Directed Study / Special Topic Proposal

This form is to be completed by the student(s), in consultation with the instructor, and submitted to the Graduate Program Administrator (Jonas Tenold jrtenold@ucalgary.ca) at least two weeks prior to the fee payment deadline of the proposed term of study.

Current date: 19 January 2015

Name of Course Instructor(s):   Graham Livesey

Student Details

Name (including salutation): Stephanie Rideout

UCID Number: 10105066

Degree Program: M.Arch (Environmental Design)

More than one student will be participating in this Directed Study / Special Topic: No

Note: If checked, please provide a separate document listing names, UCID numbers, and degree programs of participating students.

Course Details

Title: Machine construction study

Proposed Term of Study of Directed Study / Special Topic, i.e. fall, winter, spring, summer: W 2015

Summary/Description: Student will research and construct an architectural machine exploring the relationship between architecture, time, and historic/cultural perception.

Weight: Half Course (0.5 FCE)

                   Quarter Course (0.25 FCE)

Final Grade Type: Letter Grade

                   Credit/Fail

This course is essentially a research topic of the: **Student**

                                                      Instructor

Course Outline

Learning Objectives:

- Explore the relationship between architecture and time through construction of a Libeskind-esque machine
- Material properties and design processes
- Reading and research on the topic of time and architecture

Thematic Content:

- Architecture, space and time
- Material and construction

Expected Outcomes:

- Development of a working machine that contributes to the dialogue regarding architecture and time
- Developed understanding of material properties and mechanical sequences

Means of Evaluation (if letter-graded, provide assignment weight, in percentage)

Assignment 1:   Research and development, concept and technical studies

Assignment 2:   Build phase