APTI-Learn & Other Training Resources

Alice Lutrey, MARAMA
February 26, 2013

APTI-Learn

- Definition
- Purpose
- Components
- Getting Started
- What can I do?
- Additional Information

What is APTI-Learn?

- Learning Management System

What is APTI-Learn?

Learning Management System

- System that allows for:
  - Registration for instructor led & e-learning courses
  - Delivery of online learning materials & courses
  - Tracking & reporting of learning

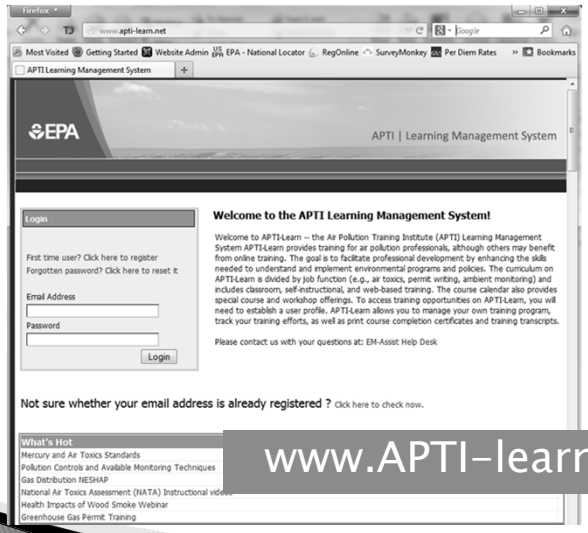
Purpose

- A centralized LMS that hosts training records for:
  - APTI Courses
  - MJOs
  - National Air Compliance Training (NACT) – (formerly CARB training)
- Others may access the LMS:
  - State and local air pollution control agencies
  - Tribal and Environmental Justice Communities
  - Students
  - General Public

What comprises APTI-Learn?

- Comprehensive training calendar
- Curriculum for 13 job categories
  - Training needs
- Courses
  - 34 self instructional courses
  - 25 classroom training courses w/student manuals
  - 46 NACT courses (formerly CARB)
  - 100+ training videos and webinars
- Student transcripts
- Course completion certificates

Where can I find it?



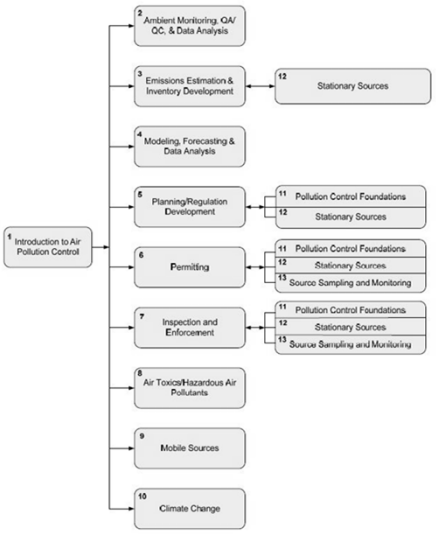
www.APTI-learn.net

Why do I need it?

- Introduction to Air Pollution Control Job Function
  - Recommended for all employees
- Transcript available
  - Track both classroom and self-instructional
- APTI and NACT Course registration
  - APTI Course Materials available
  - Certificate download

