

SYLLABUS

Class meeting times:	<i>M W F 2nd Period – 4th Period (8:30 AM – 11:30 AM)</i>
Studio/Lecture:	322 ARC
Credits:	5
Instructor:	Daniel Manley, PLA, LEED-AP, ASLA
Office:	434 ARC 352-392-6098 dmanley@ufl.edu
Office hours:	<i>M 6th Period (12:50 PM – 1:40 PM)</i> <i>R 7th Period (1:55 PM -2:45 PM)</i> <i>or by appointment</i>
Canvas e-learning Website:	http://elearning.ufl.edu

Course Overview

The purpose of this course is to explore the relationship between design and construction and introduce construction concepts in landscape architecture focused on landforms, site grading, stormwater management, and roadway alignment.

Course Objectives

The objectives of this course are to gain a workable understanding of site grading, stormwater management, and roadway alignment; apply the knowledge gained to the design decision-making process; and to achieve the student learning outcomes listed below.

Prerequisite Knowledge and Skills

Students are required to have completed LAA2376 and 2379: Design Communication 1 & 2. Students are expected to have a foundational knowledge of the design process, a basic understanding of AutoCAD, and the skills developed in the prerequisite courses to produce digital and hand-drawings.

Students Learning Outcomes

Content Knowledge

- *Integrate site grading and stormwater management concepts in design decision-making*
- *Identify common contour signatures and apply grading concepts such as slope and interpolation in design decision-making*
- *Recall basic stormwater management principles and modeling techniques*
- *Recognize health, safety and welfare issues related to site grading and stormwater management in design decision-making*
- *Recall basic terminology and principles of horizontal and vertical roadway alignment.*

Critical Thinking

- *Synthesize information from multiple sources in design decision-making*
- *Apply grading process to unique sites.*
- *Develop proper roadway geometrics for unique sites by applying principles of roadway alignment.*

Communication

- *Produce visual, oral, and written communications.*
- *Execute basic AutoCAD efficiently to produce construction drawings*

Teaching Philosophy

The lecture portion of the course will be taught in a logical, step-wise manner that is process-oriented and builds upon topics presented each week. Learning is reinforced by doing, and the studio portion of class will provide the student opportunities to apply the concepts presented in the lectures. The studio will reflect the learning style found in professional working studios; criticism of work will be given in the form of desk critiques and redlines. Redlines are instructor markups of student submitted drawings that provide additional opportunities to learn, improve, and hone the craft. As the learning process is largely-based on feedback, the student's self-motivation and preparedness for class are critical to the success of the student.

Instructional Methods

Course instruction will be a combination of lectures, readings, field visits, and individual instruction/desk critiques of student work.

COURSE POLICIES

Class Attendance and Participation

- **Participation in class is critical.** Attendance is mandatory and students are expected to arrive on time. Attendance will be routinely taken. Two unexcused absences are permitted. If attendance becomes a problem for the student, the instructor will meet with the student, after which each additional unexcused absence will lower the student's semester grade by 2%. Students are required to contact, via e-mail, phone, or in-person, the instructor as soon as an absence (excused or unexcused) is expected and prior to the class being missed. Notifying the instructor of an absence does not guarantee that the absence will be considered excused. Excused absences do not affect project deadline dates unless prior arrangements have been made.
- Studio work time and desk critiques are essential to the learning experience; therefore, attendance is expected for the entire class time. During the studio (desk instruction) portion of the course, it is expected that all students will be in attendance for the entire class and working on LAA3420 assignments. Arriving more than twenty minutes after class has started will be considered absent for the class. Attending lecture, but not attending the studio portion will be considered an absence. Leaving during class for extended durations, leaving early from class, or working on assignments from other courses will be considered non-participatory. In addition, work must be done in the studio and computers must be brought to class; instruction will not be given outside the studio during class times (e.g., in the computer lab). Working outside the studio during the class periods will be considered non-participatory. Being non-participatory will be considered the same as being absent.
- 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>.

Class Demeanor

- Studios are public places. The studio doors are locked, however, it is also suggested that you store any valuables under lock or bring them home with you.
- *Cell phones must be turned off during class.*
- Working on your computer during lecture is not permitted.
- Please respect other students work. Due to tight quarters, it is especially important to keep spaces and common spaces clean. Also be mindful and respectful of playing music and other audio.

- Many classes will include “desk crits” at each student’s desk. It is expected that your desk be orderly and you have a scale and a roll of trace available when the instructor arrives at your desk.

Submission of Student Work

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. No grades will be computed into the final course grade until digital submissions have been turned in as requested. 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. Point deductions on the assignment may result from not following submittal directions or providing incorrect submittal or file formats.

