THE UNIVERSITY OF WESTERN ONTARIO

DEPARTMENT OF PHILOSOPHY

Graduate Course Outline 2017-18

Philosophy of Mathematics

Instructor: Professor John L. Bell

COURSE DESCRIPTION

This is a survey/seminar course in the Philosophy of Mathematics, in which the work of key figures such as Frege, Russell, Brouwer, Hilbert, Weyl and Ramsey will be discussed. Special attention will be paid to developments in the 19th and 20th centuries, in particular, to the three "schools" in the foundations of mathematics, Logicism, Intuitionism and Formalism.

TEXTS

Course notes and a reading list can be found on my website http://publish.uwo.ca/%7Ejbell/. Also recommended is Benacerraf and Putnam: *Philosophy of Mathematics, Selected Readings.*

REQUIREMENTS

Students will be required to submit one substantial essay, and to present a paper orally before the