

Environmental **DESIGN**

architecture + landscape architecture + planning

History of Architecture and Human Settlements I: Premodern Traditions of the World University of Calgary / Faculty of Environmental Design

EVDA 523.01, ARST 457.01 H(3-0)

Fall 2018 - Tuesday and Thursday 09:00am - PF 2160

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Introduction

First of two courses that comprise a survey history of architecture and human settlement from the prehistoric times until the present. This first course addresses the premodern traditions of the major world cultures. It will examine the changes in world view that have altered the course of architecture through the study of selected works of architecture and urbanism. This history course emphasizes program, site, precedent, and form as design decisions predicated on the characteristics of natural and social environments. It will look at architectural production through time considering social, cultural and economic contexts and analyzing aspects such as ways of life, meaning of art and architecture, architectural form, spatiality and volume, technology and construction materials.

Objectives – Course Learning Outcomes

- To develop knowledge of the history and significance of built environments in different eras and places in the world, in relation to cultural values and practices.
- To learn the basic characteristics and examples that define some of the major architectural traditions of the world.
- To develop and refine skills in research; critical thinking, reading and discussion; synthesis of ideas; visual analysis; and oral and written communication.

Teaching Approach

The course is divided into themes relevant to the architectural production over time but also maintaining a chronological sequence. The themes will be presented through lectures (by the instructor or guest speakers) and class discussions. Assigned readings are an integral part of the course and should be completed prior to each of the classes. Written papers further develop on the topics as well as integrate the course evaluation.

Content: Topic Areas, Detailed Class Schedule and Readings

- Readings will be available on D2L or online with links in the syllabus and D2L
- You may wish to purchase an architectural history survey textbook to help navigate this course, but it is optional.
- Readings should be done by the time of the lecture on the day they are listed below

Week 1

Thurs. Sept. 06: Introduction

Week 2

Tues. Sept. 11: Caves and Stones

Readings

- On the Daedalus myth, <http://www.pantheon.org/articles/d/daedalus.html>.
- Vitruvius, *The Ten Books on Architecture*, (Book I, Preface and Chapters I-III; and Book II, Chapter I). Available at: <http://www.perseus.tufts.edu/cgi-bin/ptext?doc=Perseus%3Atext%3A1999.02.0073&query=doctitle%3D%231> or at <http://penelope.uchicago.edu/Thayer/E/Roman/Texts/Vitruvius/home.html>

Thurs. Sept. 13: Shelter/Culture (Discussion)

Reading

- Nabokov and Easton, *Native American Architecture*, 11-50
- Dora Crouch and June Johnson, *Traditions in Architecture* (Oxford, 2001), 29-33

Week 3

Tues. Sept. 18: City: Elements

Reading

- Spiro Kostof, *The City Shaped*, 9-16 and 29-41
- Michael E. Smith, "The Earliest Cities" in George Gmelch and Walter P. Zenner, eds., *Urban Life: Readings in the Anthropology of the City* (4th Edition; Prospect Heights, IL: Waveland, 2002), 3-19.

Thurs. Sept. 20: System Building

Reading

- Vitruvius, *The Ten Books on Architecture*, Book IV, Intro and Chapters I-V (links above)
- Spiro Kostof, *A History of Architecture: Settings and Rituals*, 120-132

Week 4

Tues. Sept. 25: City: Ritual

Reading

- Vitruvius, *The Ten Books on Architecture*, Book I, Chaps. IV, V, VII (links above).
- Moffat, Fazio, and Wodehouse, *A World History of Architecture*, 60-65

Thurs. Sept. 27: Building Type

Reading

- Vitruvius, *The Ten Books on Architecture*, Book VI, Chaps. I-V (links above).

Week 5

Tues. Oct. 2: Adaptation: Early Christian and Muslim Architecture

Reading

- Procopius and Paul the Silentiary, excerpts from their writings on the Hagia Sofia:

<http://www.fordham.edu/halsall/source/paulsilent-hagsoph1.asp>

- Roger Stalley, *Early Medieval Architecture*, p. 17-35.
- Dell Upton, "Starting from Baalbek: Noah, Solomon, Saladin, and the Fluidity of Architectural History," *Journal of the Society of Architectural Historians* 68:4 (December 2009), 457-465.

Thurs. Oct. 4: Construction – **Full draft of paper 1 due in D2L by 11:59pm**

Reading

- Caroline K. Quenemoen, "Columns and Concrete: Architecture from Nero to Hadrian," in Roger B. Ulrich and Caroline K. Quenemoen, eds., *Companion to Roman Architecture* (Oxford: Wiley, 2013), 63-81.

Week 6

Tues. Oct. 9: PEER REVIEW SESSION FOR PAPER 1

Reading

- Other students' drafts of Paper 2, as assigned

Thurs. Oct. 11: Pilgrimage and Place: Architecture of Religions (GUEST: Hasan Lalji)

Reading

- Robert Hillenbrand, "The Mosque in the Medieval Islamic World," in Sherban Cantacuzino, ed., *Architecture in Continuity*. (New York: Aperture, 1985), 33-51.
- Dora Crouch and June Johnson, *Traditions in Architecture* (Oxford, 2001), 5-24.

