

Architecture 143

Winter 2022

School of Architecture

S Y L L A B U S

Architecture 143

Cultural History II
The Ancient World and the Foundations of Europe.

Professor: Robert Jan van Pelt Office: 2022
Teaching Assistant: Angus Dunn
Giulia Kiernan

Place and Time: Weeks 1 – 4

Tuesday: Online, 2:00 – 5:00 pm
Wednesday: Online, 2:00 – 5:00 pm

Weeks 5 – 13

Tuesday: Main Lecture Theatre, 2:00 – 5:00 pm
Wednesday: Main Lecture Theatre, 2:00 – 5:00 pm

Books to be purchased:

Myths from Mesopotamia: Creation, The Flood, Gilgamesh, and Others, trans. Stephanie Dalley ed. (Oxford Paperbacks). ISBN: 978 0199538362

The Tale of Sinuhe, R.B. Parkinson trans. (Oxford Paperbacks). ISBN: 978 0199555268

Homer, *The Odyssey*, Robert Fagles trans (Penguin). ISBN: 978-0140268867

Aeschylus, *The Complete Aeschylus, vol. I: Oresteia*, Peter Burian and Alan Shapiro trans. (Oxford). ISBN: 978-0195135923

Plato, *The Last Days of Socrates*, Christopher Rowe trans. (Penguin). ISBN: 978-0140455496

Confucius, *The First Ten Books*, D.C. Lau trans. (Penguin). ISBN: 978-0141023809

Virgil, *Aeneid*, trans. Robert Fagles (Penguin). ISBN: 978-0140455380

Saint Augustine, *Confessions of a Sinner* (Penguin) ISBN: 978-0141018836

St. Benedict, *The Rule of Benedict* (Penguin). ISBN: 978-0241251720

Beowulf, Seamus Heaney trans. (Norton) ISBN 978-0393320978

Richard Wagamese, *Medicine Walk* (Emblem). ISBN 978-0771089213

Week I

Prehistory

January 5: Introduction

Week II

The Mythic Age (1): The Fertile Crescent and the Beginnings of Civilization.

Readings: *Myths from Mesopotamia, Creation, The Flood, Gilgamesh, and Others*, “The Epic of Gilgamesh, standard version” (pp. 39-135) and “The Epic of Creation” (pp. 228-277).

January 11 The Origins of Permanent Human Settlement and the First Cities

January 12 Gilgamesh and the Making of Man

Week III

The Mythic Age (2): Egypt.

Readings: *The Tale of Sinuhe and Other Ancient Egyptian Poems*, “The Tale of Sinuhe” and “The Tale of the Eloquent Peasant” (pp. 21-88). “The Dialogue of a Man and his Soul” (pp. 151-165), “The Teaching of King Merikare” and “The ‘Loyalist’ Teaching” (pp. 212-245).

January 18 On the Origins of Architecture

January 19 Order Here, Chaos There

Week IV

The Axial Age (1): Israel, Juda, Babylonia and Persia

Readings: *The Bible*, Genesis 1-4, 6-9, 12-23, 37-46; Exodus 1-12, 19-20, 25-27; Deuteronomy 12; 1 Kings 5-8; 2 Kings 18, 22-24; 2 Chronicles 29-32.

January 25 The Political History of the Hebrew Bible.

January 26 The Prophets.

<i>Week V</i>	The Axial Age (2): Greece, part 1
	Readings: Homer, <i>The Odyssey</i> ;
February 1	First hand-in journal entries using the DropBox feature on Learn (25% of mark). Winning, World-wise, Self-possessed
February 2	On Greek Classical Architecture
<i>Week VI</i>	The Axial Age (3): Greece, part 2
	Readings: Aeschylus, <i>The Oresteia</i> .
February 8	The Political Animal
February 9	On the Greek City
<i>Week VII</i>	The Axial Age (4): Greece, part 3
	Reading: Plato, <i>The Last Days of Socrates</i> .
February 15	Socrates: A Paradigmatic Individual
February 16	Man as God.
<i>Week VIII</i>	Reading Week
<i>Week IX</i>	The Axial Age (4): India and China
	Readings: Selected sayings by the Buddha (to be provided as pdf); Confucius, <i>The First Ten Books</i> ; Lao Tzu, <i>Tao Te Ching</i>
March 1	The Buddha and Confucius: Two Paradigmatic Individuals
March 2	The Authority of the Past and the Paradox of Eternity
<i>Week X</i>	The Post-Axial Age (1): Rome, part 1
	Readings: Virgil, <i>Aeneid</i>
March 8	Second hand-in journal entries using the DropBox feature on Learn (25% of mark). The Matter of Rome
March 9	On Piety in the Roman Manner