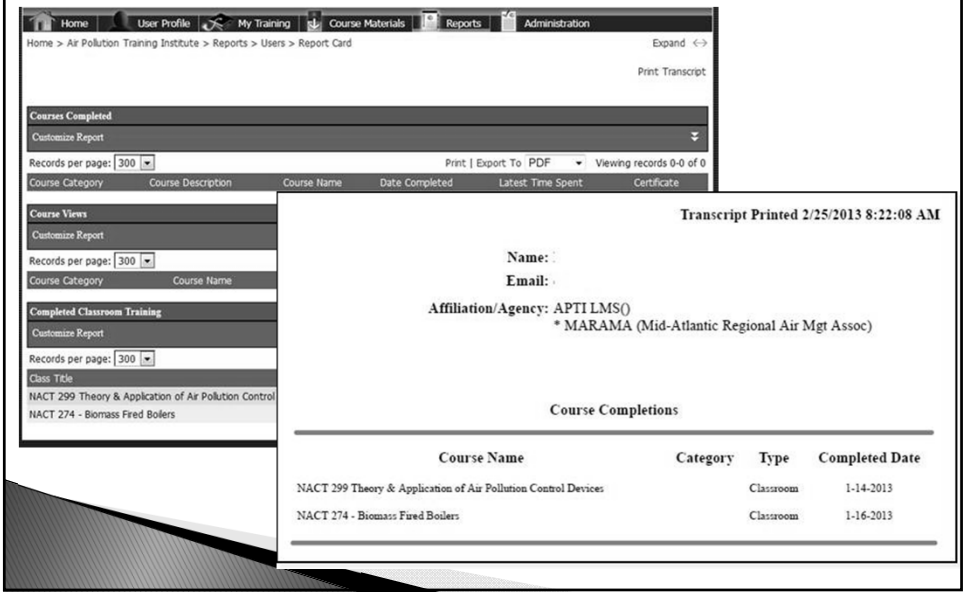
Curriculum

- 13 Functions
  - 1 Basic category
  - 9 Main categories
  - 3 Sub-category



Training and Development Flowchart

Transcripts

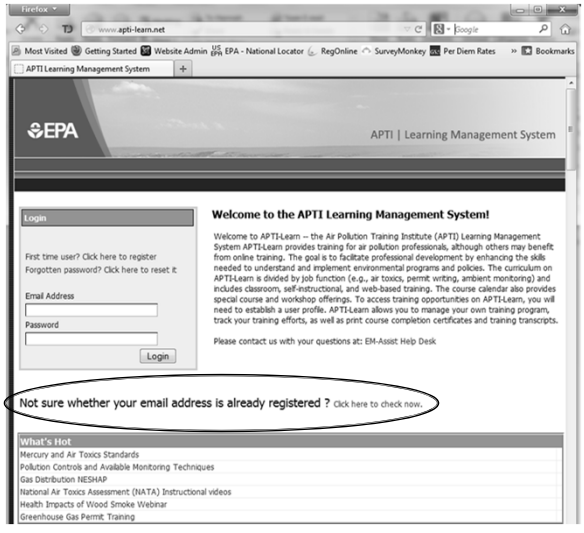


How do I use it?

- Logging In
- Setting Up a Profile
- Registering for courses
- Finding e-learning courses
- Available resources

Logging In

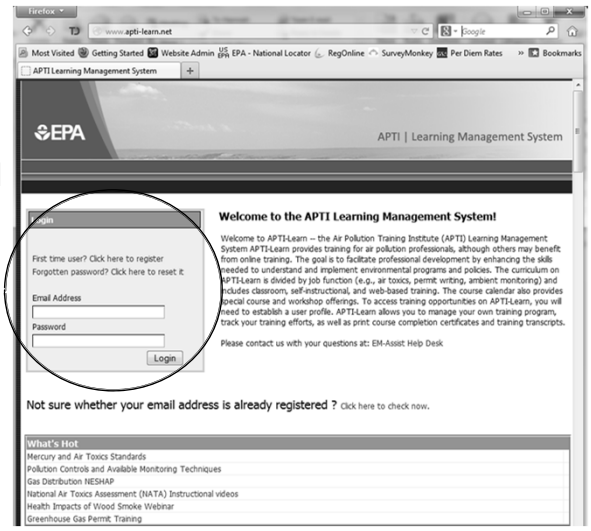
- Two options:
  - Already registered
  - Need to register