—OCTOBER 16 AND 18 —NO CLASSES DUE TO BLOCK WEEK—

Week 7

Tues. Oct. 23: Program and Intention (Discussion). **PAPER 1 DUE IN CLASS**

Reading

- Abbot Suger, excerpts from *De Consecratione* and *De Administratione* (On What was Done During his Administration) — Available at: <http://www.fordham.edu/halsall/source/sugar.html>.
- Moffat, Fazio, and Wodehouse, *A World History of Architecture*, 229-236.

Thurs. Oct. 25: Single-family Dwellings

Reading

- Dora Crouch and June Johnson, *Traditions in Architecture* (Oxford, 2001), 58-75.

Week 8

Tues. Oct. 30: Everyday Life

Reading

- Neal Stephenson, *Quicksilver* (NY: William Morrow, 2003), "Plague Year: Daniel in London," 101-111; "Leipzig," 418-421; and "Jack Enters Paris," 489-493.
- Joseph and Frances Gies, *Life in a Medieval City* (NY: Thomas Y Crowell, 1969), 23-33 and 46-52.
- Charles Benn, *Daily Life in Traditional China: The Tang Dynasty* (Westport, CT: Greenwood, 2001), 44-58.

Thurs. Nov. 1: Urban Landscapes of the Americas (GUEST)

Reading

- Richard Ingersoll and Spiro Kostof, *World Architecture*, 183-190 and 408-422

Week 9

Tues. Nov. 6: Monument (Discussion)

- Otto von Simson, *The Gothic Cathedral*, sections of Chapters 6 & 7 to be determined in class

Thurs. Nov. 8: Chinese & Japanese Architecture (Guest: DAVID DOWN).

PAPER 2 DUE IN CLASS

Reading

- Liang Ssu-Ch'eng, Chinese Architecture, 8-10, 14-21
- Moffat, Fazio, and Wodehouse, A World History of Architecture, 99-109

—NOVEMBER 13 AND 15 —NO CLASSES DUE TO MID TERM BREAK—

Week 10

Tues. Nov. 20: Renaissance (Discussion)

Reading

- selections of Alberti's On Painting and On Building from Lefaivre and Tzonis, eds. The Emergence of Modern Architecture: A Documentary History from 1000 to 1810 (London: Routledge, 2004).
- selections of Filarete's "Treatise" from H.F. Mallgrave, Architectural Theory (Oxford: Blackwell, 2006), 36-43.
- Vasari's biography of Brunelleschi, at <https://sourcebooks.fordham.edu/basis/vasari/vasari5.htm>

Thurs. Nov. 22: Renaissance

Reading

- Rudolph Wittkower, Architectural Principles in the Age of Humanism (1949; Chichester, UK: Academy, 1998), 15-29.
- James Ackerman, "Architectural Practice in the Italian Renaissance" (1954), in his Distance Points (Cambridge: MIT, 1991), 361-384.

Week 11

Tues. Nov. 27: the Rise of the Architect - **Full draft of Paper 3 due in D2L by 11:59pm**

Reading

- Gülru Necipoğlu, "Challenging the Past: Sinan and the Competitive Discourse of Early Modern Islamic Architecture," Muqarnas 10 (1993), 169-180.

Thurs. Nov. 29: PEER REVIEW SESSION FOR PAPER 4

Reading

- Other students' drafts of Paper 2, as assigned

Week 12

Tues. Dec. 04: Enlightenment (Discussion)

Reading

- Selections from Edmund Burke, The Sublime and the Beautiful (1757), available at: <http://www.bartleby.com/24/2>
Part III, Section 4, "Proportion not the Cause of Beauty..."
Part I, Section 7, "Of the Sublime"
Part II, Sections 8-16, "Vastness" through "Light in Building"
- Selections of Laugier (p. 333-339), Boullée (470-475), Durand (479-487), and Ledoux (488-495) from Lefaivre and Tzonis, eds. The Emergence of Modern Architecture.

Thurs. Dec. 06: Enlightenment
Multi-family Dwellings

PAPER 3 DUE IN CLASS

Reading

- Barry Bergdoll, European Architecture, 1750-1890 (Oxford, 2000), 73-102.

Means of Evaluation

The course evaluation will be based on the assignments completed during the term, which includes written papers, participation in class, discussions and peer review process. There will be no final examination.

There will be three written papers, all of which must be completed in order to pass this course. Participation grade is based on engagement in large and small group discussions in class, and in group work when assigned, as well as the completion of short in-class assignments, including the peer review process for two of the papers. Although attendance is not taken daily, absent students cannot participate in the above in-class activities, and this will be noted.

Grading will be considered as follows:

Participation: 25%

Three written papers: 25% each

Note: all three papers must be completed in order to pass this course.

Final versions of the papers are to be handed in during class of the date the assignment is due.

Grades will be reduced for each day the assignment is late. Drafts will be shared through D2L when required for peer review.

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.

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. 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/>).