

Clemson University. Landscape Architecture. Spring 2022

LARC 1160 (3 credits)

History of Landscape Architecture

Meets in 3-Lee Hall

M-W-F, 11:15-12:05 & Zoom Online

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Course Description

History of design on the land from prehistory to the present. Overview of the interface of aesthetics, science, technology, and natural features that influence cultures in shaping places.

Course Overview

History of Landscape Architecture is a survey of historical development of outdoor space in relation to allied arts, from early beginnings to this century.

Although the profession of Landscape Architecture was not named until 1858, with the award-winning design of Central Park by Olmsted and Vaux, the art of design on the land has been practiced since the beginning of time. It is the creation of human environments, inevitably expressing the perception of relationship between humans and nature.

As in the case with most design disciplines, the design of outdoor spaces reveals a culture's beliefs, values, and aspirations. If one studies design in different cultures and times, one can learn a great deal about society. One can also begin to see history holistically, to understand trends, to relate yesterday to today, and to question the present and future. Specifically, in this course, we will explore the history of outdoor

spatial designs, with emphasis upon what these designs reveal about cultural attitudes towards human societies, nature, art...etc. The course addresses early landscapes across the globe as well as landscapes of western civilizations.

LARC 1160 is an open enrollment course that invites undergraduate students from landscape architecture as well as from other disciplines across Clemson University campus. LARC 1160 meets Clemson University's *Global Challenges* and *Arts and Humanities (non-literature)* general education requirements. As such, the course intends to foster students' critical thinking and knowledge in addressing global challenges and attaining environmentally sustainable growth. The course also aims to broaden students' critical thinking and understanding of the role of humanities and fine arts in shaping the landscape over time.

Global Challenge

There are many factors that impact efforts to achieve environmental balance and landscape sustainability. These factors include rapid urbanization, population growth, desire for better quality of life, need for food security, and desire to maximize economic benefits of industrialization. Landscape sustainability refers to landscape development that meets the need of the present without compromising the ability of future generations to meet their future needs. Scientific and technological advancements have been amongst the most impactful factors on our landscape. Since the ancient time, they played a critical role in shaping the land. While scientific and technological advancements are a critical contributor assisting landscape and society to achieve sustainable growth, some of these advancements have a negative impact on the land. This course addresses the global challenge of employing technological advancements for the betterment of society and landscape while minimizing the potentially damaging effects to our environment on a global scale. In other words, how do we maintain balance and ensure that landscape is being healthily sustained for future generations.

Course Objectives and Learning Outcomes

- Gain an understanding of the significant contribution of different periods of history to landscape architecture.
- Develop an increased awareness of landscape architecture as an art and science and of the built environment as a product of cultural values.
- Develop an appreciation of the complexity of relationships between culture, natural environment, religion, art, architecture, and urban development, and their impact on the landscape and built environment.
- Demonstrate critical thinking through analysis of the role technological advancements play in affecting landscape sustainability.

- Evaluate how varying perspectives influence global challenges as it pertains to the effects of technological advancements on landscape sustainability.

Course Philosophy

History of Landscape Architecture is a comprehensive course that investigates aspects of human-made and human-influenced environments at diverse design scale that ranges from private garden to public landscapes and urban fabrics. A primary goal of this course is to provide a visual vocabulary of landscape history that may serve as a record of proven, feasible, and attractive landscape architectural design quality. This course integrates the major historical developments in landscape architecture within the context of time including social, cultural, philosophical, and political factors.

Textbooks

The following books are the main ones that will be used this semester:

The Landscape of Man by Jellicoe, Geoffrey and Susan

Design on the Land by Norman Newton

Landscape in History by Pregill and Volkman

The following books are great additional resources and highly recommended:

Architecture and landscape by Clemens Steenbergen and Wouter Reh

History of Garden Design by Clifford, Derek

Space & Time in Landscape Architectural History by Mann, William A.

A History of Garden Art, by Gotheim

The History of Gardens, by Christopher Thacker

Gardens of Paradise, by Brooks

The Islamic Garden, by Elizabeth MacDougall and Richard Ettinghausen

Encyclopedia of gardens; history and design by Candice Shoemaker

Persian garden and garden pavilions by Donald Wilber

Assigned External Reading

The Devil in the White City by Erik Larson

Assignments on the external parallel reading are particularly designed to meet Clemson University's *Global Challenges* general education requirement. *The Devil in the White City* focuses on the planning, design and construction and disassembling of the World Columbian Fair in Chicago in 1893. As such, this reading is selected to complement LARC 1160 course material by focusing on one of the most important events in history of American landscape architecture, urban design, and planning.

