

Course Outcomes: ASTR 101

Astronomy

The following are working course outcomes. These outcomes will be reviewed by the NWIC Curriculum Committee during the curricular review process in 2017 with the intent of creating and approving course outcomes.

At the completion of this course students are expected to be able to:

- Differentiate science from other approaches to knowledge
- Describe basic differences in how different cultures view the universe
- Describe the historical evolution of astronomy over time
- Interpret the diurnal and annual motions of the sun, moon, planets and stars
- Describe the function and operation of telescopes
- Compare properties and evolution of planets and other constituents of the solar system
- Classify stars based on spectral properties and interpret the HR Diagram
- Apply the basic physical principles underlying stellar evolution
- Classify galaxies based on form
- Use the internet to research and explore astronomy topics
- Use the basic vocabulary of astronomy to communicate and in writing