Logging In

- Two options:
  - Already registered
  - Need to register

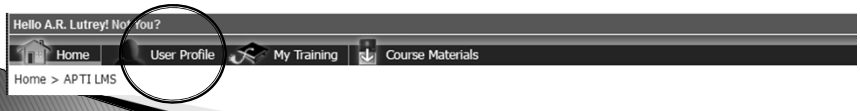
Password: epa1234567



First Time User

First Time Logging In

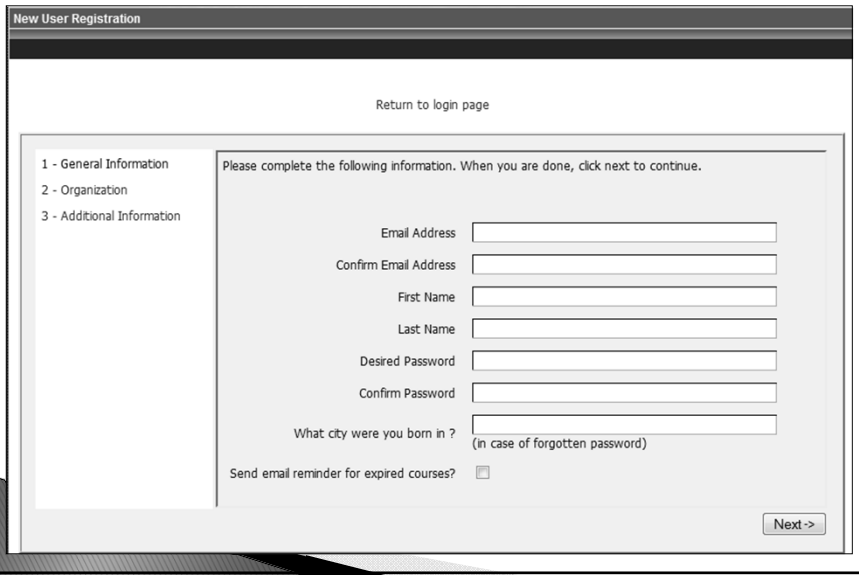
- New User
  - Profile information automatically opens to be completed
- Registered User
  - May need to go to User Profile to update information



User Profile

- Three parts:
  - General Information
    - Basic contact Info and password
  - Organization
    - MJO, state and agency affiliation
  - Additional Information
    - Full contact, job functions, and

New User – General Information



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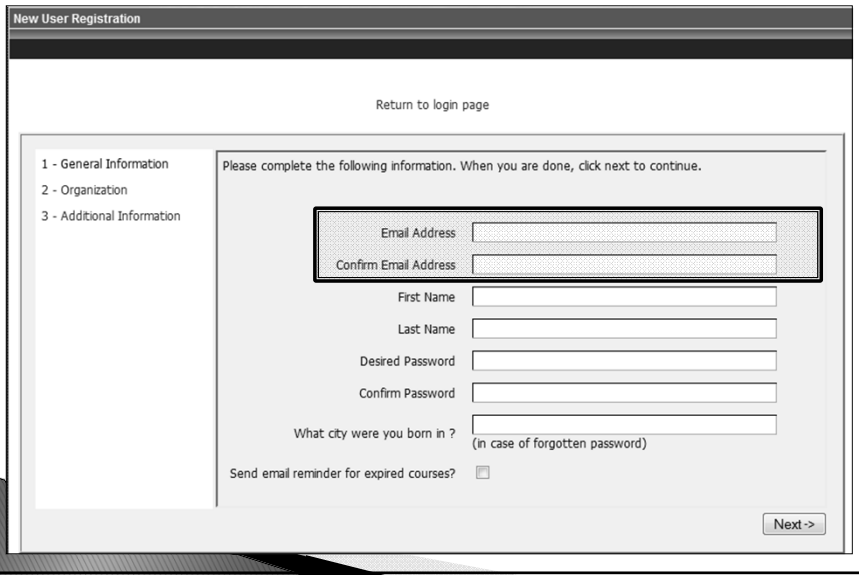
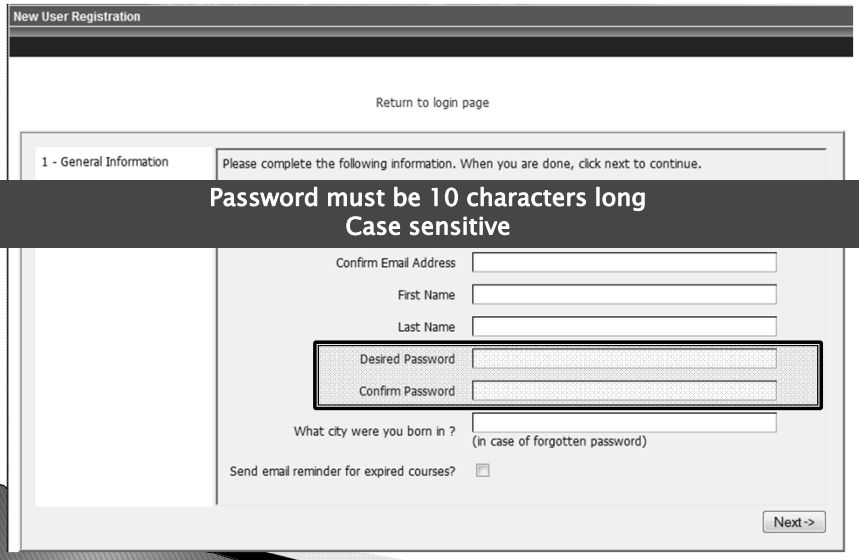

