

7.03.01

RCLS 360: Recreation Facility Planning and Environmental Design Facility Project Winter 2015 Due March 9

Assignment: (150 points)

Students will work in small groups of 3-4. Each group will develop a plan for an assigned recreation facility that will fit into an overall park system master plan for a city parks and recreation department.

Guidelines:

Students will go through a full facility design process to research, design, and develop a facility plan for a chosen recreation facility. This completed facility plan will be presented as a single document containing all the noted project components given below.

Project Components to include:

- I. Table of Contents (5 points).**
Includes main headings and page #'s.
- II. Project Overview (15 pts).**
What are you attempting to create? This will be a 1 page maximum introduction to your project.
 - Brief summary explaining your project.
 - It should cite industry statistics to support your claim for its construction. (Information found from your annotated bibliographies may help here)
 - It should also include your overall mission, vision, goals and objectives.
- III. Needs Assessment Survey and Report (25 pts).**
 - Create a needs survey focused on your facility. Include a copy. (See class notes).
 - Distribute your survey to an appropriate community sample (at least 20 respondents).
 - Develop a Needs Assessment Report (see class notes) based upon your results. Should include: Executive Summary, Purpose, Overview of Methods and Procedures, Results (use charts, graphs and descriptions), Conclusions and Recommendations.
 - Include completed surveys in appendix.
- IV. Capital Budget (30 pts).**
This is the overall cost of construction. Capital budget should include detailed descriptions and cost of all:

- Fixed Assets—property, plant, and equipment (PP&E). This is everything from land and landscaping, buildings, permanent structures, motor vehicles, equipment, and machinery.
 - Labor—estimated labor cost to build the facility.
- V. Facility Budget (15 points).**
Descriptions and an estimate of all maintenance costs for 1 year (see class notes).
- VI. Environmental and Universal Design (20 points).**
 Describe all components of both environmental and universal design for your facility project.
- Include usage of U.S. Green Building Council-LEED standards, including:
 - Sustainable Site Development
 - Water Savings
 - Energy Efficiency
 - Materials Selection
 - Include usage of ADA standards that relate to your facility, including:
 - Accessible Routes
 - General Site and Building Elements
 - Communication Elements and Features
 - Recreation Facilities
- VII. Risk Management Plan (15 pts).**
- Identify Risks—**both Public Liability Caused by Negligence and Property Exposures** (use of the Impact Table as discussed in class is a good way to do this).
 - Identify how you will mitigate the risk (this should be supported by common practices in the field).
- VIII. Site Map (15 pts.)**
 This is an electronic representation of the facility and facility layout. This will be your primary visual piece during your presentation. It should also show site location on a satellite map.
- IX. Bibliography, Appendix, References (Follows Written Policy Procedures) (10 pts.).**
- X. Facility Project Self-Assessment (-10 points on individual grade if not included).**

Criteria:

- Follow all Grading, Evaluation and Written Assignment Policies as noted in syllabus
- Follow all Guidelines noted above.

- Turn in on due date