

# APTI-Learn

The New  
Air Pollution Training Institute

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# What is an LMS?

- Learning Management System
  - Software that supports training delivery, administration, documentation, tracking, and reporting
  - Makes training more accessible and easier to manage
  - Many LMS allow delivery of more sophisticated web-based learning

# Background

- U.S. EPA manages APTI - Air Pollution Training Institute
- Some MJOs and State/Local agencies use independent LMS to support their training
- To streamline and reduce cost for training EPA, MJOs, NACAA Joint Training Committee and States have created a single LMS
- One-stop shop for all air quality training needs

# Objective

- A centralized LMS that hosts training records for:
  - APTI courses
  - MJOs
  - National Council on Aging (NCOA) - formerly CARB training
- Others may access the LMS:
  - State and local air pollution control agencies
  - Tribal and Environmental Justice Communities
  - Students
  - General public

# What will APTI-Learn do?

- Allow MJOs and EPA to list courses and register students
- Display a course calendar
- Include curricula and promote courses for specific job categories
- Maintain student transcripts and issue course completion certificates
- Support student evaluations
- Accept recommendations for additional training needs
- Compile annual statistics into customized reports
- Consolidate training management into a single coordinated system

# Funding (FY11)

- \$550K for development and operation of the LMS thru FY16
- \$345K to update self-instructional courses (NCOA)
- \$105K for Curriculum and Professional Development Training Guide (MARAMA)

# Current Status

Testing the Live Site!!

[APTI-Learn.net](http://APTI-Learn.net)

# What does APTI-Learn Look Like?

**EPA** APTI | Learning Management System

**Login**

First time user? [Click here to register](#)  
Forgotten password? [Click here to reset it](#)

Email Address

Password

**Welcome to the APTI Learning Management System!**

Welcome to APTI-Learn – the Air Pollution Training Institute (APTI) Learning Management System. APTI-Learn provides training for air pollution professionals, although others may benefit from online training. The goal is to facilitate professional development by enhancing the skills needed to understand and implement environmental programs and policies. The curriculum on APTI-Learn is divided by job function (e.g., air toxics, permit writing, ambient monitoring) and includes classroom, self-instructional, and web-based training. The course calendar also provides special course and workshop offerings. To access training opportunities on APTI-Learn, you will need to establish a user profile. APTI-Learn allows you to manage your own training program, track your training efforts, as well as print course completion certificates and training transcripts.

Please contact us with your questions at: [EM-Assist Help Desk](#)

**What's Hot**

- [Mercury and Air Toxics Standards](#)
- [Pollution Controls and Available Monitoring Techniques](#)
- [Gas Distribution NESHAP](#)
- [National Air Toxics Assessment \(NATA\) Instructional videos](#)
- [Health Impacts of Wood Smoke Webinar](#)
- [Greenhouse Gas Permit Training](#)

**APTI LMS Training Videos**

Training	Topic	Description	Duration
Coordinator	Scheduling a class	Demonstrates scheduling a classroom offering.	3 minutes.



# As a Student

- Students can perform the following functions:
  - Set up profile
  - Access “My Training” menu selection
  - Launch online training
  - Register for classroom training
  - Complete course and instructor evaluations
  - Print certificates and transcripts

# As an Instructor

- Instructors can perform the following functions:
  - View classes they are assigned to teach
  - Enroll/wait list students into classes they are teaching
  - Email students enrolled and/or on wait list
  - Assign outcomes for students (e.g. pass, fail, no show)
  - Run evaluation reports for classes they instruct

# As a Training Coordinator

- Training coordinators can perform all of the instructor functions plus:
  - Schedule classes and assign instructors
  - Manage all classes in their jurisdiction (e.g. MJO)
  - Run evaluation reports for classes
  - Create/update/merge users

# Separation of Data by Organization

## EPA

Users at this level can access and update information across the entire system.

## MJO

Users at this level can access and update information at their MJO and all levels below.

## States

Users at this level can access and update information at their State and levels below.

## Agencies

Students are registered at this level.

