

Principles of Urban Design

EVLU 4018

Department of City Planning

Faculty of Architecture, University of Manitoba

Fall 2014



Seaside, FL



Los Angeles, CA

Instructor: Orly Linovski

Office: Russell 317

E-mail: orly.linovski@umanitoba.ca

Phone: 474-6429

Office hours: Wed 11:30 - 12, or by appointment

Class Time and Location: Wednesdays, 8:30 – 11:20 am (ARCH II, Room 116)

1. Calendar Description

This course will examine urban design principles, practices, and applications including political and social systems, and their impacts on the contemporary urban condition.

2. Course Description

This course reviews urban design principles, methods, and techniques within the context of the contemporary North American urban condition. Urban design is approached as an inter-disciplinary practice and is explored around its morphological, perceptual, functional, visual, social, temporal, and procedural dimensions.

3. Course Objectives and Learning Outcomes

- a) Knowledge of the fundamentals of urban design, including its theoretical principles, methods, and techniques.

- b) An understanding of the economic, legislative, and societal issues that affect the evolution of urban form.
- c) Planning and design skills at both strategic and detailed scales of intervention.
- d) Critical analysis, writing and presentation skills

4. Course Attendance

Classes are scheduled for Wednesdays, from 8:30 – 11:20 am, in ARCH II, 116. This time will be used for the delivery of lectures and workshops on course material. Students are required to be present at all classes. Absence from more than two (2) sessions will be flagged for discussion with the instructor and may result in debarment from classes and examinations, in accordance with the University of Manitoba General Academic Regulations and Requirements.

A sign-in sheet may be used. University of Manitoba General Academic Regulations and Policy allow debarment from classes and examinations for persistent non-attendance. Students must attend all lectures, laboratories and studios in accordance with the sections assigned on the University of Manitoba Website. Students who attend the wrong section or course will receive a grade F or F/NP. Students must also attend and participate in all final studio reviews.

Regular attendance is expected of all students in all courses. The ED Program Chair may initiate, at the request of an instructor, procedures to bar a student from attending classes, studios and final examinations, and/or from receiving credit where unexcused absences exceed 20 per cent of the scheduled classes. Students so barred will have failed the course.

5. Late Policy

Students must speak to the Instructor and provide a medical note to the General Office for the student’s file. Requests for deferrals are to be submitted to the General Office, 201 Russell Building, for circulation to the Course Instructor.

Unexcused late submissions will be marked under the following penalty system:

Work not received on the assigned due date will have its grade reduced by one letter grade (i.e. from B+ to B).

Work not received within 5 days of the due date will receive a failing (F) grade.

6. Assignments

| | Issued | Due | % of Course Grade |
|---|---------------|---------------------------------------|--------------------------|
| Reading Responses (Best 9/12) | n/a | 8:30 am, weekly | 20% |
| Assignment 1 | Sept 24 | (Full Draft) Oct 15 (Final) Oct 22 | 25% |

| | | | |
|---|--------|-----------|-----|
| Assignment 2 (written) | Oct 15 | Dec 3 | 35% |
| Assignment 2 (presentation) | Oct 15 | Nov 19/26 | 15% |
| Participation (incl. peer review) | n/a | n/a | 5% |

The evaluation of assignments will be based on criteria identified in individual assignment briefs as well as on the following general criteria:

- Demonstration of an understanding of the subject matter with respect to the course objectives.
- Ability to synthesize and integrate subject matter.
- Depth, clarity, and quality of submissions, including graphic and written presentation.

All assignments will be marked according to the Faculty grading schedule:

Weighting for Final Grades

| Grade | G.P.A. | Range | | |
|-------|--------|-------------|--------|--------------|
| A+ | 4.5 | 4.26 – 4.50 | 90-100 | Exceptional |
| A | 4 | 3.76 – 4.25 | 80-89 | Excellent |
| B+ | 3.5 | 3.26 – 3.75 | 75-79 | Very Good |
| B | 3 | 2.76 – 3.25 | 70-74 | Good |
| C+ | 2.5 | 2.26 – 2.75 | 65-69 | Satisfactory |
| C | 2 | 1.90 - 2.25 | 60-64 | Adequate |
| D | 1 | 1.00 – 1.89 | 50-59 | Failure |
| F | 0 | | 0-49 | Failure |

C is a failure for graduate students, but passing for undergraduate students

D is a failure for undergraduate students in this faculty.

