

EVDP 636 Community Planning Studio

Contact Info

Community Planning Studio // EVDP 636 // 6 Units // H(0-8) // Winter 2018

Instructors:

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Course Description

The overall objective of the Community Planning Studio is to introduce students to theoretical approaches and practical applications to land use planning and development issues in urban and suburban contexts. Students will be provided opportunities to identify, discuss and address challenges related to the implementation of contemporary urban design theories and principles in each of these settings. Application of this progressive learning will be provided through the preparation of master planning drawings and documents for a land development project area. Each project will offer a step-by-step introduction to community planning processes and essential planning policies to create developments that are well designed, economically feasible, socially inclusive and environmentally responsive.

Objectives

Upon successful completion of the course you should have developed an understanding of the knowledge, skills, and technologies required to:

1. Gain experience in documenting, analyzing and understanding communities and their evolution, specifically within the regional context of Alberta and Western Canada.
2. Develop knowledge of key theoretical frameworks (approaches to urbanism, sustainability, market analysis, infrastructure, transportation etc.), concepts and principles of community planning and their application through the exploration of an approach and methodology for community planning.
3. Gain experience in using an iterative design approach as it relates to community planning; wherein conducting research, analysis and design is not treated as a linear approach.
4. Demonstrate an understanding of 2D and 3D design thinking at various scales when addressing the existing site / landform / context, urban and natural systems, infrastructure and transportation systems, land use and built form in creating a community plan.
5. Demonstrate an understanding of 2D and 3D representation techniques in the context of existing and proposed site and design features.

Teaching Approach

This is a studio-based course that will consist of lectures, field trips, studio work time, course projects and project presentations. Lectures will provide a survey of theoretical approaches to the course material, information about the regional context and technical instruction. Student work will consist of a series of projects that will gradually build towards the completion of a master plan. Much of the work will be done in a studio setting, where students will learn by doing, through input from instructors, collaboration with peers, and evaluation of assignments. It is essential that students bring project materials to scheduled studio times that demonstrate progress on their work during each scheduled class time. Project and course feedback will be provided through discussions during studio time and formal reviews. The more a student's work is presented and discussed, the more concrete feedback and clear direction will be offered by the instructors. The studio is largely self-directed, that is, you must work

EVDP 636 Community Planning Studio

individually and as teams to identify the project scope, analyze the site, determine a vision and design principles, generate and present an integrated plan. The instructional team is there to support this iterative process through teaching, feedback and discussion.

Readings will be assigned to complement the lectures. Students will be required to complete these readings prior to the related lecture. You may be questioned in class regarding these readings – please come prepared. All of the readings are available through the Taylor Digital Library, with many in the form of e-books / e-periodicals. A bibliography will be provided in the project briefs.

The Semester-Long Course Planning and Design Project will apply the knowledge gained from lectures and in-class exercises to specific site contexts. Individual phases of the course project will be discussed in class with benchmark deliverables due at the beginning of class time (2:00pm collection and/or pin-up).

Special Budgetary Considerations

Required base maps and aerial photos will be provided, or will be available from the Spatial and Numeric Data Services (SANDS) or on-line, and any additional information and associated costs will be at the discretion of the student. Students should have basic drawing tools and the software outlined below. Some costs for plotting and printing should be anticipated, per typical studio practice.

Equipment & Software Needed

For this course, you will need the drawing / drafting supplies and knowledge of the computer programs from the lists below. Please have those materials on hand and available at all times during class studio hours.

Drawing & Drafting Supplies

- Metric scales (scales ranging from 1:25 to 1:10,000 will be used)
- Rolling ruler with no-slip wheels (highly recommended by K. Fox)
- Pens, pencils and markers (black ink, different lead types)
- Colored pencils and/or markers (Prismacolor, AD or equivalent)
- Pencil sharpeners, erasers and erasing shield
- Drafting brush (clean up those big mistakes, optional)
- Drafting (or painters) tape or dots, (painters tape is more flexible)
- Rolls of trace paper: comes in 12", 18", 24", long rolls, yellow, canary or white.
- Other types of paper (vellum, bond, sketchbooks, craft etc)
- Cutting matt, metal straight edge and X-Acto knives (or equivalent)

Graphics and Computer Skills

Students should have some previous knowledge with the following:

- Image editing software, such as Photoshop
- Vector drawing software, such as Illustrator, AutoCAD / Vectorworks, Rhino etc.
- 3D modeling software, such as SketchUp, Rhino
- Desktop publishing software, such as InDesign / Adobe Acrobat
- Presentation software, such as InDesign, PowerPoint / Keynote, video players
- GIS software. Specific software and techniques will not be taught in this course, please consult the University Calendar for various GIS courses.

