

Course discipline/number/title: PHED 2281: Development and Management of Sports/Recreation Facilities

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 3
3. Prerequisites (Course discipline/number): None
4. MnTC Goals (if any): NA

This course is designed to give students a general overview of the guidelines associated with the development of new and/or renovating sports facilities. The course will explore the early planning stages and then progress through the necessary steps for the proper planning of new facilities. Each student will engage in classroom, out of classroom, lecture, and discussion about the strategies that need to be implemented for developing the facility plan, designing a new facility and carrying the project through to completion. Field trips are arranged. Completion of PHED 2280 is recommended before enrolling in this course.

B. DATE LAST REVISED (Month, year): November, 2017

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Developing a Master Plan for Planning & Designing Facilities
2. Safety and Risk Management
3. ADA-Americans with Disabilities Act and Building Codes
4. Indoor / Outdoor Courts, Surfaces and Field Space Development
5. Weight Rooms, Fitness Centers, Combative Sport Areas and Dance Space Development
6. Developing Ancillary Spaces To Meet Needs of Overall Facility
7. Sports Medicine and Rehab Areas
8. Playground Development
9. Aquatic Facility Development
10. Recreational Sports Center Purpose and Development
11. Designing Camping and Winter Sport Areas
12. Lighting, Sound and Technological Requirements and Options for Facility Use

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Develop and explain the importance of and application of a Master Plan.
2. Design a variety of sport, recreational and leisure facilities to meet the needs of a specific community or demographic.
3. Explain the necessity and universal design options for incorporating ADA standards in facilities.
4. Analyze space usage, traffic patterns, consumer needs for storage, and security issues in designing a specific facility.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

Methods may include but are not limited to:

1. Participation/Attendance
2. Design Project
3. Written Assignments
4. Quizzes and Exams

G. RCTC CORE OUTCOME(S) ADDRESSED:

Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

H. SPECIAL INFORMATION (if any): None