

ASTR 1130 CONSTELLATION MYTHOLOGY 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

A study of the ancient mythological stories and philosophies of world cultures as seen in the patterns of stars in the night sky. A basic grounding in Greco-Roman myths and representations of star patterns will be compared to other world cultures, including but not limited to, Native American, Chinese, Arabic, South Pacific, Arctic.

Prerequisites: None

Semester Offered: Fall & Spring

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

1. Verbally relate classical (Greco-Roman) mythology stories and explain their importance in this culture's community.

2. Verbally relate and compare other cultures' mythology stories, explaining their importance in those cultures' communities.
3. Explain how star patterns in the heavens were used to help embody or visualize mythology stories.
4. Explain how mythology stories were used to help explain the motions of the heavens.
5. Exhibit familiarity with all parts of a star map.
6. Show how to find major constellations using a star map, the night sky, or a partial or full sky simulation.
7. Identify different versions of constellation patterns as perceived by different ancient cultures.