

LAND 240: Introduction to Horticulture (3 credits)

Course Description:

This course offers an introductory examination of the science of horticulture as it applies to landscape architecture. An emphasis will be placed on developing a working knowledge of the fundamental principles of plant growth and development.

Student Learning Outcomes:

Upon successful completion of this course, students will document the ability to demonstrate the following criteria at an introductory level:

- Access, collect, and use primary and secondary resources to create precedent and typology case study analyses from the fine arts, natural sciences, social sciences, and humanities as they apply to landscape architecture specific problems and questions.
- Identify and critically evaluate the lessons learned from precedent and typology case study analyses.
- Demonstrate effective written, graphic, and oral communication skills through the delivery of project presentations.
- Produce effective graphic presentations using a wide range of appropriate analog and digital media.
- Demonstrate the need for landscape architects to provide leadership in the design, management, and planning of socially, economically, environmentally, and physically sustainable environments.
- Generate a professional portfolio that documents entry-level professional skills.

Required Textbook:

None: Readings will be distributed as required.

Attendance and Participation

This course will adhere to the SOA Attendance Policy:

"Attendance at classes, laboratories, studios and seminars is required. If excessive absences are noted in a particular course, the student will be notified in person and by letter that he or she will be administratively withdrawn if further unexcused absences are noted. If further absences occur after notification, the student will be withdrawn from the course and the program." (p.152, undergraduate catalog).

An excused absence, as defined by the School of Architecture is not "I have to be at work so I can't be in class", rather, documented illness is an excused absence.

Representing the school in a sponsored event, or other similar activities may constitute as an excused absence. Attendance may be taken at any time during the scheduled class period. If you are going to be absent or late, for any reason, you must let us know in writing at least 24 hours prior to the class period. However, prior written notification does not mean that the absence will be considered excused, rather the advanced notice is meant to act as a time related courtesy to those who will be in attendance. Class discussions and/or missed critique opportunities will not be repeated. Three unexcused absences will result in an automatic 20% reduction in your final grade. More than three

unexcused absences are grounds for being administratively dropped from the course, as outlined in the SOA Policy. It is important to be on time for all class meetings and to produce work regularly for input and review. YOU ARE EXPECTED TO ATTEND ALL CLASSES FOR THE ENTIRE CLASS SESSION. This is absolutely mandatory, unless you have preauthorized permission to be absent, or both instructors have agreed upon other arrangements. IT IS ALSO MANDATORY THAT YOU DISPLAY PROPER PROFESSIONAL ETIQUETTE BY ATTENDING THE PRESENTATIONS OF EACH OF YOUR CLASSMATES. YOU ARE EXPECTED TO ARRIVE ON TIME. Professional conduct requires that you manage your time in such a way that is not disrespectful to others. Tardiness may result in your not being allowed to enter the class, thus resulting in an unexcused absence. Participation in class discussions is required and your participation will constitute part of your grade.

Grade Distribution

The course requirement will be distributed as follows:

4 Quizzes (25%)	250 points
Semester Report (30 %)	300 points
Mid-Term Exam (15%)	150 points
Final Exam (20%)	200 points
Class participation and attendance (10%)	<u>100 points</u>

1000 points total

Project Presentation Component

Your projects will include a presentation component. All presentations will be made using the following guidelines:

- All presentations will be ten minutes in length.
- Your presentation should focus on a critical analysis of your topic and must include a design proposal as it relates to the content of the literature that you have used to promote your analysis.
- Your project should focus on the following factors: why this analysis is important to you, how is your proposal relevant to the discourse of sustainable landscape architecture, and what does this proposal mean to your future as a designer.

Grading / Exams / Grade Posting

Each assignment submitted on time will receive a grade and/or comments. Grades will be provided in writing on assignments, and grade-to-date information will be available upon request.

Points to letter grade conversion

1000	950	900	A	A	A-
899	850	800	B+	B	B-
799	750	700	C+	C	C-
699	650	600	D+	D	D-
599	to	0	F		

Grading Structure

The following standards supplement the Grading System for Undergraduate Students as listed in the current Undergraduate Catalog.

Letter Grade Description

A to A- Superior: Represents comprehensive excellence. Not only does the work fulfill all requirements in an excellent and professional manner but goes beyond the given requirements aiming at standards higher than requested. The student is an active and engaged participant in all class activities and intellectual progress and development have been demonstrated by the timely preparation of thoughtful work on a regular basis. This work is of a quality that is instructive to the teacher and exemplary to the rest of the class.

B+ to B- Above Average: Represents work that can be distinguished as being of truly “good” quality. This work is of a quality that has been instructive to the rest of the class. The work is free of significant flaws, is comprehensive in scope, and is recognizable as coherent architecture. The student is an active and engaged participant in all class activities and intellectual progress and development have been demonstrated by the timely preparation of work on a regular basis.

C+ to C- Average: Represents satisfactory and average performance. The work is free of major design flaws and is recognizable as coherent architecture. Intellectual progress and development have been demonstrated by the timely preparation of work on a regular basis. The student and instructor can take “satisfaction” in the average resolution of the design exercise. Students of Architecture, Interior Architecture and Design, and Landscape Architecture must attain a minimum grade of “C-” in all coursework taken within the School of Architecture as a part of the completion of their major course requirements. Students who attain any grade below a “C-” in any course within their major must retake that course and attain a minimum grade of “C-” in order to advance towards graduation.

D to F Failing: Represents substandard work that is not passable. Work has not fulfilled requirements, or has not be completed on time, or does not appropriately address the exercise is unacceptable.

