

# Transportation Engineering Training Program Fiscal Year 2025 Training Schedule

TETP offers roadway design and construction training for CDOT engineering staff, specialty units, consultants on CDOT projects, and local agency personnel. This schedule lists all instructor-led courses that are currently open for enrollment in Fiscal Year 2025 (July 2024 through June 2025). More training can be accessed through the [TETP web page](#) on [codot.gov](http://codot.gov).

All TETP training is managed in the State of Colorado (SOC) Learns Training Portal. Need an account? [Request SOC Learns access](#).

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## October 2024

### Writing for Engineering Professionals 1 (TETP)

**Description:** Writing for Engineering Professionals 1 is day one of a two-day technical-writing training program where you’ll learn to apply a process approach to writing, capture the details to organize your document, and write effective paragraphs by creating direction-setting topic sentences.

**When:** Oct. 22, 2024 from 8:00 a.m. to 5 p.m.

**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 1](#) workshop in SOC Learns.

## November 2024

### Construction Project Administration for Local Agencies (TETP)

**Description:** This course is intended to introduce Local Agency Project Managers to CDOT’s best practices in project administration. It teaches LA PMs about the contract and its implications, facilitating meetings, conducting field inspections, completing and reporting paperwork, and accessing and interpreting documentation.

**When:** Nov. 6 and 7, 2024 from 8:30 a.m. to 4:30 p.m. each day

**Where:** Online via Adobe Connect



**Cost:** \$150.00

**Register:** Enroll in the [Construction Project Administration for Local Agencies](#) online course in SOC Learns.

## Construction Project Administration (TETP)

**Description:** This course teaches about the contract and its implications, facilitating meetings, conducting field inspections, completing and reporting paperwork, and accessing and interpreting documentation. It's recommended for project managers, project engineers, construction engineers, and inspectors working on CDOT construction projects.

**When:** Nov. 13 and 14, 2024 from 8:30 a.m. to 4:30 p.m. each day

**Where:** Online via Adobe Connect

**Cost:** \$250.00

**Register:** Enroll in the [Construction Project Administration](#) online course in SOC Learns.

## Project First Program (TETP)

**Description:** This course will prepare you to successfully use the Project First Program and Project Risk Assessment Tool on your construction projects. Project First formalizes the partnering process to proactively identify and manage risks through collaboration.

**When:** Nov. 20, 2024 from 8 a.m. to 1 p.m.

**Where:** Online via Adobe Connect

**Cost:** \$100.00

**Register:** Enroll in the [Project First Program](#) online course in SOC Learns.

## Writing for Engineering Professionals 2 (TETP)

**Description:** Writing for Engineering Professionals 2 reinforces and expands on the writing strategies and metrics delivered in the initial workshop, Writing for Engineering Professionals 1. This workshop explains how to adjust reader perception through the use of tone strategies, organize documents using five logical patterns, and employ best practices for creating lists.

**When:** Nov. 21, 2024 from 8 a.m. to 5 p.m.

**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 2](#) workshop in SOC Learns.



## December 2024

### Reviewing Critical Path Method Construction Schedules (TETP)

**Description:** This course addresses specific issues related to reviewing a Contractor's CPM schedule per the requirements of the CDOT Standard Specifications subsection 108.03 Project Schedule. It utilizes hands-on activities where participants will interpret contractor schedules, reports, and look for potential issues within those schedules.

**When:** Dec. 4, 2024 from 9 a.m. to 3 p.m.

**Where:** Online via Adobe Connect

**Cost:** \$150.00

**Register:** Enroll in the [Reviewing CPM Construction Schedules](#) online course in SOC Learns.

### Managing Contract Time (TETP)

**Description:** This course covers using CPM schedules to manage contract time and address delay issues on construction projects. There will be detailed discussions on issues that arise with an early completion date, how to handle a delay, what float ownership is, the benefit of using a baseline schedule, and the risks and benefits of certain actions.

**When:** Dec. 10, 2024 from 8 a.m. to 4 p.m.

**Where:** Online via Adobe Connect

**Cost:** \$150.00

**Register:** Enroll in the [Managing Contract Time](#) online course in SOC Learns.

### Writing for Engineering Professionals 3 (TETP)

**Description:** This one-day grammar and punctuation workshop teaches participants how to create parallel structure and the word, phrase, and sentence level, distinguish between essential and non-essential uses of punctuations, and how to determine the appropriate use of active and passive voice in technical writing.

**When:** Dec. 11, 2024 from 8:00 a.m. to 5 p.m.

**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 3](#) workshop in SOC Learns.



## January 2025

### Construction Project Administration (TETP)

**Description:** This course teaches about the contract and its implications, facilitating meetings, conducting field inspections, completing and reporting paperwork, and accessing and interpreting documentation. It's recommended for project managers, project engineers, construction engineers, and inspectors working on CDOT construction projects.