EVDP 636 Community Planning Studio

Course Schedule*

Date	In-Class / Lecture	Assignment / Deadlines
Jan 8	Introductions & Semester Project Overview	Begin Phase I
Jan 10	Guest Lecture by Beverly Sandalack: The Evolution of Calgary's Built Landscape	
Jan 12	Field Trip to Site 11:45am pick up @ EVDS	Student project groups named by 5:00pm
Jan 15	Lecture by John Brosz: Data, Infographics & Tools	
Jan 17	Studio work day	
Jan 19	Studio work day	
Jan 22	Lecture: A Survey of Planning (TG)	
Jan 24	Studio work day	
Jan 26	In-House Review: Research & Infographics	Phase I Review
Jan 29	Phase II Overview Lecture: Sustainability by Design (DL)	Begin Phase II Phase I Upload to D2L by 2:00pm
Jan 31	Studio work day	
Feb 2	Open Space Planning – Guest Lecture	
Feb 5	Studio work day	
Feb 7	Market Analysis – Guest Lecture	
Feb 9	Studio work day	
Feb 12	Studio work day	
Feb 14	Studio work day	
Feb 16	Review: Analysis & 3 Design Concepts	Phase II Review
Feb 19	Alberta Family Day – No Class / University Closed	
Feb 20-23	Block Week – No Class	Phase II Upload to D2L by 12:00pm on Feb. 20

EVDP 636 Community Planning Studio

Date	In-Class / Lecture	Assignment / Deadlines
Feb 26	Phase III Overview	Begin Phase III
Feb 28	Process for Developing a Community and Neighborhood Plan and McKenzie Towne Case Study (DL)	
Mar 2	Neighborhood and Subdivision Design – Guest Lecture	
Mar 5	Studio work day	
Mar 7	Transportation and Infrastructure Planning – Guest Lecture	
Mar 9	Studio work day	
Mar 12	Review of ULI Competition Entries	
Mar 14	Studio work day	
Mar 16	Studio work day	
Mar 19	Review: Mid Review Master Plan Draft & Presentation	Phase III Review
Mar 21	Phase IV Overview	Begin Phase IV
Mar 23	Growth Management (TG)	Phase III Upload to D2L by 12:00pm
Mar 26	In-House Progress Review: Numbers Day – Do Your Project Metrics Add Up?	In-House Progress Review
Mar 28	Studio work day	
Mar 30	Good Friday – No Class / University Closed	
Apr 2	Legislative Framework and the Role of Policy – Guest Lecture	
Apr 4	Studio work day	
Apr 6	Studio work day	
Apr 9	Studio Work Day / Production Crits	Final Graphics Samples Due
Apr 11	Production Crits	
Apr 13	Production Crits (last day of class)	<i>Presentation Materials Deadline?</i>
Apr 16	Final Review (exact date / times TBA) Date / Times for Exit Interviews TBA	Phase IV Review
Apr 19	Final Documentation Due	Upload to D2L by 4:30pm

* - Note: dates, lectures and guest speakers subject to change.

EVDP 636 Community Planning Studio

Means of Evaluation

EVDP 636 is a graded course. Incomplete (INC) and deferred term (DT) grades will be issued only for documented circumstances for which the student is clearly not able to complete the work due to significant illness, injury, etc. (please refer to Note #2 at the end of the syllabus). Evaluation will be based on the elements listed below. 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** (tangible progress between desk critiques is critical) and to work effectively with others as a team.

Students are expected to be in attendance for the entirety of each studio period and for all reviews. The course meets MTWF; the instructors will be present on MWF with Tuesdays serving as days for students to work without supervision. Please note that Teresa Goldstein and Doug Leighton are part-time sessional instructors and may not be available to attend all studio days.

