**Preliminary Course Outline**

**DEPARTMENT OF HISTORY – FALL 2016**

**HIST\*1250 – Science and Society in a Global Context**

**Instructor: Dr. Tara Abraham e-mail:** **taabraha@uoguelph.ca**

**Course Format**:

Two 1.5-hour lectures per week

**Course Synopsis**:

This course is an introduction to the historical development of science and technology in a global context, from the ancient period to the present. We will address the ways in which scientific and technological knowledge has been shaped by social and cultural contexts and how such contexts were affected by science and technology. Our focus will be on the trajectories and patterns in which scientific and technological knowledge, objects, and practices have circulated between cultures throughout history and how the development of science and technology is contingent upon time and place. We will examine science and technology in the Islamic world, in Europe, in China, and India.

**Methods of Evaluation and Weighting**:

Online Weekly Quizzes 15%

Outline & Annotated Bibliography 10%

Midterm Exam 25%

Final Essay 15%

Final Exam 35%

**Texts and/or Resources Required**:

Andrew Ede and Lesley B. Cormack. *A History of Science in Society: From Philosophy to Utility*. **Third Edition** (University of Toronto Press, Higher Education Edition, 2016). ISBN 9781442634992

Daniel R. Headrick. *Technology: A World History*. (New York and Oxford: Oxford University Press, 2009). ISBN: 978-0195338218

Some supplementary online readings

*\*Please note: This is a preliminary web course description only. The department reserves the right to change without notice any information in this description. The final, binding course outline will be distributed in the first class of the semester.*