New User Registration
Return to login page
1 - General Information
2 - Organization
3 - Additional Information
Please complete the following information. When you are done, click next to continue.
Email Address
Confirm Email Address
First Name
Last Name
Desired Password
Confirm Password
What city were you born in ?
(in case of forgotten password)
Send email reminder for expired courses?
Next ->

General Information



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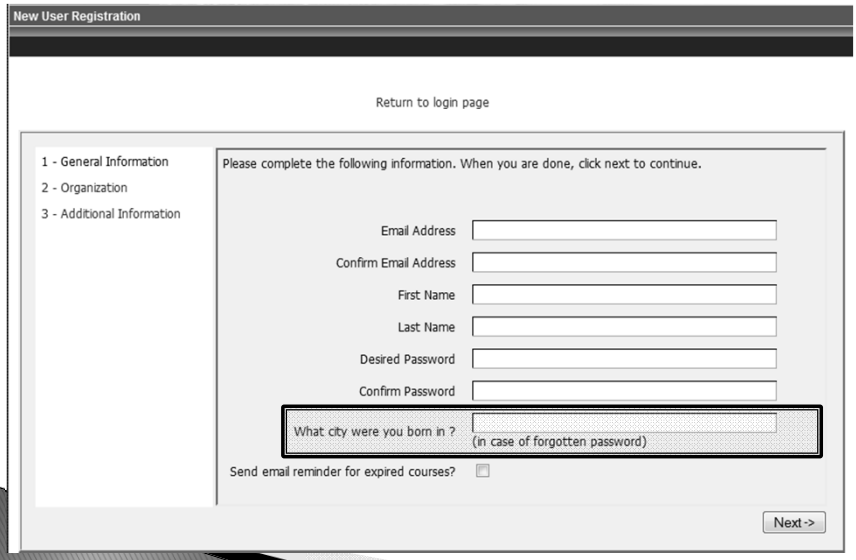
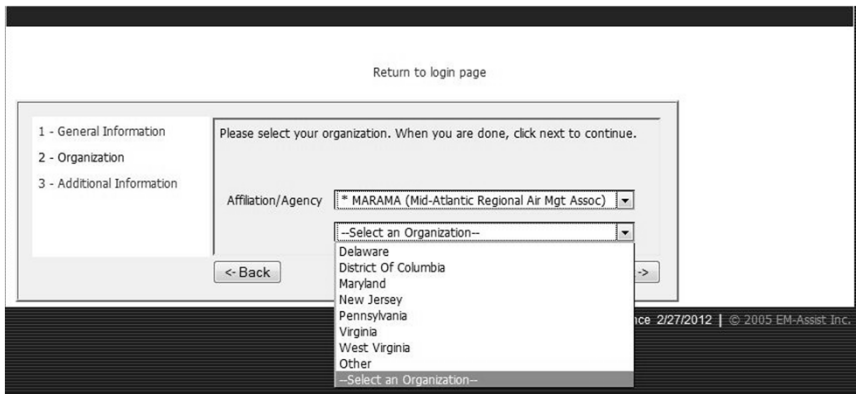
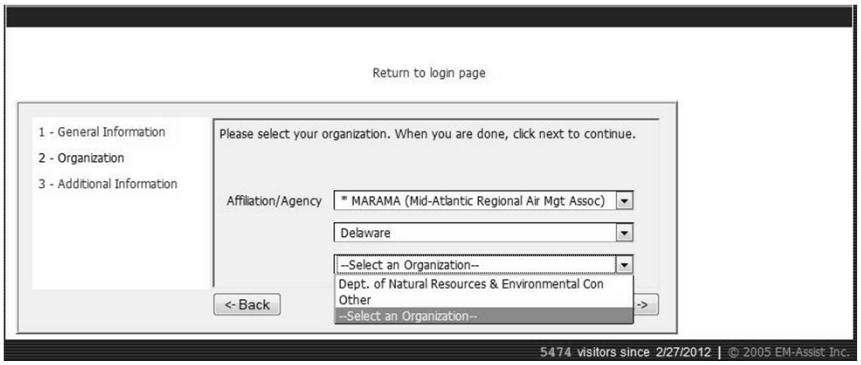