**When:** Jan. 7 and 8, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Where:** Online via Adobe Connect

**Cost:** \$250.00

**Register:** Enroll in the [Construction Project Administration](#) online course in SOC Learns.

### Bridge Inspection Training (TETP)

**Description:** CDOT's Bridge Inspection Training will discuss commonly identified quality assurance and quality control challenges on CDOT structural projects including high-risk construction elements, critical points where additional documentation or inspection may be needed, and how to anticipate, mitigate, and best manage these elements.

**When:** Jan. 8 and 9, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Cost:** \$250.00

**Register:** Enroll in the [Bridge Inspection Training](#) in SOC Learns.

### Writing for Engineering Professionals 1 (TETP)

**Description:** Writing for Engineering Professionals 1 is day one of a two-day technical-writing training program where you'll learn to apply a process approach to writing, capture the details to organize your document, and write effective paragraphs by creating direction-setting topic sentences.

**When:** Jan. 9, 2025 from 8:00 a.m. to 5 p.m.

**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 1](#) workshop in SOC Learns.



## Construction Project Administration for Local Agencies (TETP)

**Description:** This course is intended to introduce Local Agency Project Managers to CDOT's best practices in project administration. It teaches LA PMs about the contract and its implications, facilitating meetings, conducting field inspections, completing and reporting paperwork, and accessing and interpreting documentation.

**When:** Jan. 21 and 22, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Where:** Online via Adobe Connect

**Cost:** \$150.00

**Register:** Enroll in the [Construction Project Administration for Local Agencies](#) online course in SOC Learns.

## Work Zone Safety and Mobility - Development of a Transportation Management Plan (TETP)

**Description:** This course focuses on the importance of the Work Zone Mobility Rule implementation (23 CFR Section 630 Subparts J and K) supporting required planning, design, positive protection for workers and reporting for creating safe work zones for roadway workers and the traveling public, by presenting in-depth information and providing practice in creating and utilizing effective Transportation Management Plans and Traffic Control Plans for various types of projects.

**When:** Jan. 23, 2025 from 8:00 a.m. to 5 p.m.

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Register:** Enroll in the [Work Zone Safety and Mobility Workshop](#) in SOC Learns.

## February 2025

### Managing Contract Time (TETP)

**Description:** This course covers using CPM schedules to manage contract time and address delay issues on construction projects. There will be detailed discussions on issues that arise with an early completion date, how to handle a delay, what float ownership is, the benefit of using a baseline schedule, and the risks and benefits of certain actions.

**When:** Feb. 4, 2025 from 8 a.m. to 4 p.m.

**Where:** Online via Adobe Connect



**Cost:** \$150.00

**Register:** Enroll in the [Managing Contract Time](#) online course in SOC Learns.

## Context Sensitive Solutions (TETP)

**Description:** This course is an introduction to the basic elements and principles of Context Sensitive Solutions. It explains the primary elements of CSS, how to identify project stakeholders and their roles, and how to put together a multidisciplinary team to successfully implement CSS.

**When:** Feb. 6, 2025 from 8:00 a.m. to 1 p.m.

**Where:** Online via Adobe Connect

**Cost:** \$150.00

**Register:** Enroll in the [Context Sensitive Solutions](#) online course in SOC Learns.

## Reviewing CPM Construction Schedules (TETP)

**Description:** This course addresses specific issues related to reviewing a Contractor's CPM schedule per the requirements of the CDOT Standard Specifications subsection 108.03 Project Schedule. It utilizes hands-on activities where participants will interpret contractor schedules, reports, and look for potential issues within those schedules.

**When:** Feb. 12, 2025 from 9 a.m. to 3 p.m.

**Where:** Online via Adobe Connect

**Cost:** \$150.00

**Register:** Enroll in the [Reviewing CPM Construction Schedules](#) online course in SOC Learns.

## Utility Engineering Project Management Workshop (TETP)

**Description:** This workshop is an immersive learning experience that challenges participants to analyze and assess the needs for utility coordination throughout the project life cycle from planning through design and construction. This course will utilize resources from past projects at CDOT to provide a learning experience that is grounded in the context of everyday practice in utility engineering.

**When:** Feb. 26, 2025 from 8:30 a.m. to 5 p.m.

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the Valley Hwy Conference Room 158

**Cost:** \$150.00



**Register:** Enroll in the [Utility Engineering Project Management Workshop](#) in SOC Learns.

## March 2025

### Bridge Inspection Training (TETP)

**Description:** CDOT’s Bridge Inspection Training has been developed to increase knowledge and understanding of structural and bridge construction projects. The training will discuss commonly identified quality assurance and quality control challenges on CDOT structural projects including high-risk construction elements, critical points where additional documentation or inspection may be needed, and how to anticipate, mitigate, and best manage these elements.

**When:** March 11 and 12, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Where:** CDOT Region 3 Grand Junction Maintenance and Engineering Facility at 2328 G. Road, Grand Junction in the Bookcliff Conference Room

**Cost:** \$250.00

**Register:** Enroll in the [Bridge Inspection Training](#) in SOC Learns.

### Applied Roadway Design (TETP)

**Description:** In this 3-day course participants will conduct course activities and exercises using the design policies established by the CDOT Roadway Design Guide, AASHTO’s Roadside Design Guide, and the AASHTO “Green Book.”