<i>Week XI</i>	The Post-Axial Age (2): Rome, part 2
Readings:	Some selected texts by Cicero (to be provided as pdf).
March 15	On the Laws of Nature
March 16	Under the Roof of the Heavens
<i>Week XII</i>	The Post-Axial Age (3): Jesus Movement and Christ Cult
Readings:	<i>The Bible</i> , tbd; Augustine, <i>The Confessions of a Sinner</i>
March 22	The Kingdom of God
March 23	Original Sin and a Complicated Life
<i>Week XIII</i>	The Formation of the West
Readings:	St. Benedict, <i>The Rule of Benedict</i> ; <i>Beowulf</i>
March 29	The “Barbarians”
March 30	Christendom
<i>Week XIV</i>	Closer Home
Readings:	Wagamese, <i>Medicine Walk</i>
April 5	Third hand-in journal entries using the DropBox feature on Learn (25% of mark). North America

On Architectural History

This course also aims, in addition to providing a grounding in the world of antiquity, also a first overview of the history of architecture of the West—that is the tradition that is the primary context of contemporary architecture in North America, the tradition to which you will most likely make a contribution in the future. At the end of your first year in architecture school, you should have the beginning of an architectural-historical literacy, which is a pre-condition for you to both understand and participate in architectural culture. Architectural-historical literacy includes a basic understanding of the major architectural styles, typologies, and symbols, major architects, and key stories that shape architectural history as a story. As Arch 143 covers the period from the beginning of civilization up to the year 800 CE, you will have to show familiarity with major buildings constructed in that era.

In each of the three journal submissions to be submitted (see section on Assessment) you will have to demonstrate your understanding of a piece of architectural history as discussed in this course. You will have to do this by producing a drawing that includes six buildings or architectural ensembles discussed in the preceding weeks drawn at the same scale in an isometric projection. Ideally, these buildings will come from different cultures or periods. All these buildings will be discussed in class.

	Type	Place	Name	Date
<i>Caves and Primitive Huts</i>				
01	Hut	Terra Amata	n/a	380000 BCE
02	Cave	Lascaux	n/a	17000
03	Hut	Mezhyrich	Bone Hut	15000
04	Settlement	Banpo	n/a	5000 BCE
<i>Fertile Crescent 1: Origins</i>				
05	Sanctuary	Göbekli Tepe	n/a	11000
06	Fortification	Jericho	n/a	7500
07	Settlement	Catalhöyük	n/a	7000
08	Desert Kites	Jordan	n/a	7000
09	Settlement	Hassuna	n/a	5700
<i>Fertile Crescent 2: Mesopotamia</i>				
10	Sanctuary	Eridu	Temple of Enki	5000 - 3500
11	Sanctuary	Uruk	White Temple	3400
12	Sanctuary	Khafaje	Oval Temple	2650
13	Palace	Mari	P. of Zimrilin	2250
14	Ziggurat	Ur	Z. of Ur-Namm	2015 - 550
15	City Map	Nippur	n/a	1500
16	Sanctuary	Sippar	Temple of Shamash	850
17	Palace	Khorsabad	P. of Sargon II	705
18	Ziggurat	New Babylon	Entemenanki	570
19	Fortification	New Babylon	Ishtar Gate	575
<i>Fertile Crescent 3: Egypt</i>				
20	Funerary Complex	Saqqara	Djoser's Tomb	2650
21	Pyramid	Gizeh	Pyramid of Khufu	2570
22	Mortuary Temple	Deir el-Bahri	T. of Mentuhotep	2010
23	Mortuary Temple	Deir-el-Bahri	T. of Hatshepsut	1480
24	Sanctuary	Luxor/Thebes	T. of Amon-Ra	1400-1250
25	Sanctuary	Akhentaton	Temple of Aton	1340

