



SACRAMENTO  
STATE

# Course Change Proposal Form A



<b>Academic Group (College):</b> Natural Science and Mathematics	<b>Academic Organization (Department):</b> Physics and Astronomy	<b>Date:</b> 11/20/08
<b>Type of Course Proposal:</b> New ___ Change <u>x</u> Deletion ___	<b>Department Chair:</b> Gary Shoemaker	<b>Submitted by:</b> Chris Taylor
<b>Does this course fulfill a requirement for single-subject or multiple subject credential students?</b> Yes ___ No <u>x</u>	<b>For Catalog Copy:</b> Yes ___ No ___ <b>CCE (Extension):</b> Yes ___ No ___	<b>Semester Effective:</b> Fall <u>x</u> Spring ___, 2009__

<b>This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number):</b>	
<b>If changing an existing course, should new version be considered a repeat of the original version? If so, the same Course ID will be maintained. If not, a new Course ID will be assigned. Note: In PeopleSoft terminology, the Course ID is the unique system identifier, not the Catalog Nbr.</b>	Yes <u>x</u> No ___

**Change from:**

<b>Subject Area (prefix) &amp; Catalog Nbr (course no.):</b> ASTR 131	<b>Title:</b> The Solar System and Space Exploration	<b>Units:</b> 3
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**Change to:**

<b>Subject Area (prefix) &amp; Catalog Nbr (course no.):</b> N/A	<b>Title:</b> N/A	<b>Units:</b> N/A
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**JUSTIFICATION:**

Astr 131 has as one of its prerequisites Astr 4. In separate proposals, Astr 4 will be eliminated, and replaced with 3 courses, Astr 4A, 4B, and 4C. Instead of using Astr 4 as a prerequisite for Astr 131, any of Astr 4A, 4B or 4C will serve as prerequisite. This change in prerequisite is the *only* change being proposed.

**NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/umannual/acad.htm> - Guidelines for Catalog Course Description)**

Planets and satellites, including their composition, structure, and atmospheres, with emphasis on modern techniques and observations. Solar surface phenomena and their influence on planets through the solar wind. Comets, meteorites, and their implications for the origin and evolution of planets. Physical effects governing feasible forms of space exploration and colonization. **Prerequisite:** Any of Astr 4A, 4B, or 4C, or passing score on WPE. **Graded:** Graded Student. **Units:** 3.0.

**Note:**

**Prerequisite:** Any of Astr 4A, 4B, or 4C, passing score on WPE  
**Enforced at Registration:** Yes x No \_\_\_

**Corequisite:**  
**Enforced at Registration:** Yes \_\_\_ No \_\_\_

**Graded:** Letter x Credit/No Credit \_\_\_ **Instructor Approval Required?** Yes \_\_\_ No x

**Course Classification (e.g., lecture, lab, seminar, discussion):**  
C-01 **Title for CMS (not more than 30 characters):**  
Same as current catalog

**Cross Listed?** Yes \_\_\_ No x **If yes, do they meet together and fulfill the same requirement, and what is the other course.**

**How Many Times Can This Course be Taken for Credit?** \_\_\_1\_\_\_

**Can the course be taken for Credit more than once during the same term?** Yes \_\_\_ No x

**FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:**

**Description of the Expected Learning Outcomes:** Describe outcomes using the following format: "Students will be able to: 1), 2), etc." See the example at <http://www.csus.edu/acaf/example.htm>

*No changes from current Astr 131*

**\*\*Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.**

**Assessment Strategies:** A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

*No changes from current Astr 131*

For whom is this course being developed?  
 Majors in the Dept \_\_\_ Majors of other Depts \_\_\_ Minors in the Dept \_\_\_ General Education \_\_\_ Other \_\_\_  
 Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes x No \_\_\_  
 If yes, identify program(s): Astronomy minor

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes \_\_\_ No x  
 If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any). Astronomy minor

***The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.***

**Approvals:** If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:	Date
Department Chair: <i>Mary H. Shoemaker</i>	12/18/08
College Dean or Associate Dean: <i>Laurel Jefferson</i>	12/9/08
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

**Distribution:** Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.