

## **PLS (NRRM) 101 Introduction to Natural Resources & Recreation Management**

Spring 2012, 3 Credits, SEC 201 (CRN 4773)

T/R: 9:30 – 10:45 am

Room: Morrow Library 122

### **Instructor**

Min Kook Kim, Ph.D.

Office: Prichard Hall 212

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Telephone: 304-696-3748

Office Hours: W: 01:00 – 03:30 pm, T/R: 10:50 – 11:50 am

Other times by appointment

### **Required Texts and Readings**

- 1) Main Text: Weekly reading materials will be assigned by the instructor.
- 2) Recommended, but not required: (1) Cole, D.N. & Yung, L. (2010). *Beyond Naturalness: Rethinking Park and Wilderness Stewardship in an Era of Rapid Change*. Washington, D.C.: Island Press. (2) Hammitt, W.E. & Cole, D.N. (1998). *Wildland Recreation: Ecology and Management* (2<sup>nd</sup> Ed.). New York: John Wiley & Sons.

### **Course Description**

The course is designed to help students of all disciplines to understand the principles and techniques used to manage recreation opportunities in natural resource settings. This course focuses on understanding problems that arise in natural resource settings as a result of recreational use and how these problems can be managed. The inherent problem of dual mission, impact components, impact trends and patterns, monitoring techniques, and management alternatives including site and visitor management practices will be introduced and discussed. In addition, management frameworks such as the Recreation Opportunity Spectrum (ROS) and the Limits of Acceptable Change (LAC) will be explored via a series of lectures. More than half of the class time will be devoted to group discussion/presentation on the basis of the instructor's weekly questions.

### **Course Student Learning Outcomes and Assessment Measures**

Upon completion of this course, students will be able to do the following:

- 1) Understand multidisciplinary characteristic of natural resource/recreation management
- 2) Identify recreational impact related to ecological/natural resources and visitor experiences

- 3) Understand current conceptual frameworks and mechanism of recreation resource management based on “carrying capacity” concept
- 4) Apply proper site/visitor management techniques through strategic planning/management

**Each student learning outcome will be assessed in the following manner:**

- 1) Classroom lecture
- 2) Student led discussion and group activity
- 3) Individual reading and article review
- 4) Examinations

**Course Requirements**

- 1) **Exams**: There will be two in-class exams during the semester.
- 2) **Article Review**: Students will be required to review a research paper assigned by the instructor. The instructor will provide instructions for the expected content of assignment.
- 3) **Attendance and Group Discussion/Activity**: Almost every week, students will be required to have a group discussion based on the questions that the instructor provides. The instructor will provide instructions for the group discussion, but individual students must perform the responsibilities of presenter and writer at least more than ***five times***, in order to obtain full class participation point.

**Grade**

Exam 1 (30 pts.)

Exam 2 (30 pts.)

Article Review (20 pts.)

Attendance (10 pts.)

Group Discussion/Activity (10 pts.)

