

LAA 4905
Design Implementation
UF Department of Landscape Architecture
Spring 2025

SYLLABUS

I. General Information

CLASS MEETINGS: 100% In-Person, Thursdays, Periods 3-4
LOCATION: AH 439
CREDITS: 5 Credits

INSTRUCTOR: Daniel P. Manley, PLA, ASLA
ARC 331A
Thursdays, 1-3pm or by appointment
dpmanley@ufl.edu

COURSE DESCRIPTION

This course focuses on design implementation through the development of construction documents for students' capstone studio projects.

PREREQUISITE KNOWLEDGE AND SKILLS

LAA 3420 – Landscape Construction 1 and LAA 3421 – Landscape Construction 2

REQUIRED READINGS AND WORKS

There are no required readings.

Materials and Supplies Fees: see schedule of courses. Drafting supplies required of all studio courses.

The following software is required:

- Civil3D or AutoCAD (latest version)
- MS Office (Word, Excel and Powerpoint)
- Adobe Acrobat Reader or other PDF reading software

II. Student Learning Outcomes (SLOs)

The course learning objectives below align with Landscape Architectural Accreditation Board (LAAB) standards and UF's BLA Student Learning Outcomes (SLOs) and are used to guide the assessment of student learning. At the end of this course, students will be expected to have achieved the course learning objectives (CLOs) under the program SLO headings as follows:

CONTENT
SLO 1 – Integrate concepts from the general body of knowledge of the profession of landscape architecture in design decision-making.
CLO 1 - Understand and integrate principles and practices of engineering, including grading drainage, water quality and management, and other landform processes to design landscapes that are accessible, safe, and ecologically sustainable.
SLO 2 – Apply core professional landscape architecture skills in design decision-making.
CLO 2 - Develop design proposals and plans that integrate materials, engineering, specifications, and construction techniques.
CLO 3 – Apply quantifiable principles and practices of engineering including grading, drainage, water quality and management, and other landform processes to design landscapes that are accessible, safe, and ecologically sustainable.
SLO 3 – Apply ethical understanding to design decision-making.
CLO 4- Apply ethical and professional principles and considerations to their obligations to clients, communities, the public, and landscape environment.
CLO 5 - Explain the legal responsibilities, and the role of landscape architects in preserving and safeguarding human health, safety, and the public welfare through their professional practice.
CRITICAL THINKING
SLO 4 – Combine and analyze information from multiple sources to support design decision-making.
CLO 6 – Identify and evaluate the impacts of engineering, development, and post construction management.
CLO 7 - Evaluate and critique design and construction alternatives and synthesize ideas into a comprehensive, implementable result.
CLO 8 – Critically evaluate different materials for character, quality, cost, sustainability, and cultural relevance.
COMMUNICATION
SLO 5 – Produce professional visual, oral, and written communications.
CLO 9 – Prepare technical drawings and construction documents and details.

III. Graded Work

DESCRIPTION OF GRADED WORK

Project 1 – Storyboarding (10% of total grade)

Students will determine a “Phase 1” limit of work for their capstone project that they will use to in developing construction documents. Once the Phase 1 limits of work have been established, the student will develop a storyboard outlining the proper assembly and order of construction sheets and construction details.

Project 2 – 30% Construction Documents (10% of total grade)

After developing the Storyboard, students will develop 30% construction documents for Phase 1.

Project 3 – 60% Construction Documents (20% of total grade)

Students will progress their documents to 60% construction documents.

Project 4 – 90% Construction Documents (40% of total grade)

Students will progress their documents to 90% construction documents. For the purposes of this course, 90% documents should be considered technically complete. Meaning, the work required to move the 90% CDs to 100% CDs is plan revision to capture errors and inconsistencies, not the generation of new work.

Project 5 – QA/QC (10% of total grade)

Students will perform a QA/QC review on another student’s construction set.

Project 6 – 100% Construction Documents (10% of total grade)

Students will finalize their documents by making necessary revisions to 90% documents.

Statement on Work Expectations: In a fall or spring class, one credit hour is the equivalent of approximately three-hours of coursework per week. Students should expect to spend the equivalent of approximately 15 hours a week throughout the semester. As this course is tied to your capstone project some of this work will be to further develop your capstone design to a higher specificity of detail; however, the intent is that this work is in addition to the work expectations for a typical capstone project.