All files must be named as follows:

(Course#Name)(Project+Description)(Student-Lastname).(pdf)

Example:

3420LACost1GradPlanSmith.pdf

4ch 8ch 8ch 6ch (ch = letter characters)

- Use CAPS for Separation
- Save images in PDF format at a maximum 200 resolution
- *No spaces, hyphens, or underscoring*

Texts, Software and Other Resources

The following texts are required:

- Strom, Nathan, and Woland; *Site Engineering for Landscape Architects*, Sixth Edition
- [FWMD Best Management Practices for South Florida Urban Stormwater Management Systems \(Online\)](#)

The following texts are recommended:

- Ferguson, Bruce K.; *Introduction to Stormwater : Concept, Purpose, Design*; First Edition
- Aymer, Valerie; *Landscape Grading: A Study Guide for the LARE Grading Examination*
- Harris and Dines; *Timesaver Standards for Landscape Architecture*; Second Edition

The following software is required:

- AutoCAD (2015 or higher)
- Sketch-up
- MS Office (Word, Excel and Powerpoint)
- Adobe Acrobat

All students are required to have a laptop computer that meets the Department’s computer requirement. If a Mac is being used, AutoCAD should be run in a Windows environment such as Boot Camp or Parallels. In addition, a stand-alone, scientific calculator is required for this class. The calculator function found on smartphones, computers, or tablets will not be acceptable and will not be permitted during in-class quizzes or exams.

Communication

Students may contact the instructor via phone, email, or in-person. Email is the primary communication method to contact the instructor outside of class time and office hours. Please use the email address listed above.

UF POLICIES

Student Accommodations

Support services for students with disabilities are coordinated by the Disability Resource Center in the Dean of Students Office (352-392-8565, www.dso.ufl.edu/drc/). To obtain individual support services, each student must meet with a support coordinator in the Disability Resources Program who will work with the individual student and the instructor to determine appropriate support strategies. There is no requirement for a student to self-identify his/her disability; however, students requesting classroom accommodations must register with the Dean of Students Office. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Appropriate documentation regarding the student's disability is necessary to obtain any reasonable accommodation or support service. Students with disabilities should follow this procedure as early as possible in the semester.

Academic Honesty

The University requires all members of its community to be honest in all endeavors. When students enroll at UF they commit themselves to honesty and integrity. The faculty of Landscape Architecture fully expects you to adhere to the academic honesty guidelines you signed when you were admitted to UF. In completing the registration form at the University of Florida, every student has signed the following statement:

"I understand the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."

Furthermore, on work submitted for credit by all UF students, the following pledge is either required or implied:

"On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is to be assumed that all work will be completed independently unless the assignment is defined as a group project by the instructor. This does not mean that students cannot help one another in learning material, but all work that is turned in must be independent work of that individual.

Misrepresentation or plagiarism, such as claiming another's work to be one's own, refers to graphic, images, and design work as well as written work. Submitting work from one course to fulfill the requirements of another (unless expressly allowed by the instructor) is also misrepresentation.

The University Honor Code and the Department of Landscape Architecture Academic Honesty Policy are to be followed to the letter. Any students found to have cheated, plagiarized, or otherwise violated the Honor Code in any assignment will be punished according to the severity of the act and may be referred to the Honor Court. It is each student's responsibility to report any infraction, and it is expected that each faculty will report all infractions as well.

For more information, see <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/> and the Department of Landscape Architecture Academic Honesty Policy.

Netiquette: Communication Courtesy

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. For a description of what is expected and what will occur as a result of improper behavior see the University's [Netiquette Guide for Online Courses](#).

Religious Holidays

The university calendar does not include observance of any religious holidays. The Florida Board of Governors and state law govern university policy regarding observance of religious holidays. Students shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith with prior notification to the instructor. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

University's Syllabus Policy

The University's complete Syllabus Policy can be found at:

<http://syllabus.ufl.edu/Data/Sites/18/media/policies/syllabus-policy-current.pdf>

GETTING HELP

For issues with technical difficulties for E-learning in Canvas, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Counseling Resources

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

GRADING POLICIES

Course grades will be based on problem solving skills as they relate to the accomplishment of the objectives. Grading will adhere to the University of Florida Grade Policy:

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59-0
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

For greater detail, see the Registrar’s Grade Policy regulations at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

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.

Students will be evaluated based on assignments and quizzes. Quizzes may be unannounced. Unless specifically stated otherwise, all assignments (including presentations), quizzes, or exams given as part of this class will be graded, assigned a point value, and included in the determination of the student’s final grade. Course grades will be based on the following approximate points and weighting (subject to change):

Description	Points	Percentage of Total Grade
Assignment 1: Exercise Set A	15	5%
Assignment 2: Exercise Set B	30	10%
Assignment 3: Grading and Earthwork	60	20%
Assignment 4A: Stormwater – Preliminary Plan and Calculations	30	10%
Assignment 4B: Stormwater – Final Calculations	30	10%
Assignment 4C: Stormwater – Final Plan	30	10%
Assignment 5: Roadway Geometrics	75	25%
Total Assignment Points	270	90%
Quiz 1 – Grading and Earthwork Quiz	15	5%
Quiz 2 – Stormwater and Roadway Geometrics Quiz	15	5%
Total Quiz Points	30	10%
TOTAL CLASS POINTS	300	

Assignments 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 assignment will be reduced by 5% for every day it is late. For example, if a 30 point assignment is two days late, the maximum points that the student can receive for the assignment is 27 points (i.e., 90% of 30). If the student receives the equivalent of an 85% on the assignment, the student would receive 25.5 points (85% of 27 points). A due date and time will be provided for every assignment, and 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. An additional 5% reduction will be assessed every 24 hours from the due date. Assignments that are ten days late or more will be graded out of 50% of the total points of the assignment. Late assignments will be accepted on or before the last day of class.

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.

Assignments will be due at 11:59 PM on the stated due date unless otherwise specified.

Evaluation of Faculty

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