**Total: 100 pts.**

**Grading Scale**

100 – 90	A
89 – 80	B
79 – 70	C
69 – 60	D
59 – 0	F

## **Policies and Expectations**

- 1) ***Attendance and Group Discussion/Activity***: Attendance will be part of your grade as noted above. If students miss more than 30 percent of the lectures, the instructor reserves the right to summarily assign you a failing grade for the course. In addition, 10 percent of the grade for this course is comprised of group discussions and activities, most of which will be completed in class. Student will not be allowed to make-up in class discussions and activities missed due to unexcused absences. Absences will only be excused if they have been pre-approved by the instructor or if the student is able to document a valid reason for their absence (i.e. illness, death in family, automobile accident, the Dean of Students, etc.).
- 2) ***Class participation*** is essential for the successful completion of the course. Students are expected to read the assigned papers prior to class and to come to class ready to discuss what they have read. In the absence of meaningful classroom discussions/activity, quizzes may be given to ensure that readings have been done.
- 3) ***Class materials*** can be found at MU-online (<http://www.marshall.edu/muonline>). The instructor will upload all lecture and class discussion files (pdf format) at MU-online in a timely manner. It is mandatory that students monitor the MU-online for updated class materials at least once a week.
- 4) ***Assignment*** (journal article review) is expected to be professionally presented according to the following guidelines:
  - Type all papers, strictly following the content and length requirements for that assignment.
  - Double space all papers unless the assignment instructions specifically state otherwise.
  - Indent each paragraph.
  - Use one-inch margins.
  - Use 12-point Times New Roman or Arial font.
  - The first page should include your name, the date, name of the assignment, and the course and section number single-spaced and left justified (Unless otherwise stated in the assignment instructions)
  - Each page of an assignment should contain your last name and the page number in the header.
  - Spell-check and proofread your papers and exams. Spelling and grammar, as well as content, will be considered in assigning grades.
  - For more detailed information, please check the samples of the article review assignment that will be provided by the instructor (Jan. 24).

- 5) **Late Submission** is strongly discouraged. Assignment not submitted to the instructor on the specified due date (**Mar. 15**) will be considered late. Late assignment will be accepted with a penalty of 25 percent for each day that the assignment is late. Exceptions to this policy will be made only for extraordinary circumstances that are cleared with the instructor ahead of time or with documentation when advance notice is not possible (Assignment placed in my campus mailbox or slid under my office door will not be accepted after the deadlines).
- 6) **Classroom Etiquette**: Students are expected to exhibit proper classroom etiquette. This means, among other things, that classroom discussions should be appropriate and respectful, cell phones should be turned off and put away at all times, newspapers and other non-class related reading materials should not be on desks, and students should not pack-up to leave until class has been dismissed. Failure to exhibit proper classroom behavior will affect your participation grade.
- 7) **Academic Integrity /Dishonesty Policy**: Dishonesty of any kind with respect to examination, course assignments, alteration of record, or illegal possession of examinations shall be considered cheating. Offering the work of someone else as one's own is plagiarism. Anyone found cheating or violating these policies is subject to failure for the course. All students should be familiar with the university's policy concerning academic dishonesty. This policy can be found on pp. 67 – 69 of the undergraduate catalog [http://www.marshall.edu/catalog/undergraduate/ug\\_11-12\\_published.pdf](http://www.marshall.edu/catalog/undergraduate/ug_11-12_published.pdf). or on pp. 48 – 50 in the fall 2011 online graduate catalog [http://www.marshall.edu/catalog/graduate/F2011/Gr\\_2011-2012\\_published.pdf](http://www.marshall.edu/catalog/graduate/F2011/Gr_2011-2012_published.pdf).
- 8) **Students with disabilities**: Marshall University is committed to equal opportunity in education for all students, including those with physical, learning, and psychological disabilities. University policy states that it is the responsibility of students with disabilities to contact the Office of Disabled Student Service (DSS) in Prichard Hall 117, phone 304-696-2271, to provide documentation of their disability. Following this, the DSS Coordinator will send a letter to each of the student's instructors outlining the academic accommodation he/she will need to ensure equality in classroom experiences, outside assignment, testing and grading. The instructor and student will meet to discuss how the accommodations requested will be provided. For more information, please visit <http://www.marshall.edu/disabled> or contact Disabled Students Services Office at 304-696-2271.
- 9) **University Computing Services' Acceptable Use Policy**: All students are responsible for knowing this policy, which can be found on the web at <http://www.marshall.edu/ucs/CS/acceptuse.asp>.