Organization – MJO

Organization – State



Organization – Agency



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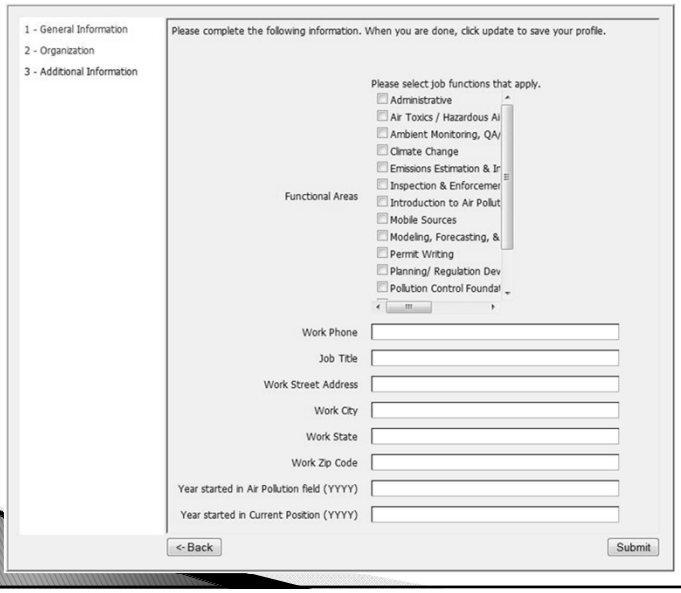

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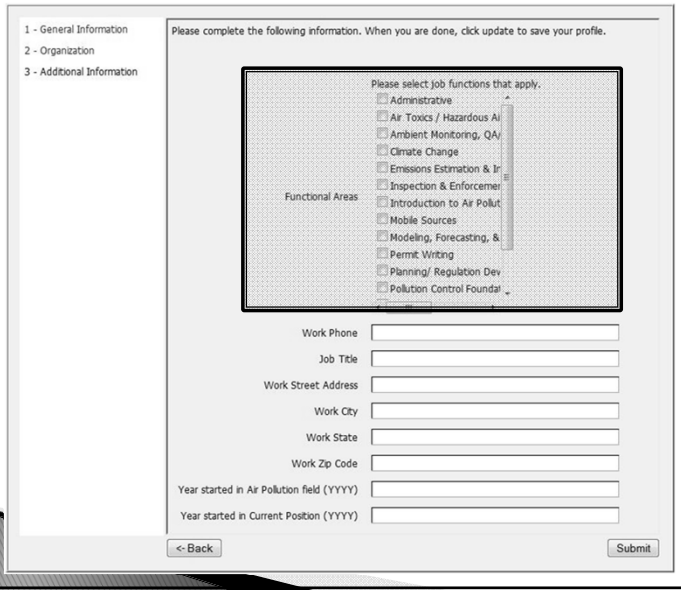
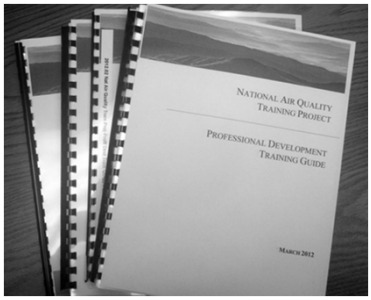


