



Certificate of Achievement

Roberto Nicolás Savinelli

has completed the following course:

LOGIC: THE LANGUAGE OF TRUTH
UNIVERSITY OF YORK

This course taught learners to use logic to evaluate arguments, and discover more about philosophical concepts like truth-tables and logical form.

4 weeks, 4 hours per week



Professor Tom Stoneham
Dean of Graduate Research School
University of York



UNIVERSITY
of York

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

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89%
OVERALL
SCORE

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STUDY REQUIREMENT

4 weeks, 4 hours per week

LEARNING OUTCOMES

- Evaluate arguments (chains of reasoning) using a formal language as a tool
- Apply an understanding of the concept of validity in evaluating arguments
- Explore the relationships between formal languages and everyday or 'natural' languages
- Apply an understanding of the idea of a formal language — a specially created language with key vocabulary having carefully specified precise meanings — in analysing and understanding claims expressed in everyday language

SYLLABUS

- How to use formal logic as a tool to clarify and evaluate arguments
- Identifying the premises and conclusions of arguments;
- Applying the philosophical concepts of 'truth-value', 'validity', 'logical form', 'sentence connective' and 'truth-function';
- Using truth-tables to work out the truth-values of compound sentences
- Using truth-tables to test arguments for validity;
- Exploring the relationship between formal logical language and natural language