

HORT 2110 (4 credits) Ornamental Plants II
Course syllabus, Fall 2020

Lecture: on zoom; live on M & W 12-1:15pm

Laboratory: labs will be self-guided

Instructor: Rachel Gioannini, 352N Skeen Hall

E-mail: rachelgi@nmsu.edu Office: 575-646-3638;

Virtual Office hours: Tuesdays, 1-2pm or **by appointment**

Teaching Assistant:

Course description:

This covers identification, botanical characteristics, culture, and landscape uses of woody plants. Emphasis will be on deciduous trees, native shrubs, and evergreens. Laboratories will be self-guided with students finding the plants for that week with some guidance provided in locating correct specimens.

Course objectives:

1. Use botanical characteristics to identify ornamental landscape plants.
2. Use scientific names and terminology to describe landscape plants.
3. Have a working knowledge of the use of landscape plants in designed landscapes.

Expected student outcomes:

1. Students will be able to accurately identify plants taught in this course with 70% accuracy using accurate genus, species and common names.
2. Students will be able to create a rough landscape plan using plants taught in this course.
3. Students will understand the relationships between plant families, genera and species.

Class Resources:

1. **Required:** St. Hilaire, R. 2012. Landscape Plants for the Lower Rio Grande Basin. Sentia Publishing ISBN 978-1-7320601-7-3. **Available at bookstore.**
2. **Recommended:** Elpel, Thomas J. 2018 (6th edition). Botany in a Day; the Patterns Method of Plant Identification. HOPS Press, ISBN 978-1-892784-35-3. **Available new or used through online resources.**

Grading Summary	Points:	Final grades
Plant brochure	100	A = 850-765 points/90-100%
Plant presentation	100	B = 764-679 points/80-89%
Exam 1	100	C = 678-593 points/70-79%
Exam 2	100	D = 592-507 points/60-69%
Exam 3	100	F = <506 points/<59%
Plant ID book	200	
Final project	150	
Total points	850	

Plant Brochure (100 points)

Each student will be required to create a brochure on an ornamental plant that you will choose from a list provided. Exact project requirements and grading rubric will be discussed in class.

Plant Presentation (100 points)

Each student will be required to present a short PowerPoint presentation of the plant they chose for the brochure. Exact project requirements and grading rubric will be discussed in class.

Exams (3 Exams, 100 points each)

There will be 3 exams. You will be tested on lecture material, plants you discussed in class and handouts. Exam 1 covers all material until the first exam, Exam 2, all materials since Exam 1 and Exam 3, all materials since Exam 2. There is no "cumulative" exam per se.

The exams will be structured as follows:

Section 1: Slide identification

Section 2: Multiple choice and/or short answers

Section 3: True/false; All false answers have to be justified to receive full credit. False answers that do not have correct justification will receive only half the credit.

Section 4: short answer: plant parts, etc.

Exams will be given through Canvas and each exam will be randomly generated. You will be given one hour to complete each exam.

Plant ID book (200 points)

You will be required to obtain images and samples of the plants that are covered in the lectures. More detail about the plant book will be discussed in class.

Final project (150 points)

The final project will be a simple landscape design, using the plants you have learned in class and labs. *You will not be judged on the aesthetics of the design.* Grading will be on comprehension of the plants and how they could be utilized in a design. More information about this will be presented prior to the project being assigned.

ACADEMIC MISCONDUCT and PLAGIARISM

Academic misconduct including plagiarism will not be tolerated in the Plant and Environmental Sciences Department. The Department follows the policies and procedures pertaining to academic misconduct and plagiarism found in the NMSU Student Code of Conduct available online at <https://studenthandbook.nmsu.edu/>

Students at NMSU are expected to observe and maintain the highest academic, ethical, and professional standards of conduct. Any student found guilty of academic misconduct shall be subject to disciplinary action. Academic misconduct includes, but is not limited to, the following actions:

1. Cheating or knowingly assisting another student in committing an act of cheating or other forms of academic dishonesty;
2. Plagiarism, which includes, but is not necessarily limited to, submitting examinations, themes, reports, drawings, laboratory notes, undocumented quotations, computer-processed materials, or other

material as one's own work when such work has been prepared by another person or copied from another person;

3. Unauthorized possession of examinations, reserve library materials, or laboratory materials;
4. Unauthorized changing of grades on an examination, in an instructor's grade book, or on a grade report; or unauthorized access to academic computer records;
5. Nondisclosure or misrepresentation in filling out applications or other university records in, or for, academic departments or colleges.