The graded work assesses the course learning objectives as follows:

Assessment	LAA 4905 - Course Learning Objectives (CLOs)								
	SLO 1		SLO 2		SLO 3		SLO 4		SLO 5
	1	2	3	4	5	6	7	8	9
Project 1 – Storyboard					X				X
Project 2 – 30% CDs	X		X					X	X
Project 3 – 60% CDs	X	X	X	X		X	X	X	X
Project 4 – 90% CDs	X	X	X	X		X	X		X
Project 5 – QA/QC				X	X	X	X	X	X
Project 6 – 100% CDs				X					X

GRADING SCALE

For information on how UF assigns grade points, visit: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

A	93 – 100%		C	73 – 76%
A-	90 – 92%		C-	70 – 72%
B+	87 – 89%		D+	67 – 69%
B	83 – 86%		D	63 – 66%
B-	80 – 82%		D-	60 – 62%
C+	77 – 79%		E	<60

As per department policy, Landscape Architecture Majors must receive a C or better to move forward. Any grade lower than a C will require that the course be taken over again.

All student work may be retained and used by the Department of Landscape Architecture. Digital copies of student work for this course must be turned in at the completion of each assignment. Please follow the directions given by the instructor as to how they will be submitted (e.g., Canvas, CD, PDF, word file, etc.). If an assignment is required to be scanned, it must be scanned; photographs of assignments are not acceptable. If a multipage PDF is requested, do NOT submit each page as a separate PDF. It must be submitted as one file. Point deductions on the assignment may result from not following submittal directions or providing incorrect submittal or file formats.

Projects are expected to be submitted by the specified due date. If no prior arrangement is made with the instructor for a late submittal, the maximum points that the student can earn for the project will be reduced by 2% for every day it is late. Projects are out of 100 points. Therefore, if a 100-point project is five days late, the maximum points that the student can receive for the project is 90 points (i.e., 90% of the total grade). If the student receives the equivalent grade of an 85% on the project, the student would receive 76.5 points (85% of 90 points). Projects that are ten days late or more will be graded out of 80% of the total points of the assignment. Late projects will be accepted on or before the last day of class. A grade of zero will be given until the project has been turned in.

An assignment is considered a day late if it is submitted after the specified date and time. The deadline is a hard deadline; no exceptions will be made for scanning, computer related issues, uploading, et cetera. Assignments are considered an additional day late every 24 hours from the due date. Assignment submissions may be updated and re-uploaded to the Canvas site as needed prior to a submittal deadline. Once the deadline has passed for an assignment and a submission has been made, additional submittals are not guaranteed to be accepted. If the updated, late submittal is accepted, the entire submittal will be considered late and points will be deducted based on the date of the late submission. In addition, it is the student's responsibility to ensure that a submission is complete; missing items will not be given credit.

IV. Annotated Weekly Schedule

Week	Topics, Homework, and Assignments
Week 1	<ul style="list-style-type: none"> • Topic: Intro to Class, Construction Documentation Phases, Limits of Work • Summary: This week we will introduce the course and review the schedule; we will review the various construction documentation phases; and students will determine their limits of work for their implementation project. (CLO# 4,5,9) • Required Readings/Works: None • Assignment: Begin 30% CD Phase
Week 2	<ul style="list-style-type: none"> • Topic: Construction Document Setup, Storyboarding, 30% CDs • Summary: We will discuss the storyboarding process, review the various types of sheets found in a construction drawing set, and how to properly organize the set. Students will determine the “Phase 1” limits of work. (CLO# 4,5,9) • Required Readings/Works: None • Assignment: Project 1 - Storyboard [Due Thurs, Week 3]
Week 3	<ul style="list-style-type: none"> • Topic: Construction Detailing Review, CD File Setup, 30% CDs • Summary: This week we will review proper construction detailing and how to appropriately set up construction document files (CLO# 1,2,3,5,9) • Required Readings/Works: None • Assignment: Project 1 – Storyboard Due; Project 2 – 30% CDs [Due Thurs, Week 5]
Week 4	<ul style="list-style-type: none"> • Topic: 30% CDs • Summary: Students will continue developing their 30% CDs with critiques (CLO# 1,3,8,9). • Required Readings/Works: None • Assignment: No new assignments
Week 5	<ul style="list-style-type: none"> • Topic: 60% CDs • Summary: This week will begin the development of 60% CDs. (CLO# 1,2,3,4,6,7,8,9) • Required Readings/Works: None • Assignment: Project 2 – 30% CDs Due; Project 3 – 60% CDs Assigned [Due Thurs, Week 8]
Week 6	<ul style="list-style-type: none"> • Topic: 60% CDs • Summary: Students will continue with the development of 60% CDs with in-class critiques. (CLO# 1,2,3,4,6,7,8,9) • Required Readings/Works: None • Assignment: No new assignments
Week 7	<ul style="list-style-type: none"> • Topic: 60% CDs • Summary: Students will continue with the development of 60% CDs with in-class critiques. (CLO# 1,2,3,4,6,7,8,9) • Required Readings/Works: None • Assignment: No new assignments