Curriculum Guide

- Consists of 4 separate reports
  - Professional Development Training Guide
    - Catalog of Courses
  - Technical Training Needs Summaries
  - Gap Analysis Concerning Professional Competencies
  - Public & Private Courses



Curriculum

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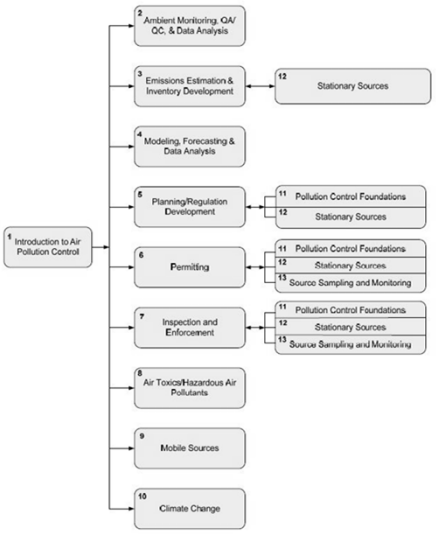


Training and Development Flowchart

Introductory Course Matrix

COURSES OFFERED FOR MAJOR AIR MANAGEMENT FUNCTIONS						
1- COURSES PRIMARILY FOR INTRODUCTION TO AIR POLLUTION CONTROL		Page	Level	Sub-set	Prerequisites	Notes
APTI 452	Principles and Practices of Air Pollution	18	1	Intro Option	APTI SI-422	Recommended for 444, SI-433 and SI-436
CARB 101	Uniform Air Quality Training Program (UAQTP)	69	1	Intro Option		
APTI SI-422	Air Pollution Control Orientation Course	54	1	Overview Option		Prerequisite for 380, 436, 444, 445, 453, 400, 452, 482, SI-428A, SI-433
APTI SI-105	Introduction to Air Pollution Control	42	1	Overview Option		Much of the same content as APTI SI-422
APTI V-101	Understanding Air Toxics	103	1	Overview Option		
APTI V-102	Clean Air Act Training Modules 1-11	106	1	Overview Option		
APTI SI-100	Mathematics Review for Air Pollution Control	65	1	Technical Option		Recommended for RE100.1, 345, 413, 415, 418, 427, 454, 470, 474
APTI RE-100-1	Basic Concepts in Environmental Sciences - Module 1: Basic Concepts	35	1	Technical Option		Prerequisite for 450
APTI RE-100-2	Basic Concepts in Environmental Sciences - Module 2: Characteristics of Gases	35	1	Technical Option		Prerequisite for 450
APTI RE-100-3	Basic Concepts in Environmental Sciences - Module 3: Characteristics of Particles	36	1	Technical Option		Prerequisite for 450
APTI RE-100-4	Basic Concepts in Environmental Sciences - Module 4: Liquid Characteristics	37	1	Technical Option		Prerequisite for 450
APTI RE-100-5	Basic Concepts in Environmental Sciences - Module 5: Flowcharts and Ventilation Systems	38	1	Technical Option		Prerequisite for 450