26	Sanctuary	El-Karnak/Thebes	Great T. of Amon	1400-1290
27	Sanctuary	Philae	Temple of Isis	370
28	Sanctuary	Edfu	Temple of Horus	237

European Neolithic cultures

29	Sanctuary	Carnac	Megaliths	4000-2500
30	Sanctuary	Malta	Hagar Qim	3600-2500
31	Sanctuary	Wiltshire	Stonehenge	3000-2000

Minoan Civilization

32	Palace	Knossos (Crete)	n/a	2000–1400
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Indus Civilization

33	Settlement	Mohenjo-Daro	n/a	2500
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Early China

34	Palace	Erlitou	reconstruction	2000
35	Palace	Yinxu	reconstruction	1200
36	Ruler's City	anywhere	wangcheng	700
37	Tomb	Xi'an	Shi Huangdi's tomb	210
38	Fortification	North China	Great Wall	200-1368 CE
39	Funerary models	China	models	100
40	House	China	Siheyuan	n/a

Trojan and Mycenaean Civilization

41	City	Hissarlik (Troy)	n/a	3000-1250
42	Palace	Mycenae	n/a	1600-1200
43	Palace	Tiryns	n/a	1400-1200
44*	Palace	Pylos	Nestor's Palace	1400

Israel / Juda

45	Sanctuary	Jerusalem	Temple of Solomon	950
46	Sanctuary	no location	Tabernacle of Moses	700
47	Sanctuary	future	Temple of Ezekiel	500
48	Sanctuary	Jerusalem	Temple of Herod	0 CE

Early India

49	Memorial	Sanchi	Great Stupa	250
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Early Mesoamerican Cultures

50	Sanctuary	Monte Albán	Platforms & courts	500-200
51	City	Teotihuacán	n/a	100-100 CE
52	Pyramid	Teotihuacán	Sun Pyramid	100 CE

Classical Greek and Hellenistic Civilization

53	Sanctuary	Samos	n/a	650
54	Sanctuary	Olympia	Temple of Hera	600
55	Ensemble	Delphi		600 - 300
56	Sanctuary	Paestum	Temple of Hera 1	550
57	Sanctuary	Ephesus	T. of Artemis II	550
58	Acropolis	Athens	n/a	550 – 300
59	Agora	Athens	n/a	550 - 100
60	Theatre	Athens	T. of Dionysios	550 – 350
61	Temple	Paestum	Temple of Athena	500
62	Sanctuary	Aegina	T. of Aphaia	500
63	Sanctuary	Olympia	T. of Zeus	470
64	City	Miletus	n/a	470
65	Stoa	Athens	Paintes Stoa	470
66	Sanctuary	Bassae	T. of Apollo	450
67	Sanctuary	Athens	T. of Hephaistos	449
68	Sanctuary	Athens	Parthenon	447
69	Sanctuary	Agrigento	T. of Concordia	440
70	Gate	Athens	Propylaea	437
71	Sanctuary	Athens	Erechtheion	420
72	Sanctuary	Athens	T. of Athena Nike	420
73	City	Priene	n/a	350
74	Tomb	Halicarnassus	T. of K. Mausolos	350
75	Theatre	Epidauros	n/a	340
76	Monument	Athens	M. of Lysicrates	335
77	Sanctuary	Ephesus	T. of Artemis III	323
78	Sanctuary	Lindos	T. of Athena	250
79	Altar	Pergamon	(now in Berlin)	160
80	Stoa	Athens	Stoa of Attalos	159

Persian Civilization

81	Palace	Persepolis		500
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Roman Civilization

82	Sewer	Rome (For. Rom.)	Cloaca Maxima	600
83	Capitol	Rome		600-100CE
84	Forum	Rome	Forum, Romanum	600-300CE
85	Sanctuary	Rome (Cap.)	Temple of Jupiter	500