7. Reading Responses

The brief (250-400 words) reading responses are intended to inspire critical thinking about the required texts and allow for productive discussion during class time. Some weeks you will be asked to respond to a specific question and other weeks will be self-directed. You may discuss limitations or strengths of the author's approach, questions you feel are raised by the readings or reflect on the implications for your future practice. These weekly assignments should **NOT** be summaries, nor should they rely extensively on quotations. Outside references are not required, but if used must be cited correctly. Responses will not be accepted after 9:30 am. Please note the word count at the end of your text.

8. Documentation of Sources

Sources for all data or illustrations must be properly credited. All Internet material must come from recognized organizations.

Please refer to A Manual for Writers of Term Papers, Theses, and Dissertations (Turabian, Kate L. 5th ed. Edited by Bonnie Birtwistle Honigsblum. Chicago: University of Chicago Press. 1987) for the appropriate documentation style.

A guide to proper citation formatting is also available at:
http://www.chicagomanualofstyle.org/tools_citationguide.html

9. Schedule and Required Readings

| Week | Date | Topic | Notes |
|------|---------|--|--|
| 1 | Sept 10 | Introduction and Framework | |
| 2 | Sept 17 | Experiential Approaches | |
| 3 | Sept 24 | Functional Approaches | - Assignment 1 issued |
| 4 | Oct 1 | Greenhouse Gases and Urban Form Guest Lecture: Maged Senbel (UBC) | - Design research skills |
| 5 | Oct 8 | Legislative Framework | |
| 6 | Oct 15 | Political-Economic Context | - Assignment 1 peer review - Assignment 2 issued |
| 7 | Oct 22 | Development and Value Creation | - Assignment 1 due - Assignment 2 project selection |
| 8 | Oct 29 | - Development Control, Pt. 1: Regulation and Form-Based Codes - Development Control, Pt. 2: Policy and Alternatives | - ACSP → class cancelled? |
| 9 | Nov 5 | Regulating Aesthetics | |
| 10 | Nov 12 | Processes: Competitions and Charrettes | - Presentation skills |
| 11 | Nov 19 | Presentations | - Last day for Voluntary Withdrawal |
| 12 | Nov 26 | Presentations | |
| 13 | Dec 3 | - Informality - Critique and Reflection | - Assignment 2 due |

Week 1: Introduction and Framework

- Appleyard, D. (1982). *Towards an Urban Design Manifesto*. Berkeley, CA, Institute of Urban and Regional Development. Working Paper 384.
- Inam, A. (2002). "Meaningful Urban Design: Teleological/ Catalytic/ Relevant." Journal of Urban Design 7(1): 35 - 38.

Week 2: Experiential Approaches

- Cullen, G. (1961). The Concise Townscape. London, Van Nostrand Reinhold [Introduction]
- Lynch, K. (1960). The Image of the City. Cambridge, MA, MIT Press. [excerpt]
- Relph, E. (1976), 'On the Identity of Places', in Carmona, M., & Tiesdell, S. (Eds.). (2007). *Urban Design Reader*. Routledge.
- Taylor, N. (1999). "The elements of townscape and the art of urban design." Journal of Urban Design 4(2): 195-209.

OPTIONAL: [one example of how Lynch has been applied in research methods]

- Banai, R. (1999). A methodology for The Image of the City. *Environment and Planning B*, 26, 133-144.

Week 3: Functional Approaches

- Gutman, R. (2010). Site Planning and Social Behavior. Architecture from the Outside In. D. Cuff and J. Wriedt. New York, Princeton Architectural Press: 186-201.
- Lang, J. (1994). "Functionalism Redefined" in Urban Design: The American Experience. New York: John Wiley & Sons.
- Newman, O. (1972). Defensible Space: Crime Prevention through Urban Design. New York, Macmillan.