- 10) **Affirmative Action Policy:** This course will follow Marshall University’s policy on Affirmative Action, which can be found on p. 64 of the 2011– 2012 undergraduate catalog [http://www.marshall.edu/catalog/undergraduate/ug\\_11-12\\_published.pdf](http://www.marshall.edu/catalog/undergraduate/ug_11-12_published.pdf), or on p. 36 of the fall 2011 graduate catalog [http://www.marshall.edu/catalog/graduate/F2011/Gr\\_2011-2012\\_published.pdf](http://www.marshall.edu/catalog/graduate/F2011/Gr_2011-2012_published.pdf). Specifically, all students will be afforded equal opportunity without regard to race, color, sex, religion, age, disability, national origin, or sexual orientation.
- 11) **Inclement Weather Policy:** Students can find information concerning Marshall’s policy regarding inclement weather on pp. 65 – 66 of the 2011 – 2012 undergraduate online catalog [http://www.marshall.edu/catalog/undergraduate/ug\\_11-12\\_published.pdf](http://www.marshall.edu/catalog/undergraduate/ug_11-12_published.pdf), or on pp. 37 – 38 of the fall 2011 graduate catalog [http://www.marshall.edu/catalog/graduate/F2011/Gr\\_2011-2012\\_published.pdf](http://www.marshall.edu/catalog/graduate/F2011/Gr_2011-2012_published.pdf).
- 12) **Resources:** Students who find themselves in need of additional assistance are reminded that the instructor is available during office hours. Again, the instructor’s office hours during the spring 2012 semester are as follows: W: 01:00 – 03:30 pm, T/R: 10:50 – 11:50 am.
- 13) **Course Evaluation:** Final student course evaluation will be conducted during the last two weeks of the semester in a manner that maintains the integrity of the process and the anonymity of evaluators.

\*\*\* For more details about the University Policy, please visit

[http://www.marshall.edu/academic-affairs/?page\\_id=802](http://www.marshall.edu/academic-affairs/?page_id=802).

### Tentative Course Outline

PLS 101 (NRRM 101): Natural Resources and Recreation Management		
Date	Day	Topic/Assignment
Jan. 10	T	Introduction: tragedy of dual mission
Jan. 12	R	Group discussion # 1: Dual mission in resource management
Jan. 17	T	Recreation and resource impact
Jan. 19	R	Group discussion # 2: recreation and resource impact
Jan. 24	T	Impact to wildlife/water <i>Guideline for “Article Review”</i>
Jan. 26	R	Group discussion # 3: impact to wildlife/water
Jan. 31	T	Impact to soil/vegetation
Feb. 02	R	Group discussion # 4: impact to soil/vegetation

Feb. 07	T	Recreation impact pattern
Feb. 09	R	Group discussion # 5: recreation impact pattern
Feb. 14	T	Trends in recreation use and impact
Feb. 16	R	Group discussion # 6: trends in recreation use and impact
Feb. 21	T	Impact factor 1: environmental durability
Feb. 23	R	Group discussion # 7: environmental durability
Feb. 28	T	Impact factor 2: visitor use Group discussion # 8: visitor use <u><i>Exam Overview</i></u>
Mar. 01	R	<b>EXAM #1</b> (lecture room)
Mar. 06	T	Strategies and concepts of management
Mar. 08	R	Group discussion # 9: recreation resource management
Mar. 13	T	Monitoring recreation impact
Mar. 15	R	Group discussion # 10: Monitoring recreation impact <u><i>Due for "Article Review"</i></u>
Mar. 20/22	T/R	<b>NO CLASS</b> – Spring Break
Mar. 27	T	Visitor management philosophy/strategies
Mar. 29	R	Group discussion # 11: visitor management
Apr. 03/05	T/R	<b>NO CLASS</b> – the instructor will be in New York for an academic conference presentation
Apr. 10	T	Site management philosophy/strategies
Apr. 12	R	Group discussion # 12: site management
Apr. 17	T	Multidisciplinary characteristic of natural resource management
Apr. 19	R	Group discussion # 13: natural resource management
Apr. 24	T	Lasting impact, conclusion and overview 1
Apr. 26	R	Lasting impact, conclusion and overview 2
May 01	T	<b>EXAM #2</b> (lecture room)