Signature Assignment

Homework and signature assignment address global challenges and as such will be assigned on the external reading *The Devil in the White City*. Students will read the book throughout the semester and submit three homework modules and a final culminating reflective paper. Students are responsible for the material covered in homework and will be examined on it.

Course Examinations

Students will be informed of exam and quiz format and date prior to the exam date. Students are responsible for everything covered in class. There is **NO MAKE UP** for missed examinations unless a student must attend an authorized University activity in accordance with Clemson policy. In such case, the student must notify the instructor prior to the exam to make necessary arrangements. Accommodations will also be considered for Days of Special Concerns and personal emergencies only when they are brought to the attention of the instructor prior to examination time and necessary arrangements are in place.

Exams and quizzes will be taken during regular class periods via Canvas. Students are required to download university available software known as Respondus. You will only be able to access exams if you have Respondus downloaded on your laptop. Please use this link to download the software. If you have Rospondus on your computer already you might want to check that you have the latest version. Please consult with CCIT website to check on the latest version of Respondus. If you have any trouble downloading Respondus, please contact CCIT immediately for help. Please remember you will not be able to take the first quiz without that software. In the case of online modality, AI will be used for proctoring exams and quizzes. Your computer needs to have a functioning camera. Everything needs to be well tested before the first quiz.

<http://www.respondus.com/lockdown/download.php?id=548836813>

After your successful download, please take the survey available on Canvas.

Course Policies

Attendance:

Attendance is very highly expected and students are encouraged to attend all classes. It is statistically evident that students who attend class regularly are more likely to academically perform better. Absent students are responsible for the course material they missed. Positive attitude and constructive participation will enrich and benefit all class members. Students are expected to be fully engaged with class educational material and contribute to a postive environement conducive to teaching and learning.

In the case of online modality, students need to be muted the entire time and have their cameras turned on. Please remember the recording of live lecture are your class source material. In the case of in-person instruction, your live lecture is your class source material. In both cases you are strongly encouraged to take your own notes.

As a standard policy in the Landscape Architecture Program and in this course, no late assignments will be accepted after its due date. **NO LATE WORK IS ACCEPTED.** Plagiarized work submitted as your own (work of others presented as your own) will result in an unforgiven failure and possible dismissal. Please see the undergraduate student catalogue section on academic dishonesty.

Syllabus Change:

The professor reserves the right to make any changes in the syllabus throughout the course as necessary. Changes in assignments, point values, due dates are also discretion of the professor and will be announced prior to due dates.

Clemson University Policies

Academic Integrity:

“As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a high seminary of learning. Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.”

By taking this course you become a member of the academic community. Clemson University places high expectation on its academic community. University standards and expectations are designed to guarantee high academic integrity. As a graduate student you are expected to be honest and respectful of the ethical standards of academia. Academic integrity will be enforced in this course. Do your own work, say what you want to say, if you use someone else’s work/word provide proper citation.

Please be advised that the professor reserves the right to submit any students’ papers, homeworks or assignments to university or internet online software to check for plagiarism. Plagiarism software such as Turn-it-in and other will be used in this class to check authenticity of the work submitted. Plagiarized work will be turned to University Plagiarism Committee which will in turn recommend final decisions on the student status as a member of Clemson University. (please see attached university plagiarism explanation).

Accessibility Services:

“Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to a class should let the instructor know and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848 or by emailing studentaccess@lists.clemson.edu. Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their instructors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student’s responsibility to follow this process each semester. You can access further information here: <http://www.clemson.edu/campus-life/campus-services/sds/>.”

Students are encouraged to consult with the Accessibility Services staff early in the semester, preferably prior to the first day of class. Current documentation of a specific disability from a licensed professional is needed. Additional information or appointments are available from Student Accessibility Services, Suite 239 in the Academic Success Center, 656-6848, studentaccess@lists.clemson.edu. Details on policies and procedures are available at www.clemson.edu/academics/studentaccess/.

Non-Discrimination:

“Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran’s status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972.” The Policy is located at <http://www.clemson.edu/campus-life/campus-services/access/title-ix/>. Ms. Alesia Smith is the Clemson University Title IX Coordinator and the Executive Director of Equity Compliance. Her office is located at 110 Holtzendorff Hall, 864.656.3181 (voice) or 864.656.0899 (TDD).

Social Justice:

Clemson University is committed to social justice. I concur with that commitment and expect to foster and maintain a positive learning environment based upon communication, mutual respect, and non-discrimination. Our University does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color, or national origin. Any suggestions on how to further such positive and open environment in this class will be appreciated and given serious consideration.

