Logic | PIU22023

Year	Senior Freshman
ECTS Credits	5
Contact Hours	22 Hours: 18 Lecture Hours + 4 Tutorial Hours
Pre-requisite	None
Semester	1
Module Leader & Lecturer	Professor John Divers
Contact Email	diversj@tcd.ie

Module Outline:

This course is an introduction to logic aimed at philosophy students. You will learn to apply methods and techniques that capture intuitive logical concepts such as argument-form, proof and validity. For the most part we will be doing logic, which is to say working with systems of symbols as you would in very elementary (mid high school level) algebra. But we will also consider philosophical issues such as the relationship between logical form and natural language and the known limits of formal (symbolic) methods.

Assessment:
2 online multiple-choice tests in-term (25% + 25%) and 1 (end of module, in -person) Exam (50%).

Recommended Reading List:
This module will be taught from a single essential text:

Tomassi, P. *Logic* (Originally published by Routledge 1999 but all versions in the public domain are the same).

N.B. In the study of formal logic it is very important that you DO NOT consult other sources.