AUTUMN 2014
Graduate Landscape Architecture

LARCH 4410/7410: Advance Landscape Technologies
Malmstrom

Title: Fabrication[s]

As designers we are in a constant struggle of expressing our design intents second-hand through various forms of representation such as drawings, renderings, models, etc. A similar struggle exists between the digital and the physical worlds as designers move further into the fabrication realm using equipment such as CNC routers, plasma cutters, and robotic arms for building their ideas.

This seminar looks to explore the possibilities within representation which exist when an idea progresses between analog and digital using various fabrication and rapid prototyping equipment. Moving from analog models to digital information and back, students will critique and exploit the possibilities left within this translation. Student will utilize 1) input devices such as digitizing arms and 3d scanners, 2) prototyping equipment such as laser cutters, 3d printers and vacuum formers, and 3) fabrication equipment like CNC routers and hot wire cutters while understanding the implications of the processes upon the resultant object.

3 credit hours

LARCH 5194: Landscape History (Prehistory - 1850)
Imbert

This course focuses on key moments from prehistoric settlements to 19th-century public spaces to assess the resilience of landscape ideals.

Across the course of the semester, the study of garden archetypes—paradise, renaissance, baroque, zen, picturesque—will run in parallel with that of broader human interventions in the natural environment. Thus students will also examine infrastructural, productive, and symbolic sites from the roads and agricultural systems of the Roman Empire to the sacred mounds of Hopewell culture in Ohio. Ultimately, understanding the ideas, aesthetics, and ecologies of gardens, landscapes, and settlements promotes the understanding of sites in socio-political, economic, and cultural contexts in the past and today.

The course combines lectures and discussions; it is reading intensive. Students are required to actively engage in a research project and think analytically.

Note: This course fulfills a History and Theory requirement.

3 credit hours