Week	Topics, Homework, and Assignments
Week 8	<ul style="list-style-type: none"> • Topic: 90% Construction Documents • Summary: We will begin development of 90% CDs (CLO# 1,2,3,4,6,7,9) • Required Readings/Works: None • Assignment: Project 3 – 60% CDs Due; Project 4 – 90% CDs Assigned [Due Thurs, Week 13]
Week 9	<ul style="list-style-type: none"> • Topic: 90% Construction Documents • Summary: Students will continue the development of 90% CDs with in-class critiques. (CLO# 1,2,3,4,6,7,9) • Required Readings/Works: None • Assignment: No new assignments
Week 10	<ul style="list-style-type: none"> • Topic: Spring Break (No Class)
Week 11	<ul style="list-style-type: none"> • Topic: 90% Construction Documents • Summary: Students will continue the development of 90% CDs with in-class critiques. (CLO# 1,2,3,4,6,7,9) • Required Readings/Works: None • Assignment: No new assignments
Week 12	<ul style="list-style-type: none"> • Topic: 90% Construction Documents • Summary: Students will continue the development of 90% CDs with in-class critiques. (CLO# 1,2,3,4,6,7,9) • Required Readings/Works: None • Assignment: No new assignments
Week 13	<ul style="list-style-type: none"> • Topic: Quality Assurance/Quality Control (QA/QC) • Summary: We will review the proper QA/QC process for reviewing and revising construction documents, and students will perform a QA/QC review. (CLO# 4,5,6,7,8,9) • Required Readings/Works: None • Assignment: Project 4 – 90% CDs Due; Project 5 – QA/QC Assigned [Due Thurs, Week 14]
Week 14	<ul style="list-style-type: none"> • Topic: 100% Construction Documents • Summary: We will begin the finalization of our CD sets. (CLO# 4,9) • Required Readings/Works: None • Assignment: Project 5 – QA/QC Due; Project 6 – 100% CDs Assigned [Due Wed, Week 16]
Week 15	<ul style="list-style-type: none"> • Topic: 100% Construction Documents • Summary: Students will continue to finalize their CDs. (CLO# 4,9) • Required Readings/Works: None • Assignment: No new assignments
Week 16	<ul style="list-style-type: none"> • Topic: No Class • Summary: Complete 100% construction documents (CLO# 4,9) • Assignment: Project 6 – 100% Construction Documents Due

VI. Required Policies

ATTENDANCE POLICY

Attendance is mandatory. Students are expected to arrive on time. Acceptable reasons for excused absences are as follows:

- o Illness
- o Serious family emergency
- o Special curricular requirements (e.g., judging trips, field trips, professional conferences)
- o Military obligation
- o Severe weather conditions
- o Religious holidays
- o Participation in official university activities such as music performances, athletic competition or debate.
- o Court-imposed legal obligations (e.g., jury duty or subpoena)

If necessary, students shall be permitted a reasonable amount of time to make up material or activities covered in their excused absence; however, absences do not affect project deadline dates unless prior arrangements have been made.

The instructor will not provide the student notifications regarding absences and tardiness. You may email the instructor should you have any questions regarding your attendance. Please schedule an office meeting for any discussions regarding attendance, tardiness, and late assignments.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

STUDENTS REQUIRING ACCOMMODATION

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

UF EVALUATIONS PROCESS

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

UNIVERSITY HONESTY POLICY

UF students are bound by The Honor Pledge which states “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by

abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. [See the UF Conduct Code website for more information.](#) If you have any questions or concerns, please consult with the instructor in this class.

COUNSELING AND WELLNESS CENTER

Contact information for the Counseling and Wellness Center: <http://www.counseling.ufl.edu/>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

COURSE MATERIALS AND IN-CLASS RECORDINGS

The digital course materials provided on Canvas (e.g., lectures, assignments, quizzes, et cetera) are provided for personal study and are not intended for distribution by electronic or other means. Further distribution or posting on other websites is not permitted.

Our class sessions may be audio visually recorded. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who participate orally are agreeing to have their voices recorded.

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.