86	Sanctuary	Rome	T. of Fortuna Virilis	120
87	House	Pompeii	House of the Faun	100
88	Archive	Rome (Cap.)	Tabularium	78
89	Basilica	Rome (For. Rom.)	Basilica Julia	46
90	Forum	Rome	Forum of Augustus	40-2
91	Altar	Rome	Ara Pacis	9
92	Sanctuary	Nîmes,	Maison Carrée	4 CE
93	Theatre	Orange	n/a	10
94	Aqueduct	Gardon River	Pont du Gard	50
95	Forum	Pompeii	n/a	62
96	Amphitheatre	Rome	Colosseum	72
97	Triumphal Arch	Rome (For. Rom.)	Arch of Titus	82
98	City	Timgad	n/a	100
99	Market	Rome	Market of Trajan	110
100	Sanctuary	Rome	Pantheon	125
101	Library	Ephesus	L. of Celsus	115
102	Villa	Tivoli	Hadrian's Villa	125
103	Baths	Rome	B. of Caracalla	215
104	Baths	Rome	B. of Diocletian	298
105	Basilica	Rome (For. Rom.)	B. of Maxentius	312
106	Triumphal Arch	Rome (For. Rom.)	A. of Constantine	315

Early Christian Civilization

107	Church	Rome	S. Peter's	326
108	Baptistery	Rome	Lateran B.	315
109	Church & Tomb	Jerusalem	Holy Sepulchre	326
110	Mausoleum	Ravenna	M. of Galla Placida	430
111	Baptistery	Ravenna	Orthodox Baptistry	430
112	Church	Rome	S. Maria Maggiore	432
113	Church	Ravenna	S. Vitale	526
114	Church	Istanbul	Hagia Sophia	537

Merovingian and Frankish Civilization

116	Baptistery	Poitiers	n/a	510
117	Chapel	Aachen	Charlemagne's C.	800
118	Abbey	anywhere	Plan of St Gall	800

Early Muslim Civilization

119	Shrine	Jerusalem	Dome of the Rock	690
120	Mosque	Damascus	Great Mosque	715

Tang China

121	City	Chang'an	n/a	580
	<i>Japan</i>			
122	Sanctuary	Ise	n/a	792-today
	<i>Southeast Asia</i>			
123	Shrine	Magelang	Burubudur	800
124	City	Angkor	n/a	800-1200
	<i>Mesoamerican cultures</i>			
125	Pyramid	Chichén Itzá	El Castillo P.	890

Assessment

Given that it's almost impossible to replicate the conditions of in-person class tests and exams for this course which begins on line, and which might return on line at short notice, you will be asked to keep a course / life journal over the term. Typically, you should produce around 500 words of journal entries each week. The entries should be written in complete sentences that contain at least a subject and a predicate, and not be written in point form. The purpose of the journal is to record experiences, observations, and ideas. This journal should be distilled from

1. your class notes
2. notes on your readings in this course
3. notes on your other experiences as an architecture student
4. notes on what is happening around you, both close by, and in the wider world.
5. The drawing with isometric representations of buildings listed above (see section On Architectural History).

You will have to submit your journal at three occasions during the term, and each time we'll review and grade it. Each of these two grades will count for 1/3 of your term mark.

Remote Course Delivery Platforms & Communication

The course will use two platforms: LEARN will be used for communication, work submission, and grade recording and release. Microsoft Teams will be used for lectures.

Course Time Zone

All dates and times communicated in this document or in subsequent communications are expressed in Eastern Time (Local time in Waterloo Ontario, Canada). From September 8

– October 24 2020 times are indicated in Eastern Daylight Time (EDT, UTC—4:00) and from October 25 – December 31 2020, times are indicated in Eastern Standard Time (EST, UTC—5:00)

And Further

Fair Contingencies for Emergency Remote Teaching.

We are facing unusual and challenging times. The course outline presents the instructor's intentions for course assessments, their weights, and due dates in Winter 2022. As best as possible, we will keep to the specified assessments, weights, and dates. To provide contingency for unforeseen circumstances, the instructor reserves the right to modify course topics and/or assessments and/or weight and/or deadlines with due and fair notice to students. In the event of such challenges, the instructor will work with the Department/Faculty to find reasonable and fair solutions that respect rights and workloads of students, staff, and faculty.

