

STUDENT LEARNING OUTCOMES

Course: **Astronomy 222**

1. Given a particular problem or project in astronomy, by using library and/or internet work and related research, students will, on an independent basis, and under the guidance of the instructor, demonstrate a deeper understanding of the astronomical and physical concepts involved in the problem or project by correctly describing these concepts.
2. By properly applying physical law and/or astronomical principles students will gain further insight into the problem or project.
3. Also, students may use laboratory work to correctly construct physical systems to learn to use and manipulate laboratory apparatus, and to correctly make and analyze measurements of these physical systems to further study the astronomical problem or project.