Week 4: Greenhouse Gases and Urban Form [Guest Lecture: Maged Senbel]

Readings: TBD

Week 5: Legislative Framework

- Fischler, R. (1998). "The Metropolitan Dimension of Early Zoning: Revisiting the 1916 New York City Ordinance." Journal of the American Planning Association, 64(2): 170-188
- Kayden, J. S. (2011). "The Law of Urban Design." In Banerjee, T. and A. Loukaitou-Sideris, eds. Companion to Urban Design. New York, Routledge, 175-185.
- Lai, R. T. (1988). Law in Urban Design and Planning: The Invisible Web. New York, Van Nostrand Reinhold, Ch. 9

Week 6: The Political-Economic Context

- Adams, D., & Tiesdell, S. (2010). Planners as Market Actors: Rethinking State-Market Relations in Land and Property. *Planning Theory & Practice*, 11(2), 187-207.
- Charney, I. (2007). The politics of design: architecture, tall buildings and the skyline of central London. *Area*, 39(2), 195-205.
- Crilley, D. (1993). Megastructures and urban change: Aesthetics, ideology and design. In P. Knox (Ed.), *The Restless Urban Landscape*. Englewood Cliffs: Prentice Hall.
- Harvey, D. (1994). The invisible political economy of architectural production. In O. Bouman & R. van Toorn (Eds.), *The Invisible in Architecture* (pp. 420-427). London: Academy Editions.
- Knox, P. and L. Schweitzer (2010). "Design determinism, post-meltdown: Urban planners and the search for policy relevance." *Housing Policy Debate* 20(2): 317-327.

Week 7: Development and Value-Creation

- Gospodini, A. (2002). "European Cities in Competition and the New 'Uses' of Urban Design." *Journal of Urban Design* 7(1): 59-73.
- Hack, G. and L. B. Sagalyn (2011). Value Creation Through Urban Design. *Urban Design in the Real Estate Development Process*, Wiley-Blackwell: 258-281.
- Fainstein, S. S. (2001). *The City Builders: Property development in London and New York, 1980 - 2000*. Lawrence, University Press of Kansas. [Chapters 8, 9, 10]
- Tiesdell, S. and D. Adams (2011). Real Estate Development, Urban Design and the Tools Approach to Public Policy. *Urban Design in the Real Estate Development Process*, Wiley-Blackwell: 1-33.

Week 8: Development Controls, Part I: Regulation and Form-Based Codes

- Barnett, Jonathan. "Zoning, Mapping, and Urban Renewal As Urban Design Techniques," and "Designing Cities Without Designing Buildings." In *An Introduction to Urban Design*. New York, NY: Harper and Row, 1982, pp. 57- 97.
- Baer, W. C. (1997) "Toward Design of Regulations for the Built Environment." *Environment and Planning B: Planning and Design*. 24: 37-57.
- Kumar, S. (2002). Canadian urban design practice: a review of urban design regulations. *Canadian Journal of Urban Research*, 11(2), 239 - 263.
- Marantz, N. J. and E. Ben-Joseph (2011). The Business of Codes: Urban Design Regulation in an Entrepreneurial Society. *Urban Design in the Real Estate Development Process*, Wiley-Blackwell: 114-136.
- Talen, E. (2009). "Design by the rules: The historical underpinnings of form-based codes." *Journal of the American Planning Association* 75(2): 144-160.