Winter 2022 COVID-19 Special Statement

Given the continuously evolving situation around COVID-19, students are to refer to the University of Waterloo's developing information resource page (<https://uwaterloo.ca/coronavirus/>) for up-to-date information on academic updates, health services, important dates, co-op, accommodation rules and other university level responses to COVID-19.

Student Notice of Recording

The course's official Notice of Recording document is found on the course's LEARN site. This document outlines shared responsibilities for instructors and students around issues of privacy and security. Each student is responsible for reviewing this document.

All live lectures, seminars and presentations including questions and answers will be recorded and made available through LEARN. Students wishing not to be captured in the recordings have the option of participating through the direct chat or question and answer functions in the meeting platforms used.

Late Work

Assignments that are handed in late will receive an initial penalty of 5% on the first calendar day late and a 5% penalty per calendar day thereafter. After 5 calendar days, the assignment will receive a 0%.

Only in the case of a justified medical or personal reason will these penalties be waived, and only if these have been officially submitted to the Undergraduate Student Services Co-Ordinator and accepted by the Undergraduate Office.

Students seeking accommodations due to COVID-19, are to follow Covid-19-related accommodations as outlined by the university here: (<https://uwaterloo.ca/coronavirus/academic-information/accommodations>).

Mental Health Support

We encourage you to seek out mental health supports when they are needed. Please reach out to Campus Wellness (<https://uwaterloo.ca/campus-wellness/>) and Counselling Services (<https://uwaterloo.ca/campus-wellness/counselling-services>).

We understand that these circumstances can be troubling, and you may need to speak with someone for emotional support. Good2Talk (<https://good2talk.ca/>) is a post-secondary student helpline based in Ontario, Canada that is available to all students.

Equity, Diversity and Inclusion Commitment

At the School of Architecture, we are committed to foster and support equity, diversity and inclusion. We recognize however, that discrimination does occur, sometimes through an isolated act of discrimination, but also through practices and policies that must be rewritten. If you ever experience discrimination and need to report on instances of micro-aggressions and other forms of racism, sexism, discrimination against LGBTQ2S+, or disability, please note that there are different pathways to report these instances:

A) if you feel comfortable bringing this up directly with the Faculty or person who has said or done something offensive, we invite you, or a friend, to speak directly with this person.

B) If you do not wish to bring this up with this person directly, you are invited to reach out to the undergraduate office (Donna Woolcott or Maya Przybylski). If you contact any of these people in confidence, they are bound to preserve your anonymity and will be able to follow up on the report. Alternatively, you may always reach out to director Anne Bordeleau directly, and she will protect your identity and follow up on the report.

C) Finally, you may also choose to report centrally to the Equity Office. The Equity Office can be reached by emailing equity@uwaterloo.ca. More information on the functions and services of the equity office can be found here: <https://uwaterloo.ca/human-rights-equity-inclusion/about/equity-office>.

Academic integrity, grievance, discipline, appeals and note for students with disabilities

Academic integrity: In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect and responsibility. [Check the Office of Academic Integrity for more information.]

Grievance: A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read Policy 70, Student Petitions and Grievances, Section 4. When in doubt, please be certain to contact the department's administrative assistant who will provide further assistance.

Discipline: A student is expected to know what constitutes academic integrity to avoid committing an academic offence, and to take responsibility for his/her actions. [Check the Office of Academic Integrity for more information.] A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about "rules" for group work/collaboration should seek guidance from the course instructor, academic advisor, or the undergraduate associate dean. For information on categories of offences and types of penalties, students should refer

to Policy 71, Student Discipline. For typical penalties, check Guidelines for the Assessment of Penalties.

Appeals: A decision made or penalty imposed under Policy 70, Student Petitions and Grievances (other than a petition) or Policy 71, Student Discipline may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to Policy 72, Student Appeals.

Note for students with disabilities:

AccessAbility Services, located in Needles Hall, Room 1401, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with AccessAbility Services at the beginning of each academic term.