

# TECHNICAL TRAINING & CERTIFICATION PROGRAM (TTCP) & WORKDAY LEARNING

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# Presentation Overview

## Technical Training & Certification Program (TTCP)

Purpose

Certification Options

How to Search for Certifications

Non-Certification Training Options

Tips to Navigate Workday Learning

# WHAT IS IOWA DOT, TECHNICAL TRAINING AND CERTIFICATION PROGRAM (TTCP)?



Construction & Materials Bureau

Matls. IM 213

April 16, 2024

Supersedes October 16, 2018

## TECHNICAL TRAINING & CERTIFICATION PROGRAM

- Purpose and Goals:

- Ensure Quality Control (QC)/Quality Assurance (QA) and Acceptance of Aggregates, Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC), Soils, Erosion Control, Precast and Prestressed Concrete, and Pavement Profiles and to ensure proper documentation of QC/QA and acceptance procedures and test results by industry and Contracting Authority personnel. See [Materials IM 213](#) for additional details.
- Work with contractors, producers, cities, counties and organizations to continually improve the quality of Iowa's construction projects by promoting education and training for technicians.
- Provides training and certification courses in the areas of construction and materials for cities, counties, industry partners, producers, and consultants to ensure QC/QA

# WHO ADVISES ON POLICY GUIDELINES?



- Systems Operations Division Director formally approves general policy guidelines with guidance from a Board of Certification
- Board of Certification Make-up:
  - Construction and Materials Bureau Director
  - TTCP Coordinator
  - Representatives of the following:
    - District Materials Engineers (DMEs)
    - District Construction Engineers (DCEs)
    - Associated General Contractors (AGC)
    - Iowa Concrete Paving Association (ICPA)
    - Asphalt Paving Association of Iowa (APAI)
    - Iowa Ready Mixed Concrete Association (IRMCA)
    - Iowa Limestone Producers Association (ILPA)
    - County Engineers
    - American Council of Engineering Companies (ACEC-Iowa)

# WHAT CERTIFICATION COURSES ARE OFFERED?

Course Title	Description	Fees		Prerequisites
		New	Re-cert.	
Aggregate Sampler	Certified Sampling Technician	60	60	None
Aggregate Technician	Certified Aggregate Technician	480	120	None
Erosion Control	Erosion Control Technician	300	120	None
HMA Sampler	Certified HMA Sampling Technician	60	60	None
HMA Level I	Certified HMA Technician	600	120	Aggregate Technician
HMA Level II	Gyratory Mix Designer	600	120	HMA Level I
PCC Level I	Certified Concrete Tester	300	120	None
PCC Level II	Certified PCC Technician	480	120	Aggregate Technician & PCC Level I
PCC Level III	PCC Mix Designer	480	120	Level II PCC
Prestress Technician	Prestress Technician	360	120	•PCC Level I or ACI Level I
Ride Quality	Ride Quality Technician	240	120	None
Soils Technician	Soils Technician	240	120	None
Nuclear Gauge	Nuclear Gauge Operator (DOT ONLY)	N/A	N/A	None

•If the Certified Prestress Technician will be running gradations, they will need to be Aggregate Technician certified.

**2025-2026 TTCP Registration Book:**  
<https://iowadot.gov/med/ia/375/download?inline>

## What is the Technical Training Certification Program?

[About the Program](#)

[Construction Funds](#)

[The Rules](#)

[Math Required](#)

[Course Summary Table](#)

↳ **Training**

[Certified Technicians & Certificates](#)

[Technical Training and Certification Program \(TTCP\)](#)

**TTCP Information and Registration Booklet**

[TTCP Manuals](#)

[TTCP Training Videos](#)

[Cancellation and Refund Policy](#)

[Online Training](#)

[Other Resources & Technology](#)

NOTE: ALL Certification Classes are IN-PERSON  
 See [Course Summary Table](#)

