



Course Title: Site Planning Studio			
Course Number	EVDP 625		
Co-Requisite	EVDP 602 Computer Modeling		
Instructor Name	Tawab Hlimi, Tomasz Sztuk, Beverly A Sandalack (course manager)	Instructor Email	tawab.hlimi@ucalgary.ca , tomasz@stukarchitecture.com sandalack@ucalgary.ca
Office Location	Tawab - PF3190 Tomasz -TBA Bev - PF3102 / 3201	Hours by appointment	
Class Dates	Fall 2019, Mondays and Wednesdays		
Class Times	2:00pm to 6:10pm		
Class Location	PF 3160 and MPlan and MLA studios		

Course Information / Description of the Course

This course consists of an introduction to site analysis, site planning, landscape planning and urban design. It emphasizes ideas of landscape and urban process and form, human behaviour/ built form relationships, environmental conservation, and sense of place. This is a required course for all students in the Master of Planning and the Master of Landscape Architecture Programs and is the first in the series of studio core courses.

Learning Resources

The following are recommended. Specific readings will be assigned.

American Planning Association (2006) Planning and Urban Design Standards (Wiley)
Bentley, Ian. et al (1985) Responsive Environments: A Manual for Designers (Arch. Press)
Cantrell, Bradley, Michaels (2010) Digital Drawing for Landscape Architecture (Wiley)
Davis, David and Theodore Walker (2000) Plan Graphics (Wiley)
English Partnerships (several printings) The Urban Design Compendium.
Ching, Frank (2012) Architectural Graphics (Wiley)
Frederick, Mathew & Vikas Mehta (2018) 101 Things I Learned in Urban Design School (MIT)
Hack, Gary (2018) Site Planning: International Practice (MIT Press)

Hough, Michael (1994) *Cities and Natural Process* (Routledge)
Jacobs, Alan B., Eliz. MacDonald & Yodan Rofe (2002) *The Boulevard Book* (MIT Press)
Laurie, Michael (1975) *An Introduction to Landscape Architecture* (Elsevier)
Lynch, Kevin (1981) *(A Theory of) Good City Form* (MIT Press)
Lynch, Kevin (1971) *Site Planning* (MIT Press) or later versions with Garry Hack
Marsh, Will (2010) *Landscape Planning: Environmental Applications* (5th ed) (Wiley)
McHarg, Ian (1969, reprinted 1994) *Design With Nature* (New York: Doubleday)
Newton, Norman (1971) *Design on the Land: The Development of Landscape Architecture* (Harvard University Press)
Sandalack, Beverly A. & Andrei Nicolai (2006) *The Calgary Project: urban form/urban life* (University of Calgary Press)

Technology requirements:

Course materials and information will be posted on D2L. Students are responsible for accessing this information. Some course materials will only be available on D2L and will not be provided as hard copies.

Computer applications required for this course will be taught in EVDP 602 Computer Modeling. Students are responsible for making the connections between the courses.

Course Learning Outcomes

At the end of this course, students will be able to:

1. Have an understanding of the natural and cultural processes that are involved in the formation of the built environment
2. Be aware of theories, methods, and strategies employed in physical planning and site design
3. Comprehend site planning as a coherent process and be able to apply this process to decision making with regard to site programming, inventory and analysis, and development, at various scales of resolution
4. Employ appropriate graphic and verbal skills in order to facilitate the processes of analysis, planning and design, and as a means of communicating to others.

Assessment Components

Assessment Method	Description	Weight	Aligned Course Learning Outcome
Progress and Review	P1, Good Streets, completed in pairs	35%	1,2,3,4
Progress and Review	P2, Making Space, completed individually	25%	1,2,3,4
Progress and Review	P3, Site Planning Project, completed individually	40%	1,2,3,4

Assessment and Evaluation Information

Students are expected to be in attendance for the entirety of all lectures, site visits, studio critiques and reviews.

Assignments must be submitted on time, as per the instructions for each project or portion of project regarding digital or physical submissions. Late submissions will be penalized. There may be an opportunity to remediate late assignments. Students are required to submit written explanations for any absences or late assignments, which will be considered by the instructors.

Evaluation will be based on the project assignments, completed during the term. There will be no final examination. Assessment will be done on the basis of day-to-day performance as well as on the quality of work presented at reviews. While the product of studio work is important, equally important is the student's ability to develop a practical, appropriate and coherent planning and design process. This planning and design process is developed on a class-to-class basis, and importantly, during desk critiques. Students are expected to be in attendance for the entirety of each class/studio period, and are required to attend all project and assignment reviews.

Expectations for Writing (<https://www.ucalgary.ca/pubs/calendar/current/e-2.html>):

Each component of the course must be completed, and a passing grade (i.e. minimum B-) achieved, in order to pass the course as a whole. (NOTE: students may be given an opportunity to remediate failing grades, and must satisfy expectations and due dates as per each remedial assignment.) Because the studio work is evaluated during reviews, all work must be completed on time, and all students must take part in the presentations and reviews. Late pinning up/submission of material to be presented in studio reviews is not acceptable (grades will be deducted for work pinned up or submitted later than the deadline specified in the course/project brief or as discussed in class). Work will be completed individually or in pairs. Students will receive a common grade for work done in pairs or groups, unless it is clear to the instructors the balance of work has been unfairly distributed between team members. In this case, the distribution of work and grades will be discussed with the students.

