

Course Bulletin Listing/Subject Area	Astronomy
Fiscal Unit/Academic Org	Astronomy - D0614
College/Academic Group	Mathematical And Physical Sci
Level/Career	Undergraduate
Course Number/Catalog	1161
Course Title	Introduction to Solar System Astronomy
Transcript Abbreviation	Solar Sys Astron
Course Description	Physical nature of the sun and its family of planets, satellites, comets and minor bodies; gravitation, light, and telescopes.
Semester Credit Hours/Units	Fixed: 3

Offering Information

Length Of Course	14 Week
Flexibly Scheduled Course	Never
Does any section of this course have a distance education component?	No
Grading Basis	Letter Grade
Repeatable	No
Course Components	Lecture
Grade Roster Component	Lecture
Credit Available by Exam	Yes
Exam Type	EM Tests via Office of Testing
Admission Condition Course	Yes
Admission Condition	Natural Science
Off Campus	Never
Campus of Offering	Columbus, Lima, Mansfield

Prerequisites and Exclusions

Prerequisites/Corequisites	Math 075, 102, or 1050 or Math Placement Level R
Exclusions	Not recommended for ASC BS students or students who plan to continue in astronomy or physics. Not open to students with credit for Astron 161, 171, 291, or 2291.

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code	40.0201
Subsidy Level	General Studies Course
Intended Rank	Freshman, Junior, Sophomore, Senior

Quarters to Semesters

Quarters to Semesters	Semester equivalent of a quarter course sequence (e.g., a 3-quarter sequence becomes a 2-semester sequence, a 2-quarter sequence becomes a 2-semester sequence, a 2-quarter sequence becomes a 1-semester course)
List the current and proposed sequences by number and title	Astron 161, Introduction to Solar System Astronomy Astron 162, Introduction to Stellar, Galactic, and Extragalactic Astronomy

Requirement/Elective Designation

General Education course

Course Details

Course goals or learning objectives/outcomes

Content Topic List

- Basic astronomy: the celestial sphere, seasons and calendars, eclipses.
- Dynamics of the Solar System: Copernicus, Kepler, Galileo, and Newton
- Light and atoms.
- Telescopes and starlight.
- Constituents of the Solar System: the Sun, planets, and small bodies.

Attachments

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Peterson, Bradley Michael	10/21/2010 01:42 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	10/21/2010 02:38 PM	Unit Approval
Approved	Andereck, Claude David	11/09/2010 04:40 PM	College Approval
Pending Approval	Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay Nolen, Dawn	11/09/2010 04:40 PM	ASCCAO Approval