GEORGE MASON UNIVERSITY  
School of Recreation, Health, and Tourism  
PRLS 405-001—Planning/Design/Maintenance-Recreation Facilities (3)  
Spring 2010

DAY/TIME: M 1:30-4:10 p.m.  
LOCATION: BULL RUN HALL 249

INSTRUCTOR: Ronald L. Carmichael  
OFFICE LOCATION: OCCOQUAN BUILDING, 217H  
PHONE NUMBER: (703) 993-8484

EMAIL ADDRESS: rcarmic1@gmu.edu

OFFICE HOURS: W 2:45-3:45, R 2:00-3:00  
FAX NUMBER: (703) 993-8360

PREREQUISITES:  
PRLS 310

COURSE DESCRIPTION  
Principles and techniques of planning, design and maintenance associated with parks, recreation and sports facilities. The course will cover the facility planning process and design standards for facilities. The importance of market analysis in facility planning and design, programmatic and operational objectives to be met, including user comfort and convenience, crowd management and traffic flow. A variety of leisure facilities will be examined including recreation centers, health clubs, athletic field complexes, playgrounds and golf courses.

COURSE OBJECTIVES  
At the completion of this course students should be able to:

1. Describe the process for developing parks and recreation facilities for a community.

2. Discuss the role of market analysis in facility planning and its importance in helping a facility realize its use and revenue potential.

3. Identify the factors of site and facility design that have the greatest impact on the operation, revenue potential and use of a variety of recreation and athletic facilities.

4. Function as a productive member of a facility management team.

REQUIRED READINGS  

Other readings will be required prior to participation in weekly class discussions. These readings will be distributed in class.

EVALUATION  

Requirements

1. Semester Project (150 points)

2. Exam #1 (150 points)

3. Exam #2 (200 points)
Make up examinations will be conducted ONLY if prior permission is granted by the instructor or student has a written doctor's excuse.

**Grading Scale**

The following semester point accumulation scale will be used by the instructor as a guide for determining the final grade:

- 500 to 460 = A
- 459 to 450 = A-
- 449 to 440 = B+
- 439 to 410 = B
- 409 to 400 = B-
- 399 to 390 = C+
- 389 to 350 = C
- 349 to 300 = D
- 299 and Below = F

**COURSE OUTLINE**

*Tentative Master Schedule - Fall Semester*

- Week of Jan. 25  Administrative Overview and Course Requirements
- Week of Feb. 1  Needs Assessments
- Week of Feb. 8  Feasibility Studies
- Week of Feb. 15 Financial Resources and Budget Planning
- Week of Feb. 22 Pre-Design Planning
- Week of Mar. 1  **Exam # 1**
- Week of Mar. 8  **Spring Break – No Class**
- Week of Mar. 15 Facility Design/Tour of Freedom Center
- Week of Mar. 22 Athletic Fields and Playgrounds
- Week of Mar. 29 Sales, Memberships and Front Desk Operations
- Week of Apr. 5  Fitness Facility Operations and Management
- Week of Apr. 12 Aquatic Facility Operations and Management
- Week of Apr. 19 Potpourri – Ancillary Area Planning & Design
- Week of Apr. 26 Facility Maintenance Management
- Week of May. 3  **Class Project & Exam #2**

*Note: Master schedule subject to change by Instructor.*

- All students are held to the standards of the George Mason University Honor Code.

- **STUDENTS WITH DISABILITIES:** Students having documentation on file with the Disability Support Services Office should bring this to the attention of your instructor.

- [http://www.gmu.edu/departments/hfr/HFRRNet/HFRRNet Announcements.htm](http://www.gmu.edu/departments/hfr/HFRRNet/HFRRNet Announcements.htm)