Development Controls, Part 2: Policy and Alternatives

- Garde, A. (2008) "Innovations in Urban Design and Urban Form: The Making of Paradigms and the Implications for Public Policy." *Journal of Planning Education and Research* 28 (2008): 61-72.
- Lightner, B. C. (1992). "Design review: A critical evaluation." *Cities*, 9(4), 280-287.
- Punter, J. (2007). "Developing Urban Design as Public Policy: Best Practice Principles for Design Review and Development Management". *Journal of Urban Design*, 12(2), 167-202.
- Schuster, J.M. (2005) "Substituting Information for Regulation: In Search of an Alternative

Approach to Shaping Urban Design" in *Regulating Place: Standards and the Shaping of Urban America*. 333-358

Week 9: Regulating Aesthetics

- Duncan, J. S. and N. G. Duncan (2001). "The Aestheticization of the Politics of Landscape Preservation." Annals of the Association of American Geographers 91(2): 387-409.
- Mattila, H. (2002). "Aesthetic Justice and Urban Planning: Who Ought to Have the Right to Design Cities?." GeoJournal 58(2): 131-138.
- Rubin, B. (1979). "Aesthetic Ideology and Urban Design." Annals of the Association of American Geographers 69(3): 339-361.

Week 10: Processes: Design Competitions and Charrettes

- Czerniak, J., Ed. (2001). CASE: Downsview Park, Toronto. Munich, Prestel Verlag, [Excerpt]
- Hack, G. and M. Canto (1984). "Collaboration and context in urban design." Design Studies 5(3): 178-184.
- Lehrer, U. (2011) "Urban Design Competitions" in Banerjee, T., & Loukaitou-Sideris, A. (Eds.). *Companion to Urban Design*. New York: Routledge.
- Kelbaugh, D. (2011) "The Design Charrette" in Banerjee, T., & Loukaitou-Sideris, A. (Eds.). *Companion to Urban Design*. New York: Routledge.

Week 11/12: Presentations

Week 13: Informality

- Crawford, M. (2008), "Introduction," "Preface: The Current State of Everyday Urbanism," and "Blurring the Boundaries: Public Space and Private Life," in John L. Chase, Margaret Crawford, and John Kaliski (Eds.), *Everyday Urbanism*, New York: Monacelli Press, 6-15, 22-35.
- Evans-Cowley, Jennifer and Jack L. Nasar (2004), "Amarillo Yard Art: Resident Responses to Yard Signs and Their Regulation," *Journal of American Planning Association*, 70(1): 67-80.
- Mukhija, V. (2011). "Urban design for a planet of informal cities" in Banerjee, T., & Loukaitou-Sideris, A. (Eds.) *Companion to Urban Design*. Taylor & Francis, 574-584

Critique and Reflection

- Cuthbert, A. (2007). "Urban Design: Requiem for an Era - Review and Critique of the Last 50 Years." Urban Design International 12: 127 - 233.
- Gandy, M. (2005). "Learning from Lagos." New Left Review 33(May/June): 36 - 52.
- Sorkin, M. (2006). "The End(s) of Urban Design." Harvard Design Magazine 25: 5 - 18.

University Policies

Voluntary Withdrawal

Fall Term – Nov 19, 2014

Students should refer to the General Calendar for the procedures involved. Students are advised to seek an appointment with the course instructor to discuss their individual performance in the course prior to the withdrawal date if they are concerned or are considering withdrawal.

Incomplete Status

Students are reminded that it is their responsibility to initiate an application for Incomplete Status in the course. Approval of an incomplete grade classification is not automatic and will depend on the assessment of the circumstances by the Course Instructor. Work must be handed in on due dates regardless of the state of completion in order to be considered for Incomplete Status. An incomplete grade will not be assigned except for medical reasons or for compassionate grounds at the discretion of the Course Instructor. An Incomplete Grade form must be submitted by the instructor with the grade register or the incomplete will not be recorded.

ROASS (Responsibilities of Academic Staff with Regard to Students)

Students should refer to the current General Calendar for The University of Manitoba Policy on the Responsibilities of Academic Staff with Regard to Students, Sexual Harassment Policy and responsibility of the Office of Student Advocacy.

Regulations on Appeals

Term Work Appeals

Students may formally appeal a grade received for term work provided that the matter has been discussed with the instructor or Department Head in the first instance in an attempt to resolve the issue, without the need of formal appeal. Term work grades normally may be appealed up to ten working days after the grades for the term work have been made available to the student.

Students may obtain the form “Application for Appealing a Grade Given for Term Work” from the general office.

