

Environmental **DESIGN**

architecture + landscape architecture + planning

University of Calgary / Faculty of Environmental Design

Regional Planning Studio

EVDS 640 F (0-8)

M/T/W/F 2:00pm – 6:10pm, PF 4140

Fall 2018

Mary-Ellen Tyler PhD, CSLA(Hon)

tyler@ucalgary.ca 403.804.9252

PF 2105, hours by appointment

Introduction

An overview of the role of regional planning and specific institutional frameworks used for regional planning and related policy and planning tools will be reviewed in the context of specific issues affecting metropolitan areas at a regional scale and in an inter-municipal, inter-jurisdictional, or transboundary context. Such regional 'issues' include growth management, infrastructure and services, transportation, strategic planning, and environmental management. Specifically, what are the on-the-ground implications of growth management? What are the driving forces behind land use development patterns and pressures? What happens at the edges and the interfaces of urban and rural land uses? Are there preferred spatial forms and patterns for regional development and if so what criteria are they based on?

Objectives

1. To develop an understanding of the reason for regional planning.
2. To develop an understanding of the issues associated with metropolitan growth management at a regional scale.
3. To develop an awareness of form-based codes and their opportunities and constraints in a regional policy and planning context.
4. To demonstrate appropriate graphic and analytical skills necessary to identify and communicate regional planning issues.

Teaching Approach

Studio instruction will involve a mixture of lecture, field trip, thematic readings, and Assignments related to understanding regional growth management issues and spatial land use design A comparative approach to understanding regional planning will involve looking at the experiences of Salt Lake City, Utah and Portland, Oregon in the context of the future Calgary Metropolitan Region.

Content

The studio is organized around regional growth management issues addressed through specific assignments that incorporate issue analysis and spatial and physical design synthesis. Students will be expected to apply basic literature review skills, data gathering and management skills, basic spatial analysis skills, and graphic representation and communication skills (including familiarity with Google Earth Pro) in conducting studio work as outlined in the weekly studio schedule below:

PLEASE NOTE: This Schedule is subject to change due to unexpected and uncontrollable events or through class discussion and agreement. Specific studio exercise descriptions and requirements will be provided as they appear in the weekly scheduled below.

1. September 7, 2018 – FIRST STUDIO CLASS

- Review of Course Outline and Critical Dates during the Term
- Date for Calgary Regional Field Trip
- Date for Final Studio Review
- **What is regional planning? + Why Portland?**

2. Week 2: September 10-14

- Sept. 10 – **Portland Field Trip Agenda and Week 3 assignments for those participating in and not participating in Portland Field Trip**
- Sept. 11 – Free Studio work time for reading (see D2L)
- Sept 12 – **Governance vs Government**
- Sept. 14 – Free Studio work time – Reading and Portland Trip Preparation or Travel

3. Week 3: September 17-21 Portland Field Trip

- Free studio work time for assignments if not participating in Field Trip

4. Week 4: September 24-28

- Sept. 24 – **What's in the MMGA? Municipal Authority and Inter-Municipal Agreements**
- Sept. 25 – Free Studio work time
- Sept. 26 – **Presentation and Discussion of Week 3 Assignments**
- Sept. 28 – Free Studio work time

5. Week 5: October 1-5 – BEGIN POLICY ANALYSIS EXERCISE

- Oct. 1 – **Issue Identification and Policy Analysis - Portland Vision 2040**
- Oct. 2 – Free Studio work time
- Oct. 3 – **Regional City and Growth Management FIELD TRIP**
- Oct. 5 – Free Studio work time

6. Week 6: October 8-12

- **Oct. 8 – Thanksgiving Holiday – U of C Closed**
- Oct. 9 – Free Studio work time
- **Oct. 10 – Peter Calthorpe Visit and Guest Lecture**
- Oct. 12 – **The Problem of Scale – SSRP, GTA, and GVRD**

7. Week 7: October 15-19 – EVDS BLOCK WEEK – No Classes

8. Week 8: October 22-26

- Oct. 22 – **Tutorials**
- Oct. 23 – Free Studio work time
- Oct. 24 – **Policy Analysis Exercise Presentations**
- Oct. 26 – Free Studio work time