Academic Misconduct Class Policy:

Cheating will not be tolerated on any class activity. Any student caught cheating will receive **zero** points for the activity. In addition, the student may be asked to leave the class, or the student may be subjected to further disciplinary action at the university level (e.g., hearing with possible dismissal from the university). Plagiarism is a crime, in addition to being academically dishonest, and will not be tolerated. Plagiarism can be committed unintentionally by quoting or copying others' works without providing the proper credit (literature citations). Ask the instructors for help if you are unsure about plagiarism. Plagiarism is easy to spot; please just don't do it. When in doubt, use a citation within the text to indicate you are using someone else's work, ideas or thoughts.

STUDENTS WITH DISABILITIES:

If you have (or believe you have) a disability and would benefit from classroom accommodation(s), please contact the Services for Students with Disabilities (SSD) Office located at Corbett Center, Room 208 [Phone: 646-6840; TTY: 646-1918, sas@nmsu.edu]. Trudy Luken is coordinator.

Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact:

Trudy Luken, Director

Student Accessibility Services (SAS) - Corbett Center Student Union, Rm. 208

Phone: (575) 646-6840 E-mail: sas@nmsu.edu Website: <http://sas.nmsu.edu/>

Student Responsibilities:

1. Register with SAS and obtain accommodation documents early in the semester;
2. Deliver the completed accommodation and Examining form(s) to the instructor(s) within the first two weeks of beginning of classes (or within one week of the date services are to commence);
3. Retrieve the signed form(s) from faculty and return to SAS within (5) days of the receipt from faculty and at least one week before any scheduled exam; and,
4. Contact the SAS Office if the services/accommodations requested are not being provided, not meeting your needs, or if additional accommodations are needed. Do not wait until you receive a failing grade. Retroactive accommodations cannot be considered.

Faculty Responsibilities

1. Sign the *ACCOMMODATION REQUEST FORM* and *EXAMING ACCOMMODATION FORM* (when presented), retain a copy, and return the original to the student within five (5) working days of receipt;
2. Contact SAS immediately if there are any questions or disputes regarding accommodation(s), disruptive behavior, etc.; and,
3. Refer the student to SAS for any additional accommodations.

Discrimination Policy

NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on discrimination issues, Title IX, Campus SaVE Act, NMSU Policy Chapter 3.25, NMSU's complaint process, or to file a complaint contact:

Lauri Millot, Director and Title IX Coordinator

Agustin Diaz, Associate Director, Title IX Deputy Coordinator

Office of Institutional Equity (OIE) - O'Loughlin House, 1130 University Avenue

Phone: (575) 646-3635 E-mail: equity@nmsu.edu

Website: <http://eeo.nmsu.edu/>

Other NMSU Resources:

NMSU Police Department: (575) 646-3311 www.nmsupolice.com

NMSU Police Victim Services: (575) 646-3424

NMSU Counseling Center: (575) 646-2731

NMSU Dean of Students: (575) 646-1722

For Any On-campus Emergencies: 911

Week	Date	#	Topic	Assignments & Notes
1	Aug. 19	1	Introduction and plant nomenclature	Get: Book Log in to Canvas
2	Aug. 24	2	Plant nomenclature and phylogeny How to identify plants	Choose brochure plants
	Aug. 26	3	Leaf, bud, and stem morphology	
3	Aug. 31	4	Plant list #1	
	Sept. 1	5	Flower & fruit morphology	
4	Sept. 7	6	Labor Day-No Class!	
	Sept. 9	7	Cactus and Succulents, Review for Exam 1	
5	Sept. 14	8	Plant list #2	Brochures due, choose presentation dates
	Sept. 16	9	Exam 1	
6	Sept. 21	10	Plant list #3	
	Sept. 23	11	Plant propagation, growth and life spans	
7	Sept. 28	12	Plant list #4	
	Sept. 30	13	Plant nutrition, plant presentations	Presentations due
8	Oct. 5	14	Plant list #5, Plant presentations	Plant ID book, Voluntary due date: 25 plants due
	Oct. 7	15	Plant presentations, Review for Exam 2	
9	Oct. 12	16	Plant list #6	
	Oct. 14	17	Exam 2	Last day to drop with a W 10/16
10	Oct. 19	18	Plant list #7	
	Oct. 21	19	Plant presentations	
11	Oct. 26	20	Plant list #8	
	Oct. 28	21	Landscape Design Pt. 1	
12	Nov. 2	22	Plant list #9	
	Nov. 4	23	Landscape Design Pt. 2, Review for Exam 3	
13	Nov. 9	24	Plant list #10	
	Nov. 11	25	Exam 3	
14	Nov. 16	26	Plant list #11 Discuss final design project	Plant ID book, Voluntary due date: 50 plants due
	Nov. 18	27	Maintenance and Pruning	
15	Nov. 23	28	Thanksgiving Break - No Classes or Lab	
	Nov. 25	29		
16	Nov. 30	30	Final design presentations	Final design projects due!
	Dec. 2	31	Final design presentations	
17	Dec. 7	32	Plant ID book due! 10:30am	

Tentative course schedule (subject to change!)