Urban Planning Graphics
(Sketchup Workshop)

Faculty
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Office
Knowlton Hall 288

Office Hours
By arrangement

Time:
Monday 6:30-8:25

Location:
Knowlton Hall Room 430

Course Description:
As computer technology advances in today’s society, it becomes easier for planners to use new tools as means of communication. Whether it’s by means of analog representation or digital, the clarity of thought and design can become represented so a larger segment of the population can understand the planner’s ideas more easily. One of type of tool used for this type of representation is 3-Dimensional modeling. Each model created can be a relatively accurate depiction of space in which planners and the public can navigate to see a complete picture of a built environment.

Course Objectives:
In this course, the student successfully completing the course learns the basic principles of 3D representation of the built environment. The student will use the following pieces of software to further represent those principles.

Computer programs to be explored include:
- Google Sketchup®
- Google Layout®
- Google Earth®

*students may wish to explore other programs during this class, but these will be the primary focus*

Each student completing the course will have knowledge of the program’s organizational structure, essential commands, output options, inter-compatibility and most common applications.
Instructional Methodology

The methods used in the class include computer lab based exercises to provide guided exploration of the software, in a setting where instructor assistance is at hand. Other work will be projects independently graded, dependent on readings, prior in-class exercises and independent synthesis of course concepts and skills.

Readings & Resources:

**Safari Tech Books**
To use this resource you will need to go through the OSU library website
In the research database section.

**Zoning handbook** by Department of City Planning
New York, N.Y. 2011

**Grid/street/place: essential elements of sustainable urban districts** by Nathan Cherry, with Kurt Nagle isbn:9781932364729

**Visioning and visualization: people, pixels, and plans** by Kwartler and Longo
Cambridge, Mass. : Lincoln Institute of Land Policy, c2008 isbn: 9781558441804

**Planning and urban design standards** by American Planning Association ;
Hoboken, N.J. : John Wiley & Sons, c2006

**Landscape architectural graphic standards** by Leonard J. Hopper, Hoboken, N.J. :
John Wiley & Sons, c2007
Grading:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>Attendance/Participation</td>
<td>10 pts</td>
</tr>
<tr>
<td>Project 1</td>
<td>40 pts</td>
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<tr>
<td>Project 2</td>
<td>40 pts</td>
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<tr>
<td>Documentation</td>
<td>10 pts</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100 pts</td>
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<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>&gt;93%</td>
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<tr>
<td>A-</td>
<td>90-92.99%</td>
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<tr>
<td>B+</td>
<td>87-89.99%</td>
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<td>B</td>
<td>83-86.99%</td>
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<tr>
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<td>80-82.99%</td>
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<td>C+</td>
<td>77-79.99%</td>
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<td>C</td>
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<td>&lt;60%</td>
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There will be no grading curve in the class. The information is cumulative and necessary to build upon to continue in the course. Assignments must be turned in on time. No Late assignments will be accepted. If you are encountering circumstances beyond your control which prevent you from performing in the class or are in fear of failing the course, please see the instructor sooner, rather than later to discuss options. Only those students, whom the instructor deems to have legitimate external issues, will be given opportunity to make up or complete work past the due date.

You should have 3 copies of each drawing (CD, Thumb drive, Server, Hard Drive, etc…) This will make you at most 1-2 hours behind if something happens to 1 of the copies. (but you have backup)

**Academic Misconduct and other University Policies:**

All rules of academic or personal misconduct will be governed by the university policies. They can be found at the following locations:


**ADA Policy Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Office of Disability Services at (614) 292-3307.
KSA Computer Policy and Equipment:

For KSA computer policy and information please read The Introductory Student Computer Manual http://support.knowlton.ohio-state.edu/files/Basic_Computer_Usage.pdf

For university Computer usage protocol please read the CIO “Policy of Responsible Use” http://cio.osu.edu/policies/use_policy.

Failure to read or understand any of these policies does not constitute the ability to use ignorance for failure to comply with them. As of reading this syllabus you have been notified and understand that any material in either of these booklets may be given as part of a test or pop quiz at any time throughout the quarter.