# As an Administrator (EPA)

- APTI-Learn Administrators can perform all of the functions of the previous rolls plus:
  - Manage evaluations (i.e. add/update/delete)
  - Manage profile lists
  - Manage the site overall
  - Load training courses

# Next Steps

- Transfer student data into LMS
  - CARB/NCOA – 3,000 records
  - CENSARA – 650 records
  - SESARM – 3,600 records
- Other MJO's will begin anew with student records
- Train instructors and administrators
- Official launch targeted Nov 1
- Ongoing Tech Support – help desk 8a-8p ET M-F



# APTI-Learn.net

- Training calendar
- 34 self instructional courses
- 25 classroom training courses with student manuals
- 46 CARB courses
- 100+ training videos and webinars
- Curriculum for 13 job categories
- Student transcripts
- Course completion certificates
- Training needs



# Training support for air agencies?

- Should we work with your training contacts?
- How do we share APTI-Learn.net with managers/staff
- How can we be more responsive to your training needs?



# Questions?





# U.S. EPA Contacts:

- Eric Crump at 919-541-4719; [crump.eric@epa](mailto:crump.eric@epa)
- Amy Gaskill at 919-541-1120; [gaskill.amy@epa.gov](mailto:gaskill.amy@epa.gov)

# Student Homepage

Logged in as Student Student [Log Out](#)

EPA APTI | Learning Management System

Hello Student Student! Not You?

Home User Profile My Training Course Materials

Home > U.S. EPA

## Welcome to the Learning Management System - "Review" Site

This is the future home of the APTI Learning Management System and Learning Portal. This is a beta site for testing and evaluation and the production site is scheduled for release 3 Oct 12.

The Air Pollution Training Institute (APTI), primarily provides technical air pollution training to state, tribal, and local air pollution professionals, although others may benefit from this training. APTI's goal is to facilitate professional development by enhancing the skills necessary to understand and implement environmental programs and policies.

APTI also provides special course and workshop offerings that may require additional registration.

### Training Videos

Scheduling a class	Demonstrates scheduling a classroom offering.
Viewing assigned classes.	Demonstrates how instructors view assigned classes, email students and print sign-in sheets.
Completing a class	Demonstrates how instructors update the status of each student upon course completion.

### Training Calendar

<< Prev

## 2012 Training Calendar

Next >>

**Important Note:** Some dates and locations are listed as "TBA" or "to be announced." Once final information concerning a course is available, we will update this page.

### Classroom Courses:

Each course has a sponsor listed. Name and email information for each sponsor is listed below. Space in all classes is limited so early registration is always advised. Space allocations are determined by host agency/institution, and APTI does not guarantee space in any course.

# Student Profile Page

Logged in as Student Student [Log Out]

EPA APTI | Learning Management System

Version #2.6.3 (rev. 37)

User Profile

Home User Profile My Training Course Materials

Home > U.S. EPA > User Profile

Instructions

Use this form to make changes to your account. Leaving the password fields blank will keep your current password.

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 is your mother's maiden name?   
(in case of forgotten password)

Send email reminder for expired courses?

Next ->

# Student Profile - Organization

The screenshot displays the APTI Learning Management System interface. At the top right, it shows the user is logged in as 'Student Student' with a 'Log Out' link. The EPA logo is on the left, and the system title 'APTI | Learning Management System' is on the right, with version information '#2.6.3...000:3751' below it. A navigation bar contains icons for Home, User Profile, My Training, and Course Materials. The breadcrumb trail reads 'Home > U.S. EPA > User Profile'. Below this is an 'Instructions' section stating: 'Use this form to make changes to your account. Leaving the password fields blank will keep your current password.' The main form area has a sidebar with three steps: '1 - General Information', '2 - Organization' (circled in red), and '3 - Additional Information'. The main content area contains the instruction 'Please select your organization. When you are done, click next to continue.' and a dropdown menu currently showing 'U.S. EPA'. Below this is a label 'MJO/State/Affiliation' and another dropdown menu currently showing 'Other'. A list of options is open for the second dropdown, including: 'Other', '\* MJO - CenSARA', '\* MJO - LADCO', '\* MJO - MARAMA', '\* MJO - Metro 4/SESARM', '\* MJO - NESCAUM', '\* MJO - WESTAR', 'EPA', 'Other', and '--Select an Organization--'. A '<- Back' button is visible at the bottom left of the form area. The footer shows navigation links for 'Home | User Profile | My Training | Course Materials |' and 'Assist. Inc.' on the right.