**When:** March 11 through 13, 2025 from 8 a.m. to 5 p.m. each day

**Where:** CDOT’s KOA Facility, 18500 E. Colfax Avenue, Aurora on the 2nd floor.

**Cost:** \$500.00

**Register:** Enroll in the [Applied Roadway Design](#) course in SOC Learns.

### Writing for Engineering Professionals 2 (TETP)

**Description:** Writing for Engineering Professionals 2 reinforces and expands on the writing strategies and metrics delivered in the initial workshop, Writing for Engineering Professionals 1. This workshop explains how to adjust reader perception through the use of tone strategies, organize documents using five logical patterns, and employ best practices for creating lists.

**When:** March 20, 2024 from 8:00 a.m. to 5 p.m.





**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 2](#) workshop in SOC Learns.

## April 2025

### Bridge Inspection Training (TETP)

**Description:** CDOT's Bridge Inspection Training has been developed to increase knowledge and understanding of structural and bridge construction projects. The training will discuss commonly identified quality assurance and quality control challenges on CDOT structural projects including high-risk construction elements, critical points where additional documentation or inspection may be needed, and how to anticipate, mitigate, and best manage these elements.

**When:** April 1 and 2, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Where:** CDOT Region 2 Colorado Springs Maintenance and Engineering Facility at 1480 Quail Lake Loop, Colorado Springs in the Cheyenne Mountain Conference Room

**Cost:** \$250.00

**Register:** Enroll in the [Bridge Inspection Training](#) in SOC Learns.

### Writing for Engineering Professionals 3 (TETP)

**Description:** This one-day grammar and punctuation workshop teaches participants how to create parallel structure and the word, phrase, and sentence level, distinguish between essential and non-essential uses of punctuations, and how to determine the appropriate use of active and passive voice in technical writing.

**When:** April 8, 2024 from 8:00 a.m. to 5 p.m.

**Where:** Online via Zoom

**Cost:** \$100.00

**Register:** Enroll in the [Writing for Engineering Professionals 3](#) workshop in SOC Learns.

### Bridge Inspection Training (TETP)

**Description:** CDOT's Bridge Inspection Training has been developed to increase knowledge and understanding of structural and bridge construction projects. The training will discuss



commonly identified quality assurance and quality control challenges on CDOT structural projects including high-risk construction elements, critical points where additional documentation or inspection may be needed, and how to anticipate, mitigate, and best manage these elements.

**When:** April 14 and 15, 2025 from 8:30 a.m. to 4:30 p.m. each day

**Cost:** \$250.00

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Register:** Enroll in the [Bridge Inspection Training](#) in SOC Learns.

## Reading Structural Plans (TETP)

**Description:** Structural design engineers rely on staff members of other design disciplines as well as construction inspectors to review their designs for conflicts and constructability issues. The Reading Structural Plans course is intended to help engineering staff improve their contribution to the design process and be better able to identify critical issues and conflicts as they are described in bridge structural plans.

**When:** April 23 and 24, 2025 from 8 a.m. to 5 p.m.

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Cost:** \$400.00

**Register:** Enroll in the [Reading Structural Plans](#) course in SOC Learns.

## Interchange Planning and Design (TETP)

**Description:** This course covers basic traffic operational and geometric design principles for interchange types. Students will examine the process of efficient study for interchanges including selection of appropriate configuration and development of design and traffic documentation to support decision-making. Students will be trained in the latest tools and techniques for the planning and design of service interchanges. Attendees will be given an opportunity to work an interchange reconstruction problem in groups.

**When:** April 29 and 30, 2025 from 8 a.m. to 5 p.m.

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Cost:** \$400.00

**Register:** Enroll in the [Interchange Planning and Design](#) course in SOC Learns.



May 2025

### Lighting Design Guide (TETP)

**Description:** This course emphasizes quality lighting for motorists by encouraging effective lighting methods, including designing for optimal visibility, selecting proper equipment, locating lighting effectively, and being sensitive to surrounding conditions, resulting in minimizing glare, increasing uniformity, and reducing light pollution.

**When:** May 21 and 22, 2025 from 8 a.m. to 5 p.m. each day

**Where:** Clanton & Associates at 4699 Nautilus Ct S Suite 102, Boulder

**Cost:** \$250.00

**Register:** Enroll in the [Lighting Design Guide](#) course in SOC Learns.

## Course Dates Still To Be Determined

### Intersection Design (TETP)

**Description:** This course is a continuation of the Applied Roadway Design course with a focus on design elements of intersection layout and function. Key objectives are to identify primary impacts and input from other disciplines, including Traffic, Safety, ADA, and Drainage Design. Part of the course focus will be the importance of interdisciplinary communication and coordination.

**When:** This course is expected to be scheduled in Spring 2025. Dates to be determined.

**Where:** CDOT HQ at 2829 West Howard Place, Denver in the East Auditorium 162

**Register:** Enroll in the [Intersection Design](#) course in SOC Learns.