Grading Scale

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	90-94.99	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	85-89.99	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance
B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	65-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	60-64.99	
C-	1.70	1.50-1.84	55-59.99	

D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C+" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

Topic Areas & Detailed Class Schedule

The course will be organized around various topics / scales, to be addressed through three projects and skill-building exercises that increase in complexity.

Students will gain skills in site analysis and site planning, in understanding drawing conventions and graphic standards, and in producing measurable drawings and graphics that are compatible with industry practice. In addition to various types of hand drawing techniques taught in this class, students will be required to learn in EVDP 602 Computer Modeling the following computer skills and their uses as appropriate to various tasks:

- image editing software, such as Photoshop
- vector drawing software, such as Illustrator and AutoCAD
- 3D modeling software, such as SketchUp
- desk top publishing software (for reports, posters, etc), such as InDesign
- presentation software, such as PowerPoint and Keynote

The topics that we will cover and the skills that will be acquired in EVDP 625 include:

1. Project 1: Good Streets

- understanding air photos and base maps, using the Spatial and Numerical Data Services and other resources
- the qualities of "good" urban form
- built form analysis (historic evolution, mapping, visual note-taking and observation)
- using built form for precedent study
- understanding scale in drawings
- drawing / understanding plan, section, elevation, basic graphic conventions
- document layout and graphic presentation (posters)
- verbal presentation skills

2. Project 2: Making Space

- how to shape space using buildings and site elements
- planning for human scale, relating to context
- understanding sun and wind
- drawing in 3 dimensions - axonometric
- simple model-making

3. Project 3: Site Planning Project

- site planning - from analysis to concept
- site composition
- site analysis
- understanding site issues / constraints / opportunities, topography, slope
- mapping, diagramming
- the design process
- graphic and verbal presentation skills

Course Schedule Date	Topic	Assignments/Due Dates
September 9	Course Intro	Intro P1 Good Streets
September 11	Site visits	
September 16 - 18		
September 23 - 25		
September 30 – Oct 2		
October 7		Review P1
October 9		Intro P2 Making Space
October 14	No class – Thanksgiving Day	
October 16		
October 21 – 25	No classes / SAPL Block Week	
October 28		
October 30		Review P2
November 4		Intro P3 Site Planning Project
November 6		
November 11 - 15	No classes – term break	
November 18 - 20		
November 25 - 27		
December 2 - 4	Final week of classes	
December 11	SAPL final review period	Review P3

Media and Recording in Learning Environments

Part 1

University Calendar: <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>

Recording of lectures (other than audio recordings that are pre-arranged as part of an authorized accommodation) is not permitted.

Students may not record any portion of a lecture, class discussion or course-related learning activity without the prior and explicit written permission of the course instructor or authorization from Student Accessibility Services. For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed. Any use other than that described above constitutes academic misconduct and may result in suspension or expulsion.

Part 2

The instructor may use media recordings to capture the delivery of a lecture. The instructor will notify all students and guests in the class that the event is being recorded. If a student or guest wants to take steps to protect privacy, and does not want to be recorded, the instructor will provide the individual (s) with an alternative means of participating and asking questions (e.g., passing written notes with questions). Students cannot be penalized for choosing not to be recorded in situations where participation is part of the course. Students must be offered other ways of earning participation credit that do not involve recording. Any video-recording would be intended to only capture the instructor and the front of the classroom. Students/other participants would not necessarily be visible on video recordings.

Special Budgetary Requirements

Please note that all studios have a mandatory supplementary fee to cover workshop costs for use and maintenance of hand tools, assorted power tools, CNC routers, laser cutters, 3D printers, and robotics. The University has approved supplemental fees for EVDP Site Planning Studio of \$75.00.

The materials required for the course include basic drafting and drawing tools and some simple model-making materials. In addition to the normal pens, pencils, erasers, sketch books that you may already have, the following are required for this studio:

- > roll of sketch paper (12" or 18", white or yellow)
- > metric scale
- > black felt pen - fine and medium tip
- > pencils - one hard (2H), one soft (F or HB)
- > alternatively instead of pencils: leadholder and two leads, one hard (2H), one soft (F or HB), and lead sharpener
- > triangles (30/60 degree)
- > tape - masking tape or Magic tape
- > eraser
- > Exacto knife
- > cutting board (you may share this with someone else)

University of Calgary Policies and Supports

ACADEMIC ACCOMMODATION

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

ACADEMIC MISCONDUCT

Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when: (a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work, (b) parts of the work are taken from another source without reference to the original author, (c) the whole work (e.g., an essay) is copied from another source, and/or, (d) a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved. While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious academic offence. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar.

For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>

COPYRIGHT LEGISLATION:

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

UNIVERSITY STUDENT APPEALS OFFICE: If a student has a concern about the course, academic matter, or a grade that they have been assigned, they must first communicate

this concern with the instructor. If the concern cannot be resolved with the instructor, the student can proceed with an academic appeal, which normally begins with the Faculty.
<https://ucalgary.ca/student-appeals/>

More student support and resources (e.g. safety and wellness) can be found here:
<https://www.ucalgary.ca/registrar/registration/course-outlines>