# Student Profile – Job Function

**EPA** APTI | Learning Management System  
Version #2.6.3 (09/27/11)

User Profile

Home User Profile My Training Course Materials

Home > U.S. EPA > User Profile

**Instructions**

Use this form to make changes to your account. Leaving the password fields blank will keep your current password.

1 - General Information  
2 - Organization  
3 - Additional Information

Please complete the following information. When you are done, click update to save your profile.

Functional Areas

Please select job functions that apply.

- Air Toxics / Hazardous Air
- Ambient Monitoring, QA/
- Climate Change
- Emissions Estimation & In
- Inspection & Enforcemen
- Introduction to Air Poluti
- Mobile Sources
- Modeling, Forecasting, & D
- Permit Writing
- Planning/ Regulation Dev
- Source Sampling and Mor
- Stationary Sources

Work Phone: 7013285199

Job Title: Env. Sci.

Work Street Address: 100 Washington Drive

Work City: Denver

Work State: CO

Work Zip Code: 90210

# Student – My Training

Logged in as Student Student [Log Out]

**EPA** APTI | Learning Management System

Version #2.6.3.0000.375

Home User Profile My Training Course Materials

Home > U.S. EPA > My Training Expand ↔

View Course Catalog (PDF)

All Courses Recommended Training Scheduled Training Courses In Progress Training History


Filter by Category: Permit Writing

Course Name	Instruction Type	Sponsored By	Category	Action
APTI 454 Effective Permit Writing	Classroom		Permit Writing	Register
APTI 461 Intermediate Permitting	Classroom		Permit Writing	Register
APTI SI: 412B Electrostatic Precipitator Plan Review	Online	U.S. EPA	Permit Writing	Launch
APTI SI: 460 Introduction To Permitting	Online	U.S. EPA	Permit Writing	Launch
CARB 333 Permit Writing (National Program, only)	Classroom		Permit Writing	Register
CARB 334 Permitting Practices and Principles	Classroom		Permit Writing	Register

Home | User Profile | My Training | Course Materials | 1123 visitors since 2/27/2012 | © 2005 EM-Assist, Inc.

# Recommended Training

Logged in as Student Student [Log Out]

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Version #2.6.3.0000.375


Home User Profile My Training Course Materials

Home > U.S. EPA > My Training Expand ↔

[View Course Catalog \(PDF\)](#)

All Courses **Recommended Training** Scheduled Training Courses In Progress Training History

The following courses are recommended based on your user profile.


Course	Instruction Type	Selection Criteria	Status	Action
APTI SI: 300 Introduction to Air Pollution Toxicology	Online	Functional Areas : Ambient Monitoring, QA/QC, & Data Analysis	inProgress	 Launch

Home | User Profile | My Training | Course Materials | 1123 visitors since 2/27/2012 | © 2005 EM-Assist Inc



# Scheduled Training

Logged in as Student Student [Log Out]

 APTI | Learning Management System

Version #2.6.3.0000.375

[Home](#) [User Profile](#) [My Training](#) [Course Materials](#)

Home > U.S. EPA > My Training Expand ↔

[View Course Catalog \(PDF\)](#)

[All Courses](#) [Recommended Training](#) [Scheduled Training](#) [Courses In Progress](#) [Training History](#)

