ARCH 5590.01 / CRPLAN 5880 / LARCH 5880: PORTFOLIO (FIRST 4 WEEKS)

Lewis

**Students will need to adjust the credit hours to 1.5 when they register.**

This 4-week hands-on portfolio workshop will teach students how to visualize their work by designing a physical and digital portfolio. The course will cover basic graphic and informational design techniques such as: portfolio production; page layout and organization; typography; layering information; forming hierarchies and structures within the book, the page and content.

The course is open to all Knowlton disciplines. Whether students are grappling with text, renderings, plans, photos reports, presentations or papers, the same principles of hierarchy, structure and organization are paramount.

Students will meet for lectures and hands-on workshops in the Knowlton Computer Lab 430. All students must have a working knowledge of InDesign in order to take this course.

1.5 credit hours

ARCH 5590.01: TOPICS IN BUILDING TECHNOLOGY (FIRST 4 WEEKS)

Payne

Title: REVIT

1.5 credit hours

ARCH 5590.01: TOPICS IN BUILDING TECHNOLOGY (FIRST 4 WEEKS)

Malmstrom

Title: Grasshopper

**This course is open to students new to Grasshopper. Students who are at an intermediate level are encouraged to meet with Troy.**

Utilizing the Grasshopper interface within Rhino 4.0, students will begin by replicating a series of contemporary case study projects employing the parametric design software. These projects range in scale from large topographies such as Eisenman’s Memorial to the Murdered Jews of Europe to facade studies such as Herzog & De Meuron’s Signal Box and more. After understanding each case-study, students will then take the project further as they propose their own modification to the parametric definition resulting in an altered version of the original project. The course will culminate in the fabrication of one these modified systems utilizing the school’s various prototyping and fabrication equipment.
ARCH 5880 / CRPLAN 5890 / LARCH 5880: TACTICAL URBANISM (FULL SUMMER)

Instructor: Lauren Edwards

In this workshop, Knowlton students will lead a team of youth (14-16), and act as community engagement consultants, as they participate in a visioning process and resulting Tactical Urbanism project. The projects will take place in the Near East Side neighborhood of Columbus, and will demonstrate the youths' vision to change the perception of a specific place. Working with Partners Archiving Community Transformation (PACT) and the Mid-Ohio regional Planning Commission (MORPC), Knowlton students will lead a team of 8 youth, working closely with their college-aged counselor, to generate and support the planning and implementation of the project.

At the completion of this course, students will:

- Demonstrate a deeper understanding of the process of engaging youth in community planning
- Demonstrate their ability to support a visioning process
- Appreciate the social, historical, economic, and community assets that exist in distressed communities
- Gain cultural literacy
- Gain an understanding of Tactical Urbanism (TU)
- Have completed a full TU project from planning through to removal
- Apply skills and knowledge gained through their discipline’s coursework to a Tactical Urbanism project

Please note:

1. The schedule during the week of July 18-22 will be altered, as each team will be completing a full day Tactical Urbanism project one day that week. This schedule will be discussed the first week of class.

2. Once enrolled students will receive a questionnaire to determine the best fit for placement within the class.

3 credit hours

ARCH/LARCH 2300/E: OUTLINES OF THE BUILT ENVIRONMENT (FIRST 8 WEEKS)

Moore

Introduction to architecture, landscape architecture, and planning as cultural practices that shape the physical environment. This course takes place during the first 8 weeks of the summer term.

Prereq: Not open to students with credit for 200, 1210, 2300E, LArch 1210 (200), 2300, or 2300E. GE cultures and ideas course.
3 credit hours

ARCH/LARCH 2310: INTRODUCTION TO DESIGN (FULL SUMMER)

Wilke

Introduction to the design of the physical environment through the exploration of form, space, and order using drawing and modeling techniques.

Cross-listed in ARCH and LARCH.

4 credit hours