, but use as much space as necessary]*

4. References. *[Provide 3-5 references on which this course is based and/or support it.]*

5. Indicate Changes and Justification for Each. *[Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]*

Course title

Prefix/suffix It was a PHYS course. The proposed change is to cross-list with ASTR (astronomy).

Course number

Units

Staffing formula and enrollment limits

Prerequisites/corequisites

Catalog description

Course content

References

GE

Other

