

Outlier.org

Intro to Astronomy

- ✓ 100% online accredited course
- ✓ Worth 3 transferable college credits
- ✓ All learning materials included
- ✓ Unprecedented high school success rates

We are all made of star stuff. And in Intro to Astronomy, you'll discover just how that stuff wound up creating the universe around us. Filled with jaw-dropping views of the cosmos, this course explores everything from the Big Bang to the fate of the universe—and every microcosm of space in between.

TRANSCRIPTED BY:



University of
Pittsburgh

Taught by 4 brilliant instructors:

Michelle Thaller, Ph.D. (*pictured*) | NASA

Jackie Faherty, Ph.D. | AMERICAN MUSEUM OF NATURAL HISTORY

David Grinspoon, Ph.D. | PLANETARY SCIENCE INSTITUTE

Hakeem Oluseyi, Ph.D. | FLORIDA INSTITUTE OF TECHNOLOGY



What You'll Learn

This course covers all the essential astronomy concepts and theories needed for college credit and content mastery:

- Gathering, detecting, and interpreting light
- Analyzing starlight and celestial differences
- Motions of the Earth, moon, and sun
- The life cycle of stars and black holes
- The origin of the solar system
- The Milky Way and other galaxies
- Large-scale structure and cosmology
- Dark matter, dark energy, and the expanding universe



How It Works

Outlier Dual Enrollment transforms your high school classroom into a college lecture hall. You'll learn from the best—unlimited by geography, transportation, or logistics.

STUDENT EXPERIENCE:

- ✓ Interactive, mastery-based learning
- ✓ Cinematic lectures with top-rated instructors
- ✓ 5 hours/week between school and home
- ✓ Up to 3 attempts per quiz to maximize retention and retrieval



Let's Get Started

Outlier.org