

## PLS (NRRM) 411/511 Planning and Design in NRRM

Spring 2017, 3 Credits, SEC 201 (CRN 4840)

Tuesday: 4:00 – 6:20 pm

Room: Prichard Hall 200

### Instructor

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Office Hours: M/T/W: 09:50 – 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) Bell, S. (2008). *Design for Outdoor Recreation* (2<sup>nd</sup> Ed). Taylor & Francis, INC. 2) Douglass, W. R. (2000). *Forest Recreation* (5<sup>th</sup> Ed). Prospect Heights, IL: Waveland Press, INC.

### Course Description

The course is designed to help students understand the concepts and principles of park/recreation planning and design. Various concepts regarding park/recreation planning (e.g. recreation demand/supply, interrelationships between uses, environmental conditions, site selection) will be reviewed. The second part of the course examines designing principles of recreational infrastructure (e.g. parking, toilet, picnic area, playground, trail). In addition, geospatial technology and mapping software will be utilized to implement the design principles reviewed. In order to provide students with more hands-on experience, this course will utilize a project-based mode; two locations (based on assumptions) will be utilized for designing and providing a quality recreation opportunity.

### Natural Resources/Recreation Management Discipline-Specific Learning Outcomes

Students will *demonstrate* the ability to *identify* natural resource and or/recreation management problems, *propose* appropriate management actions to address those problems, and *evaluate* the potential implications of their proposed management actions.

## Course Student Learning Outcomes and Assessment Measures

Upon completion of this course, student will be able to

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Understand the concept of park/recreation planning and how information for planning could be collected at various scales.	In-class examples/materials, student-led group discussion	Group discussion/activity, group project, individual project
Plan quality recreation opportunities under certain conditions using the concept of park/recreation planning.	In-class examples/materials, student-led group discussion	Group discussion/activity, group project, individual project,
Understand major designing principles for parks and recreation areas, and employ geospatial technology for designing outcome.	In-class examples/materials, student-led group discussion, low-stakes writing, lab. exercises	Group discussion/activity, group project, individual project, article review
Plan and conduct presentations in appropriate style and technical principle.	In-class examples/materials, student-led group discussion	Group project, individual project

## Course Requirements

- 1) **Group Discussion/Activity**: Each week, students will have a group discussion based on questions regarding the course contents. The instructor will provide the questions and instructions for the group discussion. Each student must perform the responsibilities of being a presenter or a writer more than **three times** during the semester, in order to obtain full class participation point.
- 2) **Group Presentation (the first location)**: Each group (4-5 students) is expected to prepare *max. 20-minute power point presentation* by applying the concepts and principles covered in the class. The format and content of the group presentation will be discussed later.
- 3) **Individual Poster Presentation (the second location)**: Students are required to develop and design a final poster for presentation/exhibition (a poster panel will be provided).

1st draft should be delivered to the instructor by April 11 as a digital format. Based on the instructor feedback, revised 2nd draft should be delivered again by April 18. As noted, the final poster presentation is scheduled on April 24.

- 4) **Journal Article Review**: Students will be required to review a journal article during the semester. The instructor will provide instructions for the expected style of assignment as well as the sample of the review assignment.
- 5) **Attendance & Participation**: Attendance will be part of student's grade as noted below. 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, 20 percent of the grade for this course is comprised of group discussions/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.).

### **Grade**

Individual Poster Presentation (30% = Instructor 20% + Peer evaluation 10%)

1st Draft of Individual Poster (digital format, 5%)

2nd Draft of Individual Poster (digital format, 5%)

Group Presentation (20% = Instructor 15% + Peer evaluation 5%)

Journal Article Review (10%)

Attendance (10 %)

Group Discussion/Lab Exercise Activity (20 pts.)

**Total: 100 pts.**

### **Grading Scale**

100 – 93	A
92.9 – 85	B
84.9 – 77	C
76.9 – 70	D
69.9 – 0	F

### **Additional Policies and Expectations**

- 1) ***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.
- 2) ***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.
- 3) ***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 are as follows: **M/T/W: 09:50 – 11:50 am.**
- 4) ***Course Evaluation***: Mid-semester evaluation will be done by the instructor to identify students' suggestions on the course (i.e. pace and topic/subject of the course). 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 (online format).

**Course Outline** (Please note this is a tentative schedule and it may change upon class progress)

<b>PLS 411 (NRRM 411) Planning and Design in NRRM</b>		
<b>Date</b>	<b>Topic</b>	<b>Assignment</b>
Jan. 10	Introduction & Overview	
Jan. 17	Planning: Demand & Supply <u>Group Discussion #1</u>	
Jan. 24	Planning: Recreation Opportunity Spectrum <u>Group Discussion #2</u>	
Jan. 31	Planning: Site Selection and Analysis <u>Group Discussion #3</u>	<i>Guideline for "Journal Article Review"</i>
Feb. 07	Design: Design Concepts for Parks and Recreation <u>Group Discussion #4</u>	
Feb. 14	Design: Design Principles I <u>Group Discussion #5</u>	<i><u>Schedule for Group Project</u></i>
Feb. 21	Design: Design Principles II <u>Group Discussion #6</u>	
Feb. 28	Design: GIS Analysis I <u>Lab Exercise # 1</u>	<i>Article Review Due</i>
Mar. 07	Design: GIS Analysis II <u>Lab Exercise # 2</u>	
Mar. 14	<b>Group Project Presentation</b> (ppt presentation)	
Mar. 21	<b><i>No Class (Spring Break!)</i></b>	
Mar. 28	Poster Design & Layout I Lab Exercise #3	
Apr. 04	Poster Design & Layout II Lab Exercise #4 Note: The instructor will be in Norfolk (VA) for the 2017 George Wright Society Conference	
Apr. 11	<b>Project Preparation</b> Note: The instructor will be in the lecture room during the class times.	<i>1st draft due (digital format)</i>
Apr. 18	<b>Project Preparation</b> Note: The instructor will be in the lecture room during the class times.	<i>2nd draft due (digital format)</i>
Apr. 26	<b>Individual Project Presentation</b> (poster presentation)	<i>Final Poster</i>