OAH061 – Introduction to Logic
3 Semester Hours

Related TAG: Philosophy

A minimum of 70% of the Student Learning Outcomes, including essential outcomes marked with an asterisk (*), must be met.

Statewide Learning Outcomes:

1. Students will symbolically formalize statements and arguments. *
2. Students will identify arguments and their premises and conclusions.
3. Students will distinguish between deductive and inductive reasoning.
4. Students will gain familiarity with and apply logical concepts including equivalency, contradiction, consistency, validity, and soundness.
5. Students will use Venn diagrams to evaluate arguments in categorical logic.
6. Students will use truth tables to evaluate statements and arguments in sentential/propositional logic. *
7. Students will construct proofs in sentential/propositional logic. *
8. Students will construct proofs in predicate logic.