Course Name	Location	Start	End	Status	
APTI 461 Intermediate Permitting		11/05/2012	11/08/2012	Enrolled	<a href="#">Unenroll</a>
CARB 282 Baghouses	Westar Training Center (Ausitn,TX)	11/01/2012	11/02/2012	Enrolled	<a href="#">Unenroll</a>
CARB 244 Concrete Batch Plants	CAE SC - Springhill (Columbia,SC)	10/16/2012	10/16/2012	On Wait List	<a href="#">Unenroll</a>
CARB 260 Oil Field Production	Houston - TCEQ (Houston,TX)	10/01/2012	10/05/2012	On Wait List	<a href="#">Unenroll</a>
CARB HPV and T and A Policy	Westar Training Center (Ausitn,TX)	10/01/2012	10/03/2012	On Wait List	<a href="#">Unenroll</a>
APTI 418 Control Of Nitrogen Oxide Emissions (1999)	CAE SC - Springhill (Columbia,SC)	09/24/2012	09/26/2012	Enrolled	<a href="#">Unenroll</a>
APTI 350 Asbestos NESHAP Inspection and Safety Procedures	Marriot Hotel (Denver,CO)	09/18/2012	09/20/2012	Enrolled	<a href="#">Unenroll</a>

# Courses in Progress

Logged in as Student Student [Log Out]

APTI | Learning Management System  
Version #2.6.3.0000.3751

[Home](#) [User Profile](#) [My Training](#) [Course Materials](#)

Home > U.S. EPA > My Training Expand ↔

[View Course Catalog \(PDF\)](#)

[All Courses](#) [Recommended Training](#) [Scheduled Training](#) [Courses In Progress](#) [Training History](#)

Course	Time Spent (HR:MIN:SEC)	Total Course Hours	Est Hours Remaining	Last Date Accessed	Status	Action
APTI RE: 100 Basic Concepts In Environmental Sciences	00:35:35	0		8/30/2012 11:55:57 AM	inProgress	Launch
APTI SI: 300 Introduction to Air Pollution Toxicology	41:16:33	0		8/16/2012 8:06:33 AM	inProgress	Launch
APTI SI: 410 Introduction To Dispersion Modeling	00:00:45	0		8/21/2012 7:07:35 AM	inProgress	Launch
APTI SI: 437 Air Pollution Control Technology Series	00:01:53	25	25	8/9/2012 9:57:40 AM	inProgress	Launch
APTI SI: 445 Introduction To Baseline Source Inspection Techniques	00:46:38	0		8/21/2012 7:09:01 AM	inProgress	Launch

# Training History

Logged in as Student Student [Log Out]

**EPA** APTI | Learning Management System  
Version #2.6.3 (08/27/12)

Home User Profile My Training Course Materials

Home > U.S. EPA > My Training Expand <->

[View Course Catalog \(PDF\)](#)

All Courses Recommended Training Scheduled Training Courses In Progress **Training History**

Print Student Transcript | Print Student Report Card

Start Date	End Date	Course	Instruction Type	Status	Evaluation Completed	Evaluation	Certificate
09/18/2012	09/20/2012	APTI 350 Asbestos NESHAP Inspection and Safety Procedures	Classroom	Not Completed	<input type="checkbox"/>		Not Available
08/16/2012	08/16/2012	APTI RE: 100 Basic Concepts In Environmental Sciences - Module 1: Basic Concepts	Self-Instruction	Completed	<input type="checkbox"/>	Not Required	Print Certificate
08/15/2012	08/15/2012	APTI SI: 105 Introduction To Air Pollution Control	Self-Instruction	Completed	<input type="checkbox"/>	Not Required	Print Certificate
08/12/2012	08/12/2012	APTI SI: 401 Risk-Based Air Toxics	Self-Instruction	Completed	<input type="checkbox"/>	Not Required	Print Certificate
08/12/2012	08/12/2012	APTI SI: 422 Air Pollution Control Orientation Course	Self-Instruction	Completed	<input type="checkbox"/>	Not Required	Print Certificate

Home | User Profile | My Training | Course Materials | **1123** visitors since 2/27/2012 | © 2005 EM-Assist. Inc

# Certificate

## *Certificate of Completion*

*System Administrator*

*has successfully completed*

*APTI 345 Emission Capture and Gas Handling*

*System Inspection*

*August 15, 2012 thru August 16, 2012*

*Sponsored by \* WESTAR (Western States Air Resources Council)*

*Jeffrey P. Gabler*

*Training Manager*

*Jeff Gabler  
Training Coordinator*