Private & Public Courses

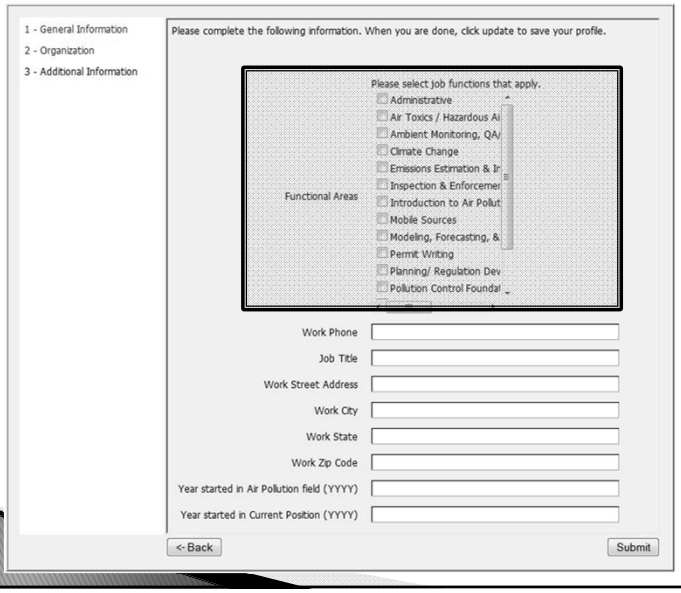
9. **MOBILE SOURCES**

Below are additional courses that are available from the public and private venues that may be available to provide additional training for staff.

- Mobile Source Emission Factor Modeling -**FHWA**
- Air Quality Fundamentals -**FHWA**
- MOVES 2011 Training -**FHWA**
- What is Transportation Conformity -**FHWA**
  https://connectdot.connectsolutions.com/whatisconformity/
- State and Metropolitan Transportation Planning -Rutgers National Transit Institute -
  http://ntionline.com/courses/courseinfo.php?id=218
- Implications of Air Quality Planning for Transportation -**FHWA**
- The Congestion Mitigation and Air Quality (CMAQ) Program: Policy Overview -**FHWA**
- Air Quality Benefit Estimation Methodologies for Transportation Control Measures (TCM) Projects -**FHWA**
- Project Level Mobile Source Air Toxics (MSAT) Workshop -**FHWA**
- COMMUTER Model Workshop -**FHWA**
- An Introduction to My SQL for MOVES Model Users-**FHWA**
  http://www.fhwa.dot.gov/resourcecenter/teams/airquality/mysqlwebinar.cfm

CARB offers mobile source control classes in California that would be useful to states that have adopted California standards.

Additional Information



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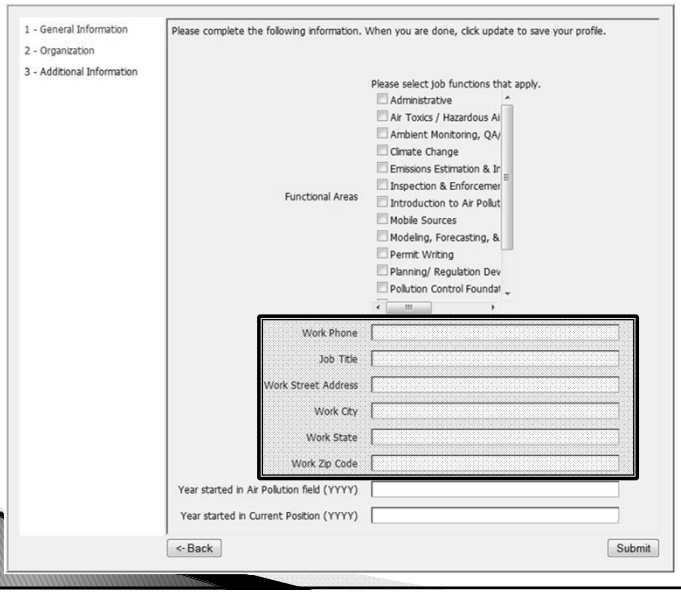

