

4.) Professional Capacity Building Course Catalog

This is the latest expanded version, which includes descriptions And the availability of new and on-going ITS training activities Offered for Travel Management; ITS CVO; ITS highway courses by the FHWA National Highway Institute (NHI); and ITS transit courses by the National Highway Institute (NTI). It will continue to be updated periodically, as needed. This information can now also be accessed through the WWW as follows:

JPO Home Page: <http://www.its.dot.gov/training/98catalog.htm>
FHWA Intranet: <http://fhintra.fhwa.dot.gov>

The first three reports are available from the Volpe Center free of charge. Fill in the following information and leave this form at the JPO ITS America exhibition booth, or call SuzanneSloan at 617-494-3282 or fax the Center at 617-494-2787 to order reports.

Name: _____

Organization: _____

Address: _____

Phone #: _____

Fax #: _____

Email: _____

I would like a copy of the following:

- ☐ #1) Needs Assessment Baseline
- ☐ #2) Six White Papers
- ☐ #3) Framework & Overview

ITS Professional Capacity Building Program Reports

*ITS Training & Education
Needs Assessment Baseline:
A Review and Synthesis
Of Thirteen Prior Studies,
Field Interviews, and A
Summary Assessment
Of ITS Needs*

December 1997

*Framework and Overview
For Establishing A
Professional Capacity
Building Program for
Transportation
Management and Traveler
Information Services in
Support of
ITS Deployment*

FY 1997 Edition

*Planning and Deploying
ITS: Six White Papers
Describing Current and
Planned Programs of
Five Transportation
Associations and
Four University ITS
Research Centers of
Excellence*

December 1997

ITS

Professional
Capacity
Building

Program
Course
Catalogue

FTA FHWA

U.S. DOT

1.) Intelligent Transportation Systems Training & Education Needs Assessment Baseline: A Review and Synthesis of Thirteen Studies, Field Interviews, and A Summary Assessment of ITS Needs

The purpose of this report is to provide a baseline assessment of perceived ITS training and education needs. This three-part report documents the PCB needs of current transportation professionals in the context of ITS Metropolitan Infrastructure deployment. It is based on 1) a synthesis of thirteen prior ITS education and training needs assessments; 2) supplemental field interviews with ITS practitioners; and 3) a summary assessment of PCB needs. **The findings indicate a critical need to move ahead aggressively in development and delivery of education and training at all levels to meet ITS deployment goals and objectives. While present programs provide good initial ITS training, more advanced courses are needed, many more professionals must have access to courses, and alternative approaches to learning that are grounded in the use of new information/communications technologies must be adopted.**

The PCB Program is undertaking a more comprehensive assessment of future needs. This next report will be available in early FY 1999.

2) Planning and Deploying ITS: Six White Papers Describing Current and Planned Programs of Five Transportation Associations and Four University ITS Research Centers of Excellence

The purpose of this report is to present current and planned ITS education and training activities within the following organizations: ITS America, AASHTO, APTA, NTL, ITE, and the three RCEs (Texas A&M, University of Michigan, and Virginia Tech), and the ITS Institute at the University of Minnesota.

Four questions were asked of each organization:

- **What is the organization doing now with respect to ITS education and training?**
- **How did the organization determine the current need for ITS education and training?**
- **What ITS education and training does the organization plan for the future?**
- **How does the organization determine future ITS education and training needs?**

This report presents a synthesis of the six papers, as well as complete copies of each.

3.) Framework and Overview for Establishing A Professional Capacity Building Program for Transportation Management and Traveler Information Services in Support of ITS Deployment

The purpose of this document is to describe how the “Five Year Strategic Plan for Professional Capacity Building for ITS Transportation management and Traveler Information Services” (March 1996) is being implemented in FY 1997 and FY 1998, and to present a framework for building professional capacity for FY 1999 and beyond. This document describes the program as of September 30, 1997. It incorporates the comments received from individuals within FTA and FHWA field and headquarters offices, and comments received from the National PCB Steering Committee.

This document is being updated, and we expect to re-publish it annually.