# CAN I SEE WHO HAS WHAT CERTIFICATION?

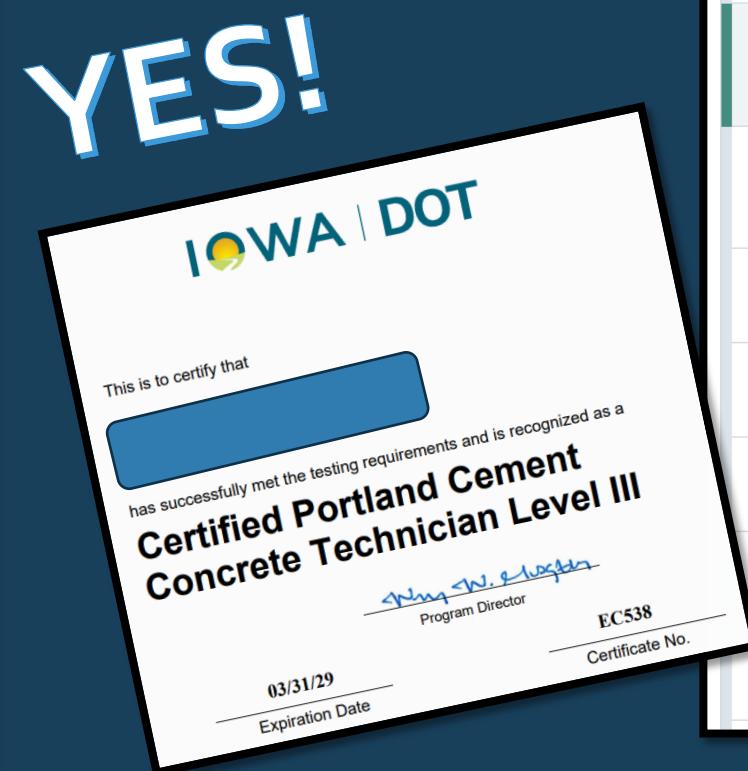
2025 Certified Technicians Book 

Erosion Control Basic 

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## 2025 Printable Certificates

Aggregate Sampler 	Level II PCC 
Aggregate Technician 	Level III PCC 
Erosion Control 	Nuclear Gauge 
HMA Sampler 	Ride Quality 
Level I HMA 	Prestress 
Level II HMA 	Soils 
Level I PCC 	



Training 

**Certified Technicians & Certificates**

Technical Training and Certification Program (TTCP)

TTCP Information and Registration Booklet

TTCP Manuals

TTCP Training Videos

Cancellation and Refund Policy

Online Training

Other Resources & Technology

NOTE: Certificates are only issued after payment is received. If you are missing your certificate, the invoice comes in the email confirmation after enrollment.

# CAN I SEE WHO HAS WHAT CERTIFICATION CONTINUED?

The image shows a screenshot of a website interface. At the top, there is a navigation bar with a 'Training' link. Below the navigation bar, a search bar contains the text 'berg' and shows a count of '1/27' with up and down arrows. To the left of the search bar, there is a dropdown menu with two items: '2025 Certified Technicians Book' and 'Erosion Control Basic', each with a download icon. Below this, a section titled '2025 Printable Certificates' is visible. A large blue arrow points from the text 'Ctrl F' to the search bar. A blue rounded rectangle highlights the 'Certified Technicians & Certificates' link in the navigation bar. A large blue rounded rectangle also highlights the 'Certified Technicians as of December 26, 2025' table below. The table has 16 columns and 16 rows, with the first two rows being header rows. The columns are labeled: lname, fname, cert\_no, aggsam, aggtech, erosion, hmasam, hma1, hma2, pcc1, pcc2, pcc3, pstress, ng, ridequal, and soils. The data in the table includes names like BERG, BERGANTZEL, BERGFELD, BERGMAN, BERGREN, BERGSTROM, BERKENPAS, BERRY, and BERTELLI, along with their respective certification numbers and dates.

