

Course Outline

GEOG 4771: Sustainable Communities

Web-based

September 3-December 3, 2024

FDE 2024

Course Objectives and scope

This geography course studies the practice of building sustainable communities in North America. Fundamental concepts of sustainability, urban sustainability, planning and place-making at community and city scales will be examined from Canadian perspectives. The tools, measurement and evaluation approaches toward building sustainable communities are discussed and case studies evaluated. Although the course introduces the conceptual and methodological aspects of contemporary planning and design of sustainable communities, current research on sustainability of human activities and environmental sustainability are examined to learn about sustainable community applications in Canadian jurisdictions.

Required Text:

Roseland, Mark. (2012). *Toward Sustainable Communities: Solutions for Citizens and their Governments, 4th Edition*. Gabriola Island: New Society Publishers.

ISBN: 13: 978-0-86571-7114 (paperback)

Recommended Text:

Mazmanian, Daniel and Michael Kraft. (1999). *Toward Sustainable Communities: Transition and Transformation in Environmental Policy*. London: Massachusetts Institute of Technology Press.

ISBN: 0-262-63194-6 (paperback)

Evaluation:

Assessment of student performance will be as follows:

- Class Participation- Class Exercise (10%)
- Midterm Exam- 30%
- Final Exam- 30%
- Term Paper (Case Study)– 30% (Due: December 3, 2024 via D2L)

Guidelines on the term paper (Case Study): 'My Sustainable Community' will be posted via D2L for the course. This is a case study of current applications in building sustainable communities in Ontario and/or alternative Canadian Province. The **mid-**

term exam for lectures will be written on October 11, 2024. The final exam will be written during the final examination period, the date for which will be announced in due course by the Office of the Registrar. Exams are not cumulative and the scope in terms of readings and chapters for these exams will be announced in class.

Schedule of Lectures/Readings:

(Topic titles are based on 4th edition of Text, 2012).

Topic/Important Date/Reminder

Part 1: Introduction- Sustainable Communities, Sustainable Planet

Week 1	Introduction and Fundamentals Course Orientation Term Paper: 'My Sustainable Community'	First Day of Class Course outlines and guidelines on Case Study
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The Context of Sustainable Communities
Read Chapter 1, Roseland, 2012

Conceptual and Analytical Challenges
Read Chapter 2, Mazmanian and Kraft, 1999

Week 2	Sustainable Community Development Read: Chapter 2, Roseland, 2012
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Week 3	Making Community Policy Read: Chapter 3, Roseland, 2012
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Part 2: Sustainable Community Building Blocks

Week 4	Cultivating Greener, Food-Secure Communities Greening the City Read: Chapter 4, Roseland, 2012
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Week 5	Water and Sewage Read: Chapters 5, Roseland, 2012
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Week 6	Waste Reduction and Recycling Read: Chapter 6, Roseland, 2012
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Mid-term, via D2L October 11, 2024

Week 7	Energy Efficiency and Renewables Read: Chapter 7, Roseland, 2012
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Week 8	Transportation Planning & Traffic Management Read: Chapter 8, Roseland, 2012
Week 9	Land Use, Urban Form & Community Design Read: Chapter 9, Roseland, 2012 Sustainability in a Regional Context Read: Chapter 8, Mazmanian and Kraft, 1999
Week 10	Housing and Community Development Read: Chapter 10, Roseland, 2012 Green Building Read: Chapter 11, Roseland, 2012
Week 11	Community (Local) Economic Development Read: Chapter 12, Roseland, 2012 Climate Change Read: Chapter 13, Roseland 2012
Week 12	Communities Integrating Sustainability Read: Chapter 14, Roseland 2012
Part 3:	Mobilizing Citizens and their Governments
Week 13	Governing Sustainable Communities Read: Chapter 15, Roseland 2012 Tools for Community Sustainability Read: Chapter 16, Roseland, 2012 Lessons and Challenges Read: Chapter 18, Roseland, 2012 Final Exam during exam week (TBA) by the Registrar's Office
Reminder:	Deadline for Term Paper: 'My Sustainable Community' Due: December 3, 2024 via D2L Last day of classes officially ends on Dec 3, 2024.

Student Responsibilities:

1. Students are encouraged to regularly check and read lecture notes posted in the course webpage via D2L
2. All students are advised to familiarize themselves with the policies on academic dishonesty such as plagiarism and cheating.
3. Students are strongly encouraged to contact the Instructor during office hours, by e-mail or by telephone, and/or by appointment, if they have questions and problems with the course requirements, lectures and student evaluation.
4. Any late assignments are subject to penalty of 1% per day. No extension will be allowed for the term paper due on December 3, 2024 as there are due dates for marks.