

Course Descriptions

#103 Ecology for Engineers

Provides Corps personnel with the basics and state-of-the-art knowledge of ecology. Focus is on integrating ecological concepts with engineering.

Not offered in FY05

#137 Reg V – Wetland Functions & Values

An interagency course designed for employees of Federal agencies involved in the evaluation of wetland functions. It focuses on applications of the Hydrogeomorphic Approach (HGM) for assessment of wetland functions.

20-24 Jun 05 Central US

#140 Reg IV – Wetlands Identification & Delineation

An interagency course based on the current Federal Wetland Delineation Manual. It provides the student with a basic understanding of the interaction of vegetation, soils, and hydrology in wetlands in sufficient detail to apply delineation methods in routine cases.

4-8 Apr 05 Mobile, AL

#168 Ecological Resources: Identification, Analysis, & Evaluation

Provides training in defining, acquiring, analyzing, and reporting ecological resources data required to comply with laws, Executive orders, and Corps policy.

25-29 Apr 05 Vicksburg, MS

#239 Wetland Mitigation Bank Development & Management

Presents the principles of planning, design, implementation, and management of mitigation banks as a mechanism in compensating for wetland losses.

27 Jun-1 Jul 05 Orlando, FL

#263 Coastal Ecology

Provides an overview of the latest scientific and analytical techniques. Students are introduced to the basic concepts of marine/estuarine ecology, sensitive resources, experimental design, and current marine ecological techniques through a series of lectures, practical exercises, and field trips.

23-27 May 05 Monterey, CA

#264 Ecosystem Planning & Management Issues

Provides a specialized base of knowledge for effectively dealing with current major ecological issues and integrating them into an ecosystem setting.

18-22 Jul 05 Lafayette, LA

#272 Fundamentals of Wetlands Ecology

Provides an introduction and overview of basic wetland concepts and principles in the context of planning and operating civil works environmental and mitigation projects.

1-5 Aug 05 Olympia, WA

#273 Wetlands Evaluation Procedures

Provides an overview of existing wetland evaluation procedures and case study applications to wetland systems for environmental impact assessment purposes.

Not offered in FY05

#275 Wetlands Constructed for Water Quality Improvement

Provides CE personnel knowledge that is essential to construct wetlands that will achieve predetermined levels of water quality improvement. Emphasis is placed on planning, design, engineering, construction, operations and maintenance, and monitoring.

Not offered in FY05

#276 Wetlands Development & Restoration

Provides introductory training in the concepts and practices of wetlands restoration and development in freshwater and coastal areas.

#3: 30 Aug-2 Sep 04 Olympia, WA

#1: 7-10 Mar 05 Apalachicola, FL

#2: 29 Aug-1 Sep 05 Olympia, WA

#280 Interdisciplinary Training for Ecosystem Restoration

Offers training in interdisciplinary principles and topics to improve communication in ecosystem project planning.

16-20 May 05 Vicksburg, MS

#281 Riparian Zone Ecology, Restoration, & Management

Addresses planning, restoration, and management of riparian ecosystems in a variety of ecological and geographical settings.

15-19 Aug 05 Louisville, KY

#426 Wetland Riverine Functional Assess/Ecology for Project Managers Workshop

Provides project managers with an introduction to the new river ecology knowledge which is essential in meeting restoration and enhancement mitigation objectives.

4-7 Oct 04 Kallispell, MT

#439 Constructed Wetlands for Habitat Mitigation

Identifies the procedures for completion of large-scale wetland ecosystem level construction projects.

Not offered in FY05

#440 Hydrology & Construction of Mitigation Wetlands

Provides knowledge of wetland hydrology to fulfill the demand for large-scale ecosystem restoration projects.

Not offered in FY05

The Proponent-Sponsored Engineer Corps Training (PROSPECT) program, managed by the U.S. Army Corps of Engineers' Professional Development Support Center, is designed to meet unique Corps of Engineers and other governmental agency training needs.

The courses in this brochure are coordinated by the Environmental

Laboratory and address many ecological planning,



restoration, and management issues that the Corps and other agencies (Federal & State) are now facing both on project and ecosystem levels.

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For more information on courses listed in this brochure contact one of the following:

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Environmental Laboratory

PROSPECT COURSES FY05

Coordinated by the Environmental Laboratory