Each component of the course valued at 25% or greater (Phase III & Phase IV) must be completed with a passing grade (i.e. minimum B-, or the 4-point or percentage equivalent) achieved, in order to pass the course as a whole. Because the studio work is evaluated during the interim and final 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 schedule, project brief or as discussed in class). For reviews / presentations, all work (printed hardcopies and digital) must be pinned up / uploaded **before** 2:00pm. It is mandatory to submit digital files (type of files specified in project briefs) of all coursework to D2L by 2:00pm (unless otherwise stated in the course schedule).

Some work will be completed individually with some completed in groups. Students will receive a common grade for work done in groups, unless it is determined by the instructional team that there has been an unfair distribution of work or unequal completion of work, in which case group members shall be evaluated individually. Attendance, teamwork and engagement are expected as a requirement for progress in the planning and design process, and is characterized by active involvement in the work and class discussions.

Preliminary Course Assignment List & Evaluation Values

Project Deliverables*	Value
Phase I: Research & Infographics	20%
<ul style="list-style-type: none"> Work assessed on individual student basis 	
Phase II: Analysis & 3 Design Concepts	20%
<ul style="list-style-type: none"> Work assessed on both individual student and group basis 	
Phase III: Mid Review Master Plan Draft & Presentation	25%
<ul style="list-style-type: none"> Work assessed on both individual student and group basis 	
Phase IV: Final Master Plan & Presentation	35%
<ul style="list-style-type: none"> Work assessed on both individual student and group basis 	
Total	100%

* Full descriptions of project deliverables available in project briefs.

EVDP 636 Community Planning Studio

A Note on Critical Review

Critical review of student work is vital to design projects. This is part of feed-back for learning purposes. Such reviews must not be misunderstood as indicators of standards and they are different from assessment or 'grading'.

Students have a responsibility to attend critical reviews at the appointed time as part of the learning process. Review panels are composed of internal and external experts for the appointed times and cannot be re-composed to consider late submissions. Consequently, late work will not receive a critical review, though it will be assessed with marks.

- **Critical Review:** May take place during the development phases of a project as well as at the time of the final submission. Its purpose is to identify strengths and weaknesses in the work and to offer suggestions to generally encourage the student. An encouraging critical review does not necessarily mean a good assessment result.
- **Assessment:** May take place at a stage in a project or on final submission (or both). Its purpose is to value the work in terms of the objectives stated in the Syllabus and project brief and to express this as a grade. Students are expected to be aware of and comply with the academic regulations set out in the University of Calgary and Faculty of Graduate Studies calendars.

Grading Scale

Final grades will be reported as letter grades, with the final grade calculated according to the 4-point range. Assignments will be evaluated by percentage grades, with their letter grade equivalents as shown.

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	

Notes: 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.

EVDP 636 Community Planning Studio

Timely Completion of Projects

Unless agreed to by the Instructor on compassionate grounds, illness, or for reasons of academic accommodation (see note 2 below), assigned work that is handed in late will be penalized 10% of the total available grade per calendar day late (this includes weekends and holidays). Assignments more than two calendar days late will not be accepted and no credit will be given for them. Assignments must be handed in or presented during scheduled class hours.

Notes:

1. Written work, term assignments and other course related work may only be submitted by e-mail if prior permission to do so has been obtained from the course instructor. Submissions must come from an official University of Calgary (ucalgary) email account.
2. Academic Accommodations. Students who require an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to their Instructor or the designated contact person in EVDS, Jennifer Taillefer (jtaillef@ucalgary.ca). Students who require an accommodation unrelated to their coursework or the requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to the Vice-Provost (Student Experience). For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/
3. Plagiarism - 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 (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test),(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. It is recognized that clause (d) does not prevent a graduate student incorporating work previously done by him or her in a thesis. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar.
4. Information regarding the Freedom of Information and Protection of Privacy Act (<http://www.ucalgary.ca/secretariat/privacy>) and how this impacts the receipt and delivery of course material
5. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
6. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
7. Contact Info for: Student Union (<https://www.su.ucalgary.ca/contact/>); Graduate Student representative(<http://www.ucalgary.ca/gsa/>) and Student Ombudsman's Office (<http://www.ucalgary.ca/ombuds/>).