COURSE DETAIL

REASONING
Country United Kingdom - Scotland
Host Institution University of St Andrews
Program(s) University of St Andrews
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Philosophy
UCEAP Course Number 120
UCEAP Course Suffix
UCEAP Official Title REASONING
UCEAP Transcript Title REASONING
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course introduces the essential concepts and techniques of critical reasoning, formal propositional logic, and basic predicate logic. Among the central questions are these: what distinguishes an argument from a mere rhetorical ploy? What makes an argument a good one? How can we formally prove that a conclusion follows from some premises? In addressing these questions, students also cover topics such as argumentative fallacies, ambiguity, argument forms and analyses, induction versus deduction, counterexamples, truth-tables, truth-trees (tableaux), natural deduction, and quantification.

Language(s) of Instruction
English

Host Institution Course Number
PY1012

Host Institution Course Title
REASONING

Host Institution Course Details
https://www.st-andrews.ac.uk/subjects/modules/catalogue/?code=PY1012&academic_y...

Host Institution Campus

Host Institution Faculty
School of Psychology and Neuroscience

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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