9. Week 9: October 29-November 2 – BEGIN FORM-BASED CODES EXERCISE

- Oct.29 – **What are Form-Based Codes?**
- Oct.30 – Free Studio work time
- Oct. 31 – **Regional Applications**
- Nov. 2 – Free Studio work time

10. Week 10: November 5-9

- Nov. 5 – **Tutorials**
- Nov. 6 – Free Studio work time
- Nov. 7 – **Form-Based Codes Exercise Presentations**
- Nov. 9 – Free Studio work time

11. Week 11: November 12-16 – U OF C MID-TERM BREAK – No Classes

12. Week 12: November 19-23 – BEGIN STRATEGIC PLANNING EXERCISE

- Nov. 19 – **REGIONAL SYNTHESIS** – What Issues? What Spatial Patterns?
- Nov. 20 – Free Studio work time
- Nov. 21 – **Calgary Regional Growth Management SWOT**
- Nov. 23 – Free Studio work time

13. Week 13: November

- Nov. 26 - **Calgary Metropolitan Vision 2040**
- Nov. 27 - Free Studio work time
- Nov. 28 - **Tutorials**
- Nov. 30 – **Tutorials**

14. Week 14: December 3-7

- Dec. 3 – Free Studio work time
- Dec. 4 – **Draft Presentations**
- Dec. 5 - **Tutorials**
- **Dec. 7 – LAST DAY OF CLASS**
 - Free Studio work time

➤ **FINAL STUDIO PRESENTATIONS* – Monday, December 10, 2:00-5:00pm**

* PLEASE NOTE: All Planning Studios have final studio presentations scheduled for the week following the last day of classes - Dec. 10-13, 2018

* PLEASE NOTE: ALL Students registered in EVDS 640 are required to participate in the Final Studio Presentation on December 10 in order to receive a grade in the course. DO NOT MAKE ANY PERSONAL, WORK OR TRAVEL ARRANGEMENTS THAT PREVENT YOU FROM BEING AVAILABLE ON DECEMBER 10 AS REQUIRED.

Means of Evaluation

Evaluation will be based on the completion and presentation of the assigned exercises. Grading will be based on the quality of work presented including demonstrated evidence of a clear and coherent planning and design process developed in studio for each project. Students are expected to be available for and in attendance at each scheduled studio class and are required to attend all exercise presentations as identified in the weekly schedule. Failure to do so for other than medical or compassionate (death of an immediate family member) or accommodation reasons will result in the assignment of a lower grade.

Each of the assignments must be complete and receive a passing grade (B minus) in order to pass the studio 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.) Late pin-up or presentation or submission of completed exercises is not acceptable and will receive a failing grade. Project work will be completed individually or in small groups of two. Students will receive a common grade for work done with others, unless it is clear to the Instructor that there is a problem in the quality or quantity of individual contribution in which case, the Instructor will assign individual grades.

Project 1: Issues Identification and Policy Analysis	25%
Project 2: Form-based Code and Regional Scale	35%
Project 3: Metropolitan Growth Management	40%
TOTAL	100%

Faculty of Environmental Design Grading

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.

Readings

There is no required textbook but required and suggested readings will be posted by the Instructor on D2L during the term.

Special Budgetary Requirements

A course fee of \$90 has been approved for this Studio to cover transportation costs for a Calgary Metropolitan Region field trip.

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 fulfill 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. **Appeals:** 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:
<http://www.ucalgary.ca/provost/students/ombuds/appeals>
5. Information regarding the Freedom of Information and Protection of Privacy Act
(<https://www.ucalgary.ca/legalservices/foip>)
6. **Emergency Evacuation/Assembly Points**
(<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
7. **Safewalk information** (<http://www.ucalgary.ca/security/safewalk>)
8. **Contact Info** for: Student Union (<https://www.su.ucalgary.ca/contact/>); Graduate Student representative(<https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/>) Student Union Wellness Centre: <https://www.ucalgary.ca/wellnesscentre/>; Library Resources: <http://library.ucalgary.ca/> and Student Ombudsman's Office (<http://www.ucalgary.ca/ombuds/>).