Certified Technicians as of December 26, 2025															
lname	fname	cert_no	aggsam	aggtech	erosion	hmasam	hma1	hma2	pcc1	pcc2	pcc3	pstress	ng	ridequal	soils
BERG		418067		03/31/27	3/31/2028		03/31/28		03/31/27	03/31/28			03/31/26	03/31/29	03/31/28
BERG		525026													03/31/30
BERGANTZEL		119073		03/31/30		03/31/29			03/31/29						
BERGANTZEL		123068		03/31/28			03/31/28		03/31/28						03/31/29
BERGFELD		622066		03/31/27			03/31/29		03/31/27	03/31/28					
BERGMAN		CI042	03/31/29			03/31/29			03/31/29						
BERGREN		418009		03/31/28											
BERGSTROM		122085							03/31/27						
BERKENPAS		325057	03/31/30			03/31/30									
BERRY		220053							03/31/27						
BERTELLI		622072							03/31/27						
BERTELLI		EC289							03/31/28						

# WHAT NON-CERTIFICATION COURSES ARE OFFERED?

Course Title	Description	Fee	Prerequisite	
		New	Recert	
HMA Paving Field Inspection	HMA Paving Inspection	--	--	None
Structures Field Inspection	Structural Inspection	--	--	None
PCC Paving Field Inspection	PCC Paving Inspection	--	--	None
Grading Field Inspection	Grade Inspection	--	--	None
Contract Administration Introduction	Introduction to Contract Administration	120	N/A	None
Contract Administration Navigating Contractual Elements	Contract Administration Navigating Contractual Elements	240	N/A	None
Contract Administration Understanding Davis-Bacon Payrolls & Compliances	Contract Administration Understanding Davis-Bacon Payrolls & Compliances	120	N/A	None
Advanced Contract Administration: Understanding Materials & Closeout Compliance	Advanced Contract Administration: Understanding Materials & Closeout Compliance	240	N/A	None

## What is the Technical Training Certification Program?

About the Program

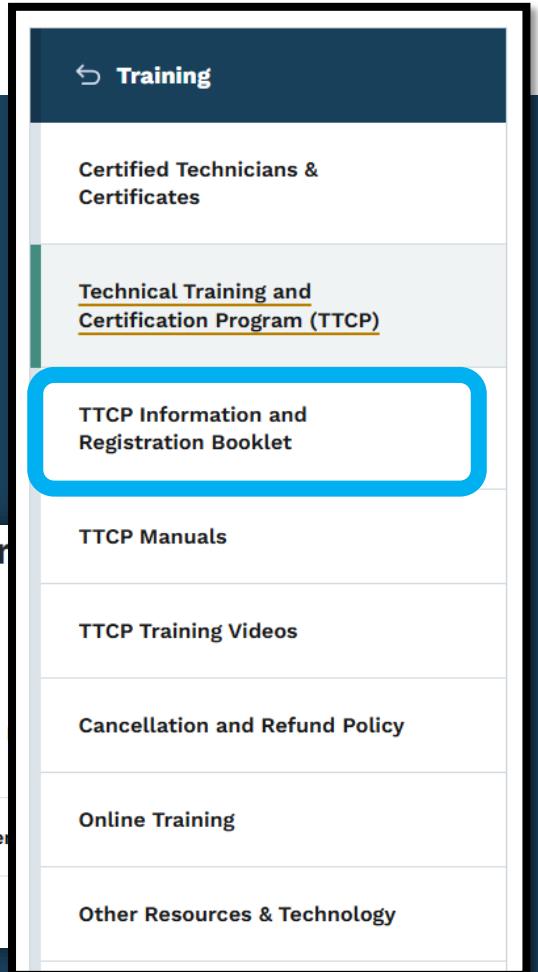
Construction Funds

The Rules

Math Requirements

Course Summary Table

See [Course Summary Table](#)



The screenshot shows a website navigation menu on the right with a blue box highlighting the 'TTCP Information and Registration Booklet' link. Below this, several other menu items are listed: 'About the Program', 'The Rules', 'Course Summary Table', 'Construction Funds', 'Math Requirements', 'Online Training', and 'Other Resources & Technology'. The background of the main content area is dark blue.

# CONTRACT ADMINISTRATION TRAINING

- **Module 1: Contract Administration Introduction**
  - Basic overview / introