

Standing Requirements

## SLO/Performance Indicator

### Chemistry Department Outcome Set

1.

The student will demonstrate knowledge of concepts related to matter and energy.

Performance Indicator	Mapping
1a. Apply knowledge of the metric system to measurements and conversions.	Lakeland Learning Outcomes: 11, 4
1b. Demonstrate knowledge of atomic structure.	Lakeland Learning Outcomes: 11, 4
1c. Write and interpret chemical formulas.	Lakeland Learning Outcomes: 9b
1d. Applying mole concepts to solve stoichiometry problems.	Lakeland Learning Outcomes: 11, 4
1e. Understanding aqueous solution concepts.	Lakeland Learning Outcomes: 11, 4
1f. Identify acids and bases and calculate pH.	Lakeland Learning Outcomes: 11, 6a
1g. Understand chemical bonding concepts.	Lakeland Learning Outcomes: 11, 4

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