

# EVDP 636 Community Planning Studio

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## Contact Info

Community Planning Studio // EVDP 636 // 6 Units // H(0-8) // Winter 2020

### Instructors:

Kris Fox

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PF 3181, hours by appointment

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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

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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. A combination of both individual and group work will be required for the studio. Students are expected to participate evenly in all group assignments.

**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).

## **Standard Course Budgetary Considerations**

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

## **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 Rhino, SketchUp etc
- Desktop publishing software, such as InDesign / Adobe Acrobat
- Presentation software, such as InDesign, PowerPoint / Keynote, video players
- Software for mapping and infographics: GIS software, Excel (etc)

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## Course Schedule\*

Date	In-Class / Lecture	Assignment / Deadlines	Teaching
Jan 13	Introductions & Semester Project Overview Field trip logistics	<b>Begin Phase I</b>	KF/ TG/ DL
Jan 15	Lecture: A Survey of Planning (TG) / Studio work day		KF/ TG
Jan 17	Guest Lecture by John Brosz: Data, Infographics & Tools Lecture: Infographics for Designers I & II (KF)		KF
Jan 20	Field Trip to Site (guests to be announced)	Student project groups named by 5:00pm	KF/ TG/ DL
Jan 22	Guest Lecture by Beverly Sandalack: The Evolution of Calgary's Built Landscape / Studio work day		KF/ DL
<b>Jan 24</b>	<b>In-House Review: Research &amp; Infographics</b> Tropical attire / Taylor Digital Library room 466B	<b>Phase I Review</b>	<b>KF/ TG/ DL</b>
Jan 27	<b>Phase II Overview</b> Contemporary Approaches to Urban Design (KF) Studio work day	<b>Begin Phase II</b> <b>Phase I Upload to D2L</b> <b>by 2:00pm</b>	KF
Jan 29	Lecture: Sustainability by Design (DL) Studio work day		KF/ DL
Feb 3	Guest Lecture and desk crits by Douglas Olson: Open Space Planning and Geo-design		KF
Feb 5	Studio work day		KF/ TG/ DL
Feb 7	Studio work day		KF
Feb 10	Studio work day		KF
<b>Feb 12</b>	<b>Review: Analysis &amp; 3 Design Concepts</b>	<b>Phase II Review</b>	<b>KF/ TG/ DL</b>
Feb 17	Alberta Family Day – No Class / University Closed		
Feb 16-22	Term Break – No Class	<b>Phase II Upload to D2L by</b> <b>12:00pm on Feb. 18</b>	

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Date	In-Class / Lecture	Assignment / Deadlines	Teaching
Feb 24	<b>Phase III / IV Overview</b> Process for Developing a Community and Neighborhood Plan / Design Led Planning (DL)	<b>Begin Phase III</b>	KF/ DL
Feb 26	Guest Lecture: Neighborhood and Subdivision Design – Francisco Alaniz Uribe / Studio work day		KF
Mar 2	ULI Pecha Kucha / Studio work day		KF/ DL
Mar 4	Planning Guest Lecture Forum – guest lineup TBA		KF
Mar 6	Planning Guest Lecture Forum – ALT date		KF/ TG/ DL
Mar 9-13	SAPL Block Week / No Classes		
Mar 16	Studio work day		KF/ DL
Mar 18	Legislative Framework and the Role of Policy – (TG) Studio work day (KF @ Conference Mar 17-22)		TG/ DL
Mar 23	Studio Work Day		KF
<b>Mar 25</b>	<b>Review: Mid Review Master Plan Draft &amp; Presentation</b>	<b>Phase III Review</b>	<b>KF/ TG/ DL</b>
Mar 30	<b>Phase IV</b> Studio Work Day	<b>Begin Phase IV</b> <b>Phase III Upload to D2L by 12:00pm</b>	KF/ TG/ DL
<b>Apr 1</b>	<b>In-House Progress Review: Numbers Day – Do Your Project Metrics Add Up?</b>	<b>In-House Progress Review</b>	KF/ TG
Apr 6	Studio Work Day		KF/ DL
Apr 8	Studio Work Day / Production Crits		KF/ TG/ DL
Apr 10	Good Friday / No Class		
Apr 13	Easter Monday / No Class		
Apr 15	Studio Work Day / Production Crits (last day of class)		KF/ TG/ DL
<b>Apr 20</b>	<b>Booklet to be sent to panel of critics</b>	<b>Upload by 8:00am</b>	
<b>Apr 22</b>	<b>Final Review; 1:00-6:00pm</b>	<b>Phase IV Review</b>	<b>KF/ TG/ DL</b>
<b>Apr 23</b>	<b>Exit Interviews – times TBA</b> <b>Final Documentation Due</b>	<b>Upload to D2L &amp; printed material April 24 by 4:30pm</b>	<b>KF/ TG/ DL</b>

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

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## 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 is scheduled for all MTuWF; the instructors will be present on scheduled MWF (as indicated in the course schedule) 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 will not be available to attend all studio days. *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.*

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 submission of material to be presented in studio reviews is not acceptable (grades will be deducted for work 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 of all coursework to D2L by 2:00pm on the dates specified 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. Work planning and distribution for group work is the responsibility of the students. Students should be aware that they may be required to demonstrate what components they have contributed to in group work assignments should this be requested.

## Preliminary Course Assignment List & Evaluation Values

Project Phases*	Value
Phase I: Research & Infographics	20%
<ul style="list-style-type: none"> <li>• <i>Work assessed on individual student basis</i></li> </ul>	
Phase II: Analysis & 3 Design Concepts	20% total
<ul style="list-style-type: none"> <li>• <i>Work assessed on group basis</i></li> <li>• <i>Work assessed on individual basis</i></li> </ul>	<ul style="list-style-type: none"> <li>• 10%</li> <li>• 10%</li> </ul>
Phase III: Mid Review Master Plan Draft & Presentation	25% total
<ul style="list-style-type: none"> <li>• <i>Work assessed on group basis</i></li> <li>• <i>Work assessed on individual basis</i></li> </ul>	<ul style="list-style-type: none"> <li>• 20%</li> <li>• 5%</li> </ul>
Phase IV: Final Master Plan & Presentation	35% total
<ul style="list-style-type: none"> <li>• <i>Work assessed on group basis</i></li> <li>• <i>Work assessed on individual basis</i></li> </ul>	<ul style="list-style-type: none"> <li>• 20%</li> <li>• 15%</li> </ul>
Total	100%

\* Full descriptions of project deliverables available in project briefs.

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## 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.

## 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.

A student who feels that a piece of graded term work (term paper, essay, test, etc.) has been unfairly graded may have the paper re-graded. The student shall discuss the work with the instructor within fifteen days of being notified about the mark or of the item's return to the class. More information can be found in the Graduate Calendar: <http://www.ucalgary.ca/pubs/calendar/grad/current/gs-o.html>

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## 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.

## 2019/2020 Supplementary Course Fees

Mandatory supplementary fees are approved by the University prior to implementation. The University has approved a \$150 supplemental fees for the Community Planning Studio (EVDP 636). Special budgetary requirements are limited to the optional purchase of course readings and, in specific courses, mandatory supplementary fees to cover certain expenditures, such as field trips. This fee covers workshop costs for use and maintenance of hand tools, assorted power tools, CNC routers, laser cutters, 3D printers, and robotics. Please contact Jennifer Taillefer / the SAPL main office with any questions regarding this fee.

## Media and Recording in Learning Environments

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

**Part 1:** 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 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.

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## 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/](http://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](http://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>