

Introduction to Urban Design

**I. Why is studying urban design important?**

- A. To be an informed citizen at public hearings
- B. To become more active and informed in workshops for city planning
- C. To gain an understanding of the systems and professional terms urban planners utilize.

**II. What is good urban design?**

- A. Romans: Learning, Culture, Trade
- B. Medieval: Trade, Government, security
- C. Renaissance : classical: geometry, order, proportion, urban fabric
- D. Form and Function: Rives, Hilltops, Greeks.

**III. History of town planning**

- A. Laws of the Indies 1573
- B. The Ordering of Towns 1635
- C. The Roman town planning

**IV. Early town planning: 19th, 20th, and modern**

- A. Rise of Industrialization and the effects on city planning
- B. Technology changes city planning in the late 1800s

**V. Design of Washington DC**

- A. Major Pierre Charles L'Enfant city plans for DC.
- B. McMillan Commission DC. Plans

**VI. Design of Miami, FL**

- A. The history the city planning: agriculture, railroad, and hurricanes
- B. What can we learn
- C. Transportation and the affects on health.

**VII. Designing Systems**

- A. Elements of an urban design environment.
- B. Systems and Forms and their relationships
- C. Parks and green spaces systems. i.e. Boston park Emerald Necklace
- D. Grids, radials, and flat

**VIII. Urban Elements and Forms**

- A. Public infrastructure
- B. Natural systems
- C. Form and function on large and small scales

**VIII. Workshop: How would you design your perfect city**

- A. Systems: transportation, food, shelters, water, sewer
- B. Programming
- C. Green spaces.