

Lecture Outline

Revised 04/21/10

Topic: Universal Design
Presenter: Patrick W. Manley
Audience: Youngstown AIA, Other Design Professionals
Event: Lunch-n-Learn, May 25, 2010
Duration: One Hour
Handouts: Yes

Introduction: 5 minutes

Lecture, Powerpoint: First Slide

- My background
- How I became involved in Universal Design
- State of Universal Design
- Future: Scope of Market
- Similarities and Differences with ADAAG
- Inherent Costs and How to Justify and Manage Them

Seven Principles of Universal Design: 10 minutes

Lecture, Powerpoint: Multiple Slides

- Origin of the Seven Principles.
- #1 Equitable Use
- #2 Flexibility in Use
- #3 Simple and Intuitive Use
- #4 Perceptible Information
- #5 Tolerance for Error
- #6 Low Physical Effort
- #7 Size and Space for Approach and Use

Universal Design in Commercial Buildings: 10 minutes

Lecture, Powerpoint: Multiple Slides

- Concept of Way-finding
- Find Building Entrance
- Getting Your Foot in the Door
- Orientation and Wayfinding as an Indoor Sport
- Stairs, Elevators, Corridors, Restrooms
- Inner-office Accessibility Traps

Universal Design in Residential Buildings: 10 minutes

Lecture, Powerpoint: Multiple Slides

- Curb Appeal: Looks Great but How Do I Get There?
- Universal Design Entry Techniques
- Kitchens
- Bathrooms
- Laundry
- Closets

Universal Design in Public Spaces (Examples): 5 minutes

Lecture, Powerpoint: Quick Multiple Slide

- Concept of Visitability
- Parking, Parks and Playgrounds
- Playgrounds
- Shelters
- Libraries
- Sporting Events

Architect's Role in Universal Design: 10 minutes

Lecture, Powerpoint: Multiple Slides

- An Architect's Responsibility
- Influence Your Client, Don't Just Take Notes
- Synergies Between Universal Design, LEED, Historic Preservation and Adaptive Re-use, Infrastructure Improvements, Property Values and Other Architectural, Real Estate, Construction and Development Movements.
- Lead, Lead, Lead.
- Get Involved: Public Speaking, Writing, Community Groups
- Selling Universal Design

Summary: 10 minutes

Lecture, Powerpoint: One Slide

- Summarize Key Points
- Universal Design is the Ultimate in Sustainability: Sustaining People, Families and Communities
- Questions and Answers