Final Grade Appeals

Final grades may be appealed up to 21 days after final grades have been released. Grade Appeal forms are available from the Registrar’s Office. Again, every effort must be made to discuss the matter with the instructor in an attempt to resolve the issue before resorting to the appeal process.

For both the Appeal for Term Work and Final Grade Appeals, there is a charge per appeal, which is refundable if the grade is raised. No grade may be lowered as a result of filing an appeal.

Rules and Regulations

Students are encouraged to seek out the Course Instructor if they feel in any way uncomfortable with the class procedures or if they feel that they need additional feedback on their progress or on issues like course content, procedures or any other aspect of the course work.

All assignments must credit the sources of all materials (visual, verbal and written) that are not the student's own and a style guide must be given (i.e. an appropriate style guide for references and bibliography would be Turabian, Kate. L. Student's Guide for Writing College Papers, Current Edition, Chicago: University of Chicago Press, current edition). All illustrations, tables and diagrams should have captions that identify what they are and explain what relevance they have to the text.

All students must conduct themselves according to the essential standards of academic integrity. They should refer to the current General Calendar for the University's General Academic Regulations and Policy governing, inter alia, Attendance, plagiarism and cheating, Debarment, Incompletes, deferred Examinations, Appeals Probation and Academic Suspension, Voluntary Withdrawal from Programs and Courses, and Hold Status.

It is strongly advised that students keep copies of course outlines provided by Instructors. Course Calendar descriptions of outlines are available on the Web and the Registrar's office can provide official copies at a fee. If students request the extended version of outlines from the Faculty, they will be charged \$25.00 per course outline.

Plagiarism and Cheating

The University of Manitoba General Calendar states that Plagiarism or any other form of cheating in examinations, term tests or academic work is subject to serious academic penalty (e.g. suspension or expulsion from the faculty or university). Cheating in examinations or tests may take the form of copying from another student or bringing unauthorized materials into the exam room (e.g. crib notes, pagers or cell phones). Exam cheating can also include exam impersonation. (Please see General Academic Regulations and Requirements of the University of Manitoba General Calendar on Exam Personation). A student found guilty of contributing to cheating in examinations or term assignments is also subject to serious academic penalty.

To plagiarize is to take ideas or words of another person and pass them off as one's own. In short, it is stealing something intangible rather than an object. Plagiarism applies to any written work, in traditional or electronic format, design studio and graphic communication work, as well as orally or verbally presented work. Obviously, it is not necessary to state the source of well-known or easily verifiable facts, but students are expected to appropriately acknowledge the sources of ideas and expressions they use in their written work, whether quoted directly or paraphrased. This applies to diagrams, statistical tables and the like, as well as to written material, and materials or information from Internet sources.

To provide adequate and correct documentation is not only an indication of academic honesty but is also a courtesy, which enables the reader to consult these sources with ease. Failure to provide appropriate citations constitutes plagiarism. It will also be considered plagiarism and/or cheating if a student submits a term paper written in whole or in part by someone other than him/herself, or copies the answer or answers of another student in any test, examination, or take-home assignment.

Working with other students on assignments, laboratory work, take-home tests, or on-line tests, when this is not permitted by the instructor, can constitute Inappropriate Collaboration and may be subject to penalty under the Student Discipline By-Law.

An assignment which is prepared and submitted for one course must not be used for a different course. This is called “duplicate submission” and represents a form of cheating because course requirements are expected to be fulfilled through original work for each course.

When in doubt about any practice, ask your professor or instructor.

The Student Advocacy Office, 519 University Centre, 474-7423, is a valuable resource available to students dealing with Academic Integrity matters.

In addition, the University of Manitoba Academic Learning Centre (<http://umanitoba.ca/student/u1/lac/>) has handouts and workshops available on research, writing essays, and on referencing, citing, and paraphrasing.

Vandalism

Vandalism to personal and University property, including library materials, is punishable under the University Student Discipline Bylaw and the Criminal Code. Students are reminded that punishment can include expulsion from the University.