

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	1162
Course Title	Introduction to Stellar, Galactic, and Extragalactic Astronomy
Transcript Abbreviation	Stars and Galaxies
Course Description	Structure, motions, and evolution of stars, interstellar material, galaxies, and the universe as a whole.
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	Astron 161, H161, 1161 or 1161H or permission of instructor.
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 162, H162, 172, 292, or 2292.

## **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

- Properties of stars.
- The life cycle of stars.
- Properties of the Milky Way Galaxy.
- Galaxies and large-scale structure.
- Cosmology and the history of the universe.

## Attachments

## Comments

## Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Peterson, Bradley Michael	10/21/2010 01:48 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	10/21/2010 02:36 PM	Unit Approval
Revision Requested	Andereck, Claude David	11/09/2010 04:39 PM	College Approval
Submitted	Peterson, Bradley Michael	11/09/2010 05:17 PM	Submitted for Approval
Revision Requested	Peterson, Bradley Michael	11/10/2010 10:00 AM	Unit Approval
Submitted	Peterson, Bradley Michael	11/10/2010 06:00 PM	Submitted for Approval
Approved	Peterson, Bradley Michael	11/10/2010 06:11 PM	Unit Approval
Approved	Andereck, Claude David	11/11/2010 09:31 AM	College Approval
Pending Approval	Hanlin, Deborah Kay Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn	11/11/2010 09:31 AM	ASCCAO Approval