

Public Park Design

THE CHALLENGE

Parks provide people with a place to get together, play, or just escape into nature and relax. On a deeper level, parks revitalize communities, drive economic growth, promote community safety and engagement. Overall, parks support smart growth and the health and wellbeing of the community.

You are challenged to create a public park design for your local community. Your design needs to provide community members of multiple age groups with spaces to gather and play. Your park should be no larger than 10 acres.

Your design must include the design elements listed below. Make sure to consider sustainability and environmental impacts of your design. As a designer, think about how you can use these traditional park elements in a creative and innovative way that takes into consideration sustainability and environmental impact in addition to the community needs.

SOFTWARE

Autodesk® AutoCAD®

DESIGN FIELDS

Landscape Architecture, Urban Planning, Public Works

LEVEL

Beginner

RELATED DESIGN ACADEMY PROJECTS

Green Space: Urban Planning

DESIGN CRITERIA

- Trees and Plantings
- Water Feature
- Benches
- Walk-Jog-Bike Paths
- Lighting
- Drinking Fountain
- Trash and Recycling
- Restrooms
- Parking
- Bike Racks
- Concert or Art performance area
- Community Garden (optional)

AUTOCAD SKILLS:

1. UI Navigation
2. Coordinate Entry
3. Drawing Tools
4. Move Objects
5. Modify Tools
6. Output

PRESENTATION REQUIREMENTS:

- Concept sketches
- Printed AutoCAD site plan: 1/16" = 1'-0" scale. Label all site elements and include a north arrow.
- Design title and statement: Describe your design intent and ideas for your park in 100 words or less.