PART I - INFORMATION WORKSHOP DESCRIPTION

INF1006H - Information Workshop Description

**Authenticity of the 3D Printed Object**

**Section 0101, Wednesdays from 9-12pm (week of February 29, 2016 to week of April 4, 2016)**

**Instructor: Matt Ratto**

New forms of representation have typically troubled past modes of evaluation and analysis. The photograph, the moving cinema image, analog audio recordings, newer digital forms – all of these developments have been understood as requiring new practices for establishing value and legitimacy. 3D printing is no exception and raises intriguing questions associated with its hybrid physical/digital form. In this workshop we will explore how 3D printed objects and their makers perform authenticity within various contexts, including the museum, the laboratory, and the hospital.

Working in groups, students will develop a 3D object through scanning or de novo modeling and, as well, define a specific process for establishing and validating its legitimacy. Readings from fields such as archival science, archaeology, and scientific representation will provide a theoretical basis for our explorations. No technical expertise is required to participate but students should expect to engage with simple physical computing and software technologies. Basic tutorials on 3D scanning, modeling, and printing will be provided within the course.

**Please note: No previous technical knowledge is required to take this course.** Basic tutorials on 3D scanning, modeling, and printing will be provided. Students will be expected to work on projects within and outside of class hours and to develop some skills in these areas. **Students with little or no technical background but with an interest in developing basic skills are encouraged to attend.**