FNR4623C – Integrated Natural Resource Management
(3 Credits)
Fall 2025

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Course Description:

Students will use integrated problem solving by applying biological, ecological, quantitative, economic, and administrative principles in solving complex natural resource management problems, leading to a comprehensive management plan for an actual property.

Course Objectives:

To synthesize and apply natural resource management principles learned in curriculum

To gain experience practicing professional ethics and behavior when interacting with landowners and natural resource professionals

Enhance student confidence in management skills and develop an understanding of what it means to be a professional resource manager

Develop skills and strategies for working effectively as a team

Course Format:

Class Period: TBA

Class time will include discussion related to progress towards the development of a comprehensive management plan with occasional guest speakers or review lectures.

LAB: There will be several labs throughout the semester. Dates/Times will be determined by students. In some cases, students will need to coordinate with the landowner to get clearance or access to the property. Also, there will be visits to the property on weekend days.

This is a 'problem-solving' class in which students are formed into teams, are given a real problem to solve, and make a written presentation of the solutions which will be presented to the client. Learning will be accomplished through the student experience of solving a real natural resource problem for a client. Think of this as your first consulting job. Some brief introductory materials will provide some guidance to the problem-solving process, but students in the course are encouraged and expected to

work with little supervision.

Required Text:

None; Supplemental Reading will be handed out by the instructors as needed

On-line Resources:

An e-learning site for this course is available through CANVAS. Here you will have an opportunity to share documents and discussions with your classmates. General announcements from the instructors to students will also be posted here.

Attendance:

Attendance is the most constructive method to develop the skills related to Integrated Resource Planning & Management. Attendance at formal class meetings is mandatory in the sense of attendance at a meeting called by your supervisor is mandatory in a job situation. A participation score based on attendance and contribution to the development of the final product will be given. All excused absences from class or lab must have prior approval from the instructors. Also, classmates must be notified prior to absence.

Grading Policy:

Grades will be based on the content and presentation of the following materials:

1. 1st drafts of each plan section (individual grades)	75 pts
2. 2nd drafts of each plan section (individual grades)	75 pts
3. Instructor evaluation of Final management plan	200 pts
4. Instructor evaluation of Final presentation	100 pts
5. Client response to plan and team performance	75 pts
6. Individual peer assessments of other team members	25 pts
7. Participation/Attendance score	50 pts

Because you are submitting a management plan to a real set of stakeholders, we expect nothing short of excellence. In the real world, the results of your efforts would be clear and failure to produce anything short of a top-quality document would result in a withholding of payment. In that sense, you will not receive a final grade until the document and presentation are of a suitable quality to provide to the landowner/stakeholder. Failure to produce a professional document by the end of the semester will result in an incomplete grade until satisfactory completion of the assignments are met. You have plenty of opportunity to receive feedback and revise drafts of your work throughout the semester, and we have no doubt a final document of high quality can be achieved within that timeframe.

Letter grades will be assigned as follows: A (93-100), A^- (90-92), B^+ (86-89), B (83-85), B^- (80-82), C^+(76-79), C (73-75), C^-(70-72), D^+(66-69), D (63-65), D- (60-62), F (<60)

A complete explanation of the UF Grading policies can be found at:
Grades and Grading Policies < University of Florida

Late Policy

It is critical that your first drafts be submitted in a timely manner. Assignments turned in on paper or electronically by the start of class are considered on time. After that, late assignments will lose value at the rate of 10% for the first late day and 5% for each subsequent late day (**weekend days count too!**).

Professionalism:

Students are expected to act in a professional manner while participating in this class. Instructors reserve the right to reduce student grades or withdraw the student from a class for unprofessional behavior or disorderly conduct. Disorderly conduct is any behavior which disrupts the regular or normal functions of the University community, including behavior which breaches the peace or violates the rights of others.

Professors **will not tolerate** groups that do not work together and complete assignments. If you have difficulties or problems, do not wait to seek advice and assistance. If the group cannot perform its assigned duties, the likelihood of completing the management plan is reduced. This integrated management plan is a detailed and complicated project, but one that is designed to help the student prepare for real world assignments. The plan is a real assignment and beneficial to the landowner when done properly. *Work well, work together and enjoy the project!*

General Notices to Students

https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/

TENTATIVE Schedule of Activities and Assignments

(Individual assignments and due dates will be determined once specific objectives for the property and an outline of the management plan have been developed).

Week of:	**Topics, Activities, and Assignments due:**
Week 1	Review example management plans
Week 2	Develop an outline of mgmt plan, timeline, and due dates (fill in TBA's below) Meet with landowner.
Week 3	TBA
Week 4	TBA
Week 5	TBA
Week 6	First draft of all sections due

Week 7	TBA
Week 8	TBA
Week 9	TBA
Week 10	Second draft of all sections due
Week 11	TBA
Week 12	TBA
Week 13	Practice presentation (to faculty, staff)
Week 14	Thanksgiving
Week 15	Presentation to landowner/stakeholders; Final management plan due to instructor December 1st; Presentation due before Dec. 3rd