

OLD EXAM

NEW EXAM

Material from these sections comprise the new.....

Planning and Design

Section 2- Inventory and Analysis

- Interpret Cultural, Historical, and Archeological Analysis

Stewardship and Design Principles: 17%

- Plan for Sustainability
- Plan for Climate Resiliency
- Plan for Environmental and Social Equity
- Recognize Historical and Cultural Significance

Section 3- Design

- Develop Vision or Framework Plan
- Synthesize and Apply the Site Analysis
- Perform Site Analysis and Determine Opportunities and Constraints
- Develop Land Use Plan
- Develop Site Master Plan
- Develop and Conduct Urban Plan
- Develop Strategic Implementation Plan
- Develop a Feasibility Study
- Develop Redevelopment Plan
- Develop Environmental Resources Plan
- Develop Multi-modal Transportation Plan
- Develop Parks, Open Space, and Trails Master Plan
- Develop Historic/Cultural Restoration Preservation Plan
- Develop View Corridor Plan
- Develop Design Guidelines

Master Planning: 33%

- Formulate Planning Goals
- Prepare Project Program (including budget)
- Synthesize Site Analysis
- Establish Opportunities and Constraints
- Determine Appropriate Land Use
- Develop Master Plan
- Evaluate Planning Scenarios
- Produce Planning Documents
- Establish Design Guidelines

Section 4- Grading, Drainage and Construction Documentation

- Develop Phasing Plan

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- Communicate Planning Outcomes

Section 3- Design

- Develop and Refine the Program
- Create the Basis for the Design
- Create Conceptual Design Alternatives and Scenarios
- Develop Schematic Design
- Evaluate Design Alternatives
- Refine and Synthesize Concept Alternative
- Prepare Presentation Drawings and Communication Tools
- Compile Materials Sample Board

Schematic Design: 28%

- Develop Design Intent
- Create the Basis for Design
- Prepare Functional Diagram
- Produce Conceptual Diagram
- Develop Schematic Designs
- Evaluate Design Alternatives
- Refine Selected Alternatives
- Produce Graphics, Illustrations, and Diagrams

Section 2- Inventory and Analysis

- Determine Performance Metrics

Section 3- Design

- Identify and Develop Performance Metrics
- Prepare Preliminary Quantities

Section 1- Project and Construction Management

- Prepare Cost Estimates

Design Development: 22%

- Refine Design Elements

- Determine Maintenance Implications
- Collaborate on the Design of Irrigation Systems
- Identify Required Approvals

- Develop Opinion of Probable Costs
- Evaluate Value Engineering Alternatives
- Demonstrate Understanding of Legal Liabilities