



Web-Based Training Update

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Web-Based Training Update

History

- Attendees of the 2014 National Equipment Conference identified a list of potential training topics.
- In February 2015, EMTSP made an application with AASHTO TC3 to host two courses on the TC3 website under “scholarship”.
- In June 2015, EMTSP was awarded a scholarship by AASHTO TC3.
- In fall 2015, two courses from the list of potential training projects were approved by the EMTSP Oversight Panel.
- In 2016, a second round of potential training topics was solicited.
- In April 2017, Memorandum of Understanding (MOU) signed between EMTSP and TC3.



Web-Based Training Update

Completed Courses

- Preventative Maintenance Concepts
- Benchmarking and Best Practices

Under Development

- Establishing Core Equipment Complements and the Optimal Sizing of State Equipment Fleets
- Equipment Utilization

Preventative Maintenance Concepts

The screenshot displays a web-based training interface. On the left, a dark blue header contains the logo for the Transportation Curriculum Coordination Council (T3) and AASHTO. Below the logo, the title "Preventive Maintenance Concepts for State Fleet Operations" is displayed in a large, dark blue font, followed by the word "Introduction" in a slightly smaller font. To the right of the text is a photograph of a large, modern maintenance facility with several bays and a red car parked in front. Below the photograph is a large dark blue rectangular area containing the text: "Training support files are available as attachments from the paperclip icon in the bottom right-hand part of the screen." In the bottom right corner of this area is a "Continue" button with a right-pointing orange triangle. On the right side of the interface, there is a vertical sidebar with a dark blue header labeled "Introduction". Below the header are three tabs: "Outline", "Notes", and "Search". The "Outline" tab is selected. The sidebar contains the following text: "State Name:", "Welcome to the Preventive Maintenance Concepts for State Fleet Operations, Introduction.", "The presentation is available as an attachment from the paperclip icon in the bottom right-hand part of the screen.", and "Image description: Photo of a fleet maintenance facility." At the bottom of the sidebar, it says "3 Minutes 52 Seconds Remaining". At the very bottom of the interface is a video player control bar with a play button, a progress bar showing "00:09 / 00:53", and icons for volume, full screen, and other controls. The text "Slide 1 / 10 | Playing" is visible on the left side of the control bar.



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Preventative Maintenance Concepts

Topics Covered

- Fundamental Preventative Maintenance principles
- Basic Elements of a Preventative Maintenance program
- Basic fleet supervisor and fleet technician responsibilities within the program
- Advantages and disadvantages of various maintenance models
- Fleet Management Systems to capture operating data
- How to measure and analyze Preventative Maintenance program performance

Benchmarking and Best Practices



TRANSPORTATION CURRICULUM COORDINATION COUNCIL
AASHTO

Benchmarking and Best Practices for State Equipment Fleet Management

Module I: Performance Management



Training support files are available as attachments from the paperclip icon in the bottom right-hand part of the screen.

Continue 

Module 1: Performance Management

Outline **Notes** **Search**

Slide Notes

Welcome to the Web-based training course Benchmarking and Best Practices for State Equipment Fleet Management. This is Module 1: Performance Management, which stresses that agencies can deliver better results by becoming more proactive, focused, and clear-thinking in carrying out their mission. This module will also provide a brief overview of the course.

The presentation is available as an attachment from the paperclip icon in the bottom right-hand part of the screen.

Image description: Benchmark graph and arrow.

17 Minutes 47 Seconds Remaining

Slide 1 / 25 | Stopped

00:31 / 00:31



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Benchmarking and Best Practices Course

Topics Covered

- Fundamental Concepts of Performance Management
- Performance Metric Categories
- Identifying appropriate Performance Metrics for Benchmarking
- Identifying Performance Metric Targets
- Internal and external benchmarking
- What to do with benchmarking data
- The limitations of benchmarking
- Identifying fleet best practices



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Establishing Core Equipment Complements and the Optimal Sizing of State Equipment Fleets Training Course

Topics Covered

- Overview of the optimization process
- Identifying the right equipment matrix for the intended operation
- Developing an Equipment Condition Assessment Program
- Advantages of leasing, renting, and other alternative sourcing of equipment
- Benefits of rebuilding and retaining long design-life heavy duty equipment
- Fleet replacement funding mechanisms



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Future Topics

- Call for ideas. Previously identified topics from 2014 include:
 - Development of Equipment Specifications
 - Procurement, Replacement, and Disposal Procedures
 - Performance Measures for Managing Heavy Equipment Fleets
 - Fleet Budget Management
 - Fleet Management Systems
 - Fleet Safety Compliance
 - Leadership and Motivating Others