



Center for Adaptive Optics

# Hartnell Astronomy Short Course



July 30—August 4, 2007  
Hartnell College



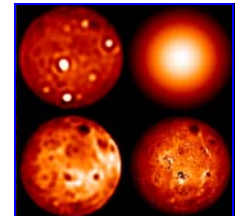
## Instructional Team

Candace Church, Laura Lopez and Kate Rubin (UC Santa Cruz), Conor Laver (UC Berkeley)  
Pimol Moth and Andy Newton (Hartnell College)

This course will be a survey of astronomical topics focused on galaxies and the distant Universe. The course will consist of hands-on activities, lectures, telescope observations, and interactive problem solving, and students will have the opportunity to design and carry out their own experiments. Astronomy-related career paths will be discussed, and a field trip to Lick Observatory will be included. This course will be acceptable for physics credit at any state college or university.

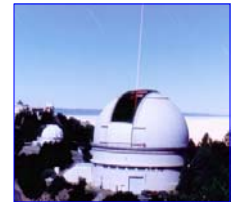
## Some of the questions we will explore include:

- How do astronomers observe and learn about distant galaxies?
- How do we measure the distances to stars and galaxies?
- What do the shapes and colors of galaxies tell us about how they formed and evolved?
- What do we know about how the Universe began?



## Benefits to students:

- Meet other students with similar interests!
- Practice critical thinking, and learn how to ask questions like a researcher!
- Practice your presentation skills!
- Receive school and career counseling and recommendations!



More Information Is Online: <http://cfao.ucolick.org/EO/internshipsnew/shortcourses/hartnellastronomy.php>

## To Find Out More Contact:

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