Covid-19:

While on campus, face coverings are required in all buildings and instructional classrooms. Face coverings are also required in outdoor spaces where physical distance cannot be guaranteed. Please be familiar with the additional information on the [Healthy Clemson](#) website, such as the use of disinfectant wipes for in-person classes. Please follow Clemson University Covid-19 Dashboard and announcement as information continually updates. If a student does not have a face covering or refuses to wear one the instructor will ask the student to leave the academic space and may report the student's actions to the [Office of Community & Ethical Standards](#). If the student's actions disrupt the class to the extent that an immediate response is needed, the instructor may call the Clemson University Police Department at 656-2222.

Copyright Statement:

Materials in some courses are copyrighted. They are intended for use only by students registered and enrolled in a particular course and only for instructional activities associated with and for the duration of the course. They may not be retained in another medium or disseminated further. They are provided in compliance with the provisions of the Tech Act. Students should be reminded to refer to the Use of Copyrighted Materials and "Fair Use Guidelines" policy on the Clemson University website. Additional information is detailed at <http://libguides.clemson.edu/copyright>.

Course Evaluation and Requirements

Grades are based on academic performance in global challenge signature assignment (20%), quizzes (35%), mid term (20%), and final exam (25%).

A = 90 – 100 %	A= Excellent indicates work of very high character
B = 80 – 89 %	B= Good indicates work that is above average, though not the highest quality
C = 70 – 79 %	C= Fair indicates work of average or medium character
D = 60 – 69 %	D= Pass indicates work below average and unsatisfactory in quality.
F = 59 % and below	F= Fail indicates that the student knows very little of the material and that it must be repeated to receive credit.

Important dates:

January 12	First day of classes
January 17	Dr. Martin Luther King Holiday
January 26	Last day to drop a class or withdraw without a W grade
March 21-25	Spring Break
May 2-6	Final exams week

Course Outline

Part I: From prehistory to the end of the 17th century

Landscapes of prehistory—Origins and adaptations

Metallurgy— Construction materials—Construction technologies

Central Civilizations

- **Western Asia to the Muslim Conquest—Assyria—Mesopotamia**
Transportation systems—Natural water system—Irrigation technologies
- **Islam: Western Asia—The rise of Islam—harmony in the abstract**
Cultural factors— Religious influence— Earthly paradise garden design
- **Western Expansion of Islam: Spain—Paradise and the Quran—the Islamic garden**
Cultural factors— Religious influence—Human-made water system—Irrigation technologies
- **Eastern Expansion of Islam: Mughul India**
Natural vs. human-made water system—Grading natural topography—New construction materials—art and cultural factors—Pre-existing religions and cultural believes

Eastern Civilization

- **Ancient India—The Harrapan Civilization**
Cultural factors— Religious influence—Construction technologies
- **China—Contradictions and Balance in the landscape of China—Confucianism and Taoism**
Land and forest clearing— human-made and natural water system—Evolving construction technologies and materials
- **Japan— Picturing History and Nature in the garden**
Cultural factors— Religious influence—Zen Garden—Light-weight construction systems
- **Pre-Columbian America: Central América: Mexico**
Meso America ceremonial centers—Agricultural technologies— Vernacular building materials
- **Pre-Columbian America: Central América: Peru**
Earthquake resistant technologies—Engineering of road systems and bridges—Reshaping the land for agricultural systems

Western Civilization

- **Ancient Egypt—Landscapes of the Nile**
Lakes, canals, and natural vs human-made drainage systems—Religious influence—Construction technologies and materials—Flood and inundation mitigation
- **Greece—Democracy, philosophy, and site design**
Cultural factors— Religious influence—Deforestation—New column order—New public spaces

- **Rome and the growth of the Empire**
Road, trails, aqueducts, bridges, networks of infrastructures—Golden Age—Agricultural system
- **Middle Ages in Europe—Looking inwards, seeking peace**
Feudal system—Manor System—Monastic system—
- **Italy: The Renaissance—Perspective and Perception**
Grading and terracing—Gravity fed elaborate water works—Horticultural varieties
- **The Renaissance Villa garden and Urban design in Italy**
Large estate design—Hunting grounds—Cultural factors— Role of Church—Villa Urbana vs Villa Rustica
- **Italy: Mannerism and Baroque—Garden, Music, Theater and Descartes**
Large estate design—Hunting grounds—Cultural factors— Land grading
- **Baroque and the Catholic Church—Reformation and Counter-Reformation**
Landmarks—Redesign of Urban Fabric—Demolition of Urban areas — Land grading
- **France: Renaissance and Baroque—Garden of the Baroque**
Redirecting river streams —Mechanical water fountains—Redesign of Paris Urban form—Avenues and Alles

