

Student Learning Outcomes

1. Students will demonstrate an understanding of the basic principles in the physical sciences to evaluate and solve qualitative and quantitative problems using appropriate scientific models and/or mathematical manipulations.
2. Students will demonstrate competency in basic laboratory skills.
3. Students will clearly communicate scientific information to instructors and peers in verbal and written formats.
4. Students will collaborate effectively with their peers.
5. Students will demonstrate independent learning.
6. Students will demonstrate the ability to use current technology to solve problems, interpret data, and develop reasoning skills.
7. Students will apply an understanding of physical sciences principles learned in the classroom to past, current, and future events to make informed choices as global citizens and to act as an advocate for change in the local community.

