

The Course Application process includes a question asking how you will teach your two competencies in your class. Here are a few examples to show you the appropriate level of detail to give the General Education Committee when submitting a course for general education status.

Question

Describe how you plan to cover/teach this competency in your class.

Critical Thinking Sample Answers

- Critical thinking will be taught by applying the binomial and normal distributions to various situations, performing hypothesis tests and making conclusions based on the results, and by using linear regression equations to predict future results.
- The instructor will introduce the Critical & Innovative Thinking SLO at the beginning of the course and will model explaining and applying astronomy concepts and terminology through lectures. Students will practice critical and innovative thinking skills through targeted clicker and exam questions. Students will also practice transforming key concepts through one or two short writing assignments such as summarizing an astronomy news article. Credo Instruct modules may also be used to reinforce critical thinking skills.

Ethical Reasoning Sample Answer

Every week students will be given an article to read involving a current event in policing. The class will discuss the potential ethical biases of the author and discuss how their own biases effect their reading and interpretation of the article.

Communication Sample Answers

- Students will be encouraged to participate in class discussions and presentations that introduce and link ideas and theories of physics with Earth's dynamic surface processes. Timely Earth processes and events will be discussed. Emphasis on the Communication skills rubric will be a part of the writing homework guidelines on each assignment.
- Short essays will be assigned at the end of every chapter requiring students to communicate, in depth, one of the chapter's main ideas or themes. Additionally, students will be required to regularly discuss course content in small groups and as a class every day. Students will practice articulating their own thoughts as well as the thoughts of other students.

Information and Technology Literacy Sample Answer

After an introduction to proper Internet usage, regular small research assignments will be given requiring the use of Internet sources. Each assignment will tie modern events in with course content. Class time will be taken to analyze the reliability of the various sources used by the class.

Quantitative Reasoning Sample Answer

Word problems are a major part of this course. After every word problem, we stop as a class and discuss whether or not the answer is reasonable. Semi-regularly, we practice estimation techniques before finding an exact answer to a question, so as to build up number sense.