Part II: Evolution of Modern Landscape

- **English School: Romanticism—The Picturesque and the Beautiful**
Contouring landform—Horticultural varieties— Views and Vistas— Addition of Human-made waterbodies—Large estate design—Hunting grounds
- **North American Landscapes: Early Periods—The idea of wilderness and the making of American landscape**
Large estate design—Hunting grounds—Cultural factors— Land grading
- **North American Landscapes: Development of Transportation and Early Land Tenure System**
Human-made Land roads systems— Waterways and canal systems—Railroad systems, right of way and towns
- **North American Landscapes: Early National Period—Washington D.C.**
English Landscape—Formal Landscape— Mount Vernon—European influences—Land clearing
- **Beginning of Parks Movement: Europe—The Public Realm**
Industrial Revolution—Social Reform—Royal Parks— Park becomes public—Country park in Europe
- **Parks Movement: United States— Downing & Olmsted**

Industrial Revolution—Social Reform—Royal Parks— Park becomes public—Country park in America

- **Influences in North America: Fredrick Law Olmsted & Calvert Vaux—Central Park**

Transcendentalism—Romanticism —Land Stewardship—America’s First Country park

- **The World Columbian Fair: Chicago—City planning—Daniel Burnham—The City Beautiful—The City Scientific**

Electricity—Elevators—Telegrams— Technological advancements at the World Columbian Fair— Human-made landscapes, lakes, and lagoons—Lungs of the city

- **Before the war— National Parks— Modernism**

Conservation—Preservation—Development— National parks begins a movement

- **U.S Preservation Movement**

Conservation—Preservation—Development

- **Landscape Architecture—Interdisciplinary collaboration—Visionary Landscapes**

Landscape Ecology—Social Science—Experimental Science—Interdisciplinarity

LARC 1160: History of Landscape Architecture Schedule
Spring 2022

Day	Month	Material/class activity
Wed	Jan 12	Course Introduction
Fri	Jan 14	Global Challenge/Devil in the White City Assignments
Mon	Jan 17	<i>Martin Luther King Day</i>
Wed	Jan 19	Origins
Fri	Jan 21	Western Asia to Muslim Conquest
Mon	Jan 24	Islam in Western Asia
Wed	Jan 26	Islam in Spain
Fri	Jan 28	Islam in Mughul India + <u>Part I of the book due</u>
Mon	Jan 31	<u>Quiz 1</u>
Wed	Feb 2	<u>Review of Quiz 1 + HW</u>
Fri	Feb 4	Ancient India
Mon	Feb 7	Ancient China
Wed	Feb 9	Ancient Japan
Fri	Feb 11	Pre-Columbian America; Mexico
Mon	Feb 14	Pre-Columbian America; Peru
Wed	Feb 16	<u>Japan+China Movie</u> + <u>Part II of the book due</u> (review for Mid-Term)
Fri	Feb 18	<u>Mid-Term Exam</u>
Mon	Feb 21	<u>Review+ Mid-Term and HW II</u>
Wed	Feb 23	Ancient Egypt; landscapes of the Nile
Fri	Feb 25	<i>No Class /Travel Maggie Valley</i>
Mon	Feb 28	Ancient Egypt; landscapes of the Nile
Wed	Mar 2	Greece
Fri	Mar 4	Roman Empire & <u>Part III of the Book Due</u>
Mon	Mar 7	<u>Quiz 2</u>

Wed	Mar 9	<u>Review Quiz 2+ Part III of the Book</u>
Fri	Mar 11	Middle Ages in Europe
Mon	Mar 14	Italian Renaissance
Wed	Mar 16	<u>CELA Conference New Mexico</u>
Fri	Mar 18	<u>CELA Conference New Mexico</u>
Mon	Mar 21	<i>Spring Break</i>
Wed	Mar 23	<i>Spring Break</i>
Fri	Mar 25	<i>Spring Break</i>
Mon	Mar 28	Mannerism and Baroque in Italy
Wed	Mar 30	French Renaissance and Baroque
Fri	April 1	Baroque and the Catholic Church
Mon	April 4	French Renaissance and Baroque + Movie (nature perfected)
Wed	April 6	English landscape; Romanticism
Fri	April 8	<u>Quiz 3</u>
Mon	April 11	<u>Review Quiz 3 + Final Paper Due</u>
Wed	April 13	North America; Early periods
Fri	April 15	North America; Transportation and early land tenure
Mon	April 18	North America; Early National period
Wed	April 20	Parks Movement; Europe
Fri	Apr 22	Parks Movement; USA
Mon	Apr 25	Olmsted and Central Park
Wed	Apr 27	Olmsted and Central Park; Movie
Fri	Apr 29	U.S Preservation Movement (Cari) Variation and interdisciplinary collaboration
Mon	May 2	Final Exam (as scheduled)
Wed	May 4	Final Exam (as scheduled)
Fri	May 6	Final Exam (as scheduled)