I Incomplete Grades - The grade of I – Incomplete – can be granted when a student has satisfactorily completed all course work up to the withdrawal date of that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. A student who receives an I is responsible for making up whatever work was lacking at the end of the semester. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

As per the UNLV Office of the Vice President and Provost Spring Instructors are permitted to assign + or – to grades. However, there is no grade of “A+” within these guidelines.

Semester Schedule*

<u>CLASS</u>	<u>DATE</u>	<u>TOPIC</u>
1	1/20	Introduction: "Me On the Wall" assignment
2	1/27	Review and Discuss "Me on the Wall"
3	2/3	Plant Growth Environment Above Ground
4	2/10	Plant Growth Environment Below Ground - Soil Chemical and Physical Properties
5	2/17	Plant Growth Environment Plant Nutrition & Fertilizers Quiz 1
6	2/24	Plant Growth Environment Plant Nutrition & Fertilizers
7	3/2	Soil Water Relationships/Irrigation
8	3/9	Plant Anatomy, Physiology, & Taxonomy Quiz 2
9	3/16	Production and Use of Vegetables, Fruits, Nuts MID TERM EXAM
10	3/23	NO CLASS - SPRING BREAK
11	3/30	Wholesale/Retail Nurseries. Production of Trees, Shrubs, Vines, Groundcover, Perennials and Annual Color.
12	4/6	Turfgrass Management Quiz 3
13	4/13	Arboriculture
14	4/20	Plant Pests and Their Control Quiz 4
15	4/27	Landscape Management Programs & Schedules/Contracts/RFP's SEMESTER REPORT DUE
16	5/4	Licensing and Certifications – Related Fields (ISA, IA, NV Dept. of Ag)
17	5/11	FINAL EXAM

University Policies

Academic Misconduct—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

Copyright—The University requires all members of the University Community to familiarize themselves **with** and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws.** Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

Disability Resource Center (DRC)—The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

Religious Holidays Policy—*Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor **within the first 14 calendar days of the course for fall and spring courses, or within the first 7 calendar days of the course for summer and modular courses**, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.*

Transparency in Learning and Teaching—*The University encourages application of the transparency method of constructing assignments for student success. Please see these two links for further information: <https://www.unlv.edu/provost/teachingandlearning> <https://www.unlv.edu/provost/transparency>*

Incomplete Grades—The grade of I—Incomplete—can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student's control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving "I" grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not

register for the course but make individual arrangements with the instructor who assigned the I grade.

Tutoring and Coaching—The Academic Success Center (ASC) provides tutoring, academic success coaching and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, visit <http://www.unlv.edu/asc> or call [702-895-3177](tel:702-895-3177). The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of the SSC (ASC Coaching Spot). Drop-in tutoring is located on the second floor of the Lied Library and College of Engineering TEB second floor.

UNLV Writing Center—One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student's Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>.

Rebelmail—By policy, faculty and staff should e-mail students' Rebelmail accounts only. Rebelmail is UNLV's official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students' e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. **Emailing within WebCampus is acceptable.**

Final Examinations—The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>.

Students may consult with a Librarian on research needs. For this class, the subject librarian is http://www.library.unlv.edu/contact/librarians_by_subject. UNLV libraries provides resources to support students access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at <http://www.library.unlv.edu/>.

Landscape Architecture Program Policies

Late Work

Late work will not be accepted. If appropriate, i.e. in the case of an excused absence, the decision to accept make up work will be handled by the instructor on a case-by- case basis.

Evaluations

Student Evaluation of Faculty

Students have the opportunity to formally evaluate the faculty at the end of term. You are also encouraged to speak to us at any time with responses, suggestions or feedback - positive or negative. It is important to keep up with good communications. *Course evaluations will be available for students to complete near or during the last two weeks of class. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructors.*

Faculty Evaluation of Student

Feedback from the instructor will occur in the following ways:

- on request from you
- assignment grades and comments

Documentation and Retention of Student Work

The program will keep final presentation material at the end of semester for each project. The materials serve several functions to the Program and the University. They are used to document student outcomes during accreditation and to demonstrate the value of our Program to the University community. Nevertheless, please take photographs, digital images or copies of your projects to use in your portfolio. All students in all classes are required to submit a complete set of work digitally in pdf, jpg, tiff or appropriate format on CD at the end of the semester to the course instructor.

Portfolio/Submission of Work Policy

At the end of each course, all students will submit copies of his or her work in the form of hardcopy and digital portfolios. The portfolio must be clearly organized and in chronological order starting at the beginning of the semester and tracing your progress throughout the semester. The portfolio must document ALL of the work that you completed during the semester. This includes, but is not limited to the final project, final presentation images, course writing assignments, etc. Each project/assignment must also include a copy of the project/assignment handout. *Submission of the course portfolio is mandatory – NO EXCEPTIONS. Please adhere to the following submission guidelines:*

HARDCOPY PORTFOLIO

Format

- The hardcopy portfolio must be 8.5" x 11."
- The portfolio must be spiral bound along the left hand side.
- The portfolio must have a heavy stock binding material as a back cover and a clear plastic front cover.
- The first page of the portfolio must include your name, the course number, the semester, and the name of the course instructor/professor.

DIGITAL PORTFOLIO

Format

- The portfolio must be submitted as a .pdf file submitted to the class Google Drive (No exceptions)
- PDF is the preferred formatting platform, any other platform must be cleared by the program coordinator.

It is the responsibility of each student to ensure that his or her files are properly loaded and can be opened and viewed.