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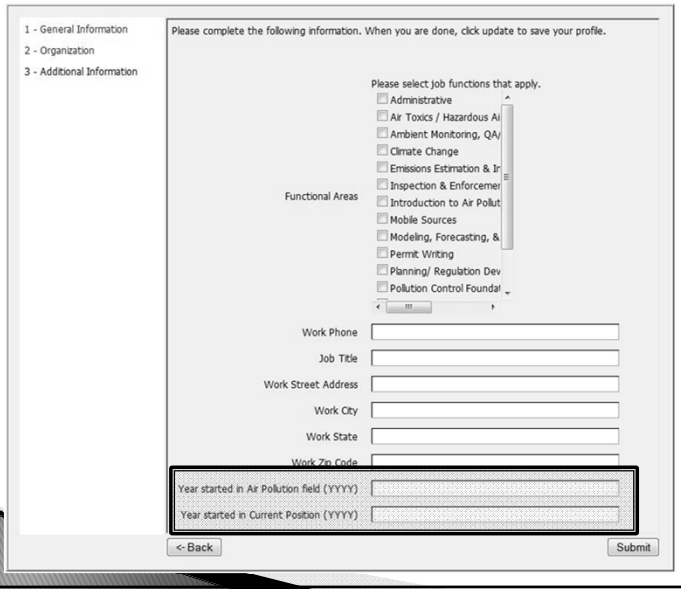


After the Profile

- Register for APTI & NACT courses
- Take online courses
- Print completion certificates
- Print transcripts

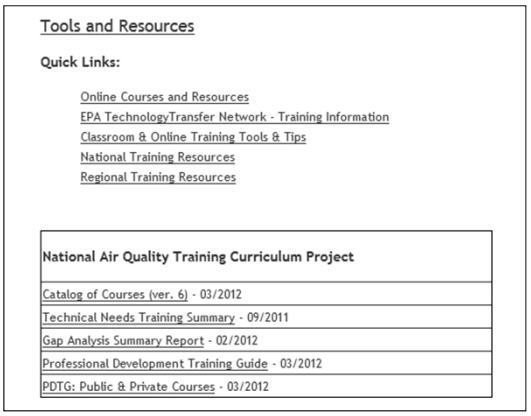
APTI-Learn Help

- Tutorials Available
- Located on Home Page – not logged in

APTI LMS Training Guides				
Student	Video	Registering a login for the LMS	Demonstrates how to create your LMS login and enter your user profile information.	3 minutes.
Student	Video	Searching and registering for classroom courses.	Demonstrates how to search for available classes on the annual training calendar and submit registration requests.	3 minutes.
Student	Video	MY TRAINING Overview	Overviews the MY TRAINING page, which serves as the launching point for all courses and viewing of a student's complete historical training record.	4 minutes.
Student	PDF	Registering for the LMS	Overview for LMS registration.	1 page.
Instructor	Video	Viewing assigned classes	Demonstrates how instructors view assigned classes, email students and print sign-in sheets.	4 minutes.
Instructor	Video	Completing a class	Demonstrates how instructors update the status of each student upon course completion.	2 minutes.
Instructor	Video	Viewing Evaluation Results	Demonstrates how instructors can view results from online class evaluations.	2 minutes.
Training Coordinator	Video	Scheduling a class	Demonstrates scheduling a classroom offering.	3 minutes.
Training Coordinator	Video	Enrolling Students	Demonstrates how to enroll students directly or from the waiting list into a classroom offering.	2 minutes.
Training Coordinator	PDF	Managing Class Enrollments	Overview of enrollment features.	2 pages
Training Coordinator	PDF	Class Setup and Scheduling	Overview of class scheduling process.	2 pages
Administrator	PDF	Create instructor login	Overview of assigning Instructor rights to an LMS user.	1 page

Additional Resources

http://www.marama.org/training-center/resources-and-tools



Tools and Resources

Quick Links:

- Online Courses and Resources
- EPA TechnologyTransfer Network - Training Information
- Classroom & Online Training Tools & Tips
- National Training Resources
- Regional Training Resources

National Air Quality Training Curriculum Project
Catalog of Courses (ver. 6) - 03/2012
Technical Needs Training Summary - 09/2011
Gap Analysis Summary Report - 02/2012
Professional Development Training Guide - 03/2012
PDTG: Public & Private Courses - 03/2012

Contact Info:

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