Day One

Chapter 1 – Introduction to Erosion and Sediment Control
- The Erosion Process
- Impacts of Sedimentation and Erosion
- Principles of Erosion and Sediment Control

Chapter 2 – Soils
- General Overview
- Classification and Properties
- Soil Surveys

Chapter 3 – Regulatory Overview
- Introduction
- NPDES Permitting Regulatory Requirements
- Construction Stormwater Pollution Plan Template

Chapter 4 – BMP’s for Erosion and Sedimentation Control
- Construction Sequencing
- Pollution Source Controls on Construction Sites
- Temporary Gravel Construction Exit
- Perimeter Controls
- Storm drain Inlet Protection
- Temporary Sediment Trap

Chapter 5 – BMP’s for Dewatering Operations
- Introduction
- Limitations
- Implementation
- Inspection and Maintenance

Chapter 6 - BMP’s for Stormwater Management
- Earthwork Specifications
- Retention Basins
- Exfiltration Trenches
- Porous Pavement
- Concrete Grid and Modular Pavement
- Detention Basins
- Underdrains and Stormwater Filter Systems
- Grassed Waterways and Swales
- Stormwater Conveyance Channel
Chapter 6 - BMP’s for Stormwater Management (continued)
• Paved Flume
• Diversion
• Check Dam
• Outlet Protection
• Riprap
• Grid Confinement System
• Cellular Concrete Block
• Maintenance

Chapter 7 – BMP’s – Vegetation for Erosion Control
• Surface Roughening
• Topsoiling
• Temporary Seeding
• Permanent Seeding
• Sodding
• Mulching
• Tree Preservation and Protection
• Vegetative Streambank Stabilization

Day Two

Chapter 8 - The Erosion and Sediment Control Plan
• Elements of an erosion and sediment control plan
• Implementing an erosion and sediment control plan

Chapter 9 – Inspection and Enforcement
• The role of the inspector
• Site inspection
• Regulatory Agencies

Review and Q&A Session

Examination

A minimum score of 70% is required to obtain the Florida Stormwater, Erosion, and Sedimentation Control Inspector Certification.