Course Agenda

**MODULE 1. About the ICCSPPI Certification**  (8:38 mins.)
ICCSPPI Requirements • Training Applications • Course Outline

**MODULE 2. Regulatory Requirements and SWPPPs**  (55:30 mins.)
Clean Water Act • NPDES Program • IDNR Stormwater Permits
GP#2 Contents • Inspection Requirements • Prohibited Discharges
SWPPPs • Activity Logs • Certification Statements • Sequencing
SWPPP Exercise
MS4 Regulations • Enforcement

**MODULE 3. Soils and the Erosion Process**  (41:21 mins.)
Soil Characteristics
Soil Horizons • Topsoil • Compaction Reduction
Soils and Topsoil Demonstration
Erosion Process • Soil Loss Equation • Erosion Control vs. Sediment Control

Staging Area • Stabilized Entrances • Concrete Washout
Wet Saw Cutting • Sanitary Waste • Chemical Handling & Storage and Spill Response

**MODULE 5. Erosion Control Best Management Practices**  (28:57 mins.)
SUDAS • Mulch • Hydromulch
Temporary and Permanent Seeding • Sodding • Vegetative Filter Strips
RECPs • Erosion Control Blankets • Surface Roughening • Dust Control
Erosion Control Inspection Exercise
Inlet Protection • Sediment Basins • Flocculents
Flotation Silt Curtains • Silt Fences • Filter Socks and Wattles • Check Dams
Level Spreaders • Rock Chutes and Rip Rap • Dewatering • Winter BMPs
Sediment Control Inspection Exercise

**MODULE 7. Post Construction Stormwater Management (15:33 mins.)**
Post Construction Requirements
Infiltration Practices for Water Quality • Flood Control Practices

**MODULE 8. Inspection Walkthrough (37:38 mins.)**
Inspection Basics • SWPPP Documentation • Sensitive Areas
Perimeter Sediment Controls
Erosion Controls
Good Housekeeping Practices • Temporary and Final Stabilization

**ICCSPPI Certification Exam**
**ICCSPPI Code of Ethics**

**Included Handouts**
Inspection Form Example
SWPPP Template
EPA Expedited Settlement Order Worksheet
Soil Ribbon Test Guidelines
Concrete Washout Flyer
Construction Site Pollution Prevention BMP Field Guide
Winter Button Up Flyer
Green Infrastructure: Managing Stormwater in Iowa Brochure
Stormwater Pollution Prevention for Individual Building Sites Brochure
Topsoil Requirements Flyer