

Standing Requirements

SLO/Performance Indicator

Physical Science Department Outcome Set

1. Use evidence based scientific process

Use an evidence-based scientific process to solve a variety of physics and geosciences problems.

Performance Indicator	Mapping
1a. Identify a problem Identify or recognize a problem through careful observation.	Lakeland Learning Outcomes: 4
1b. List possible reasons as to causes List possible reasons as to the potential causes of the problem.	Lakeland Learning Outcomes: 5
1c. Select steps related to solving the problem. Select the proper equations, concepts or tests related to solving the problem.	Lakeland Learning Outcomes: 7
1d. Use in proper sequence. Use proper equations, concepts and tests in the proper sequence to solve the problem.	Lakeland Learning Outcomes: 8a
1e. Record and interpret data. Record and properly interpret the resulting data using the correct units of measurement.	Lakeland Learning Outcomes: 8a, 8b
1f. Solve the problem.	Lakeland Learning Outcomes: 8a
1g. Communicate the results. Use scientific reasoning to descriptively and effectively communicate the results of the problem solving process.	Lakeland Learning Outcomes: 11
Students will Learn Actively A student taking a course in Lakeland's Physical Science Department will be	No Mapping

engaged directly in class learning activities.

Last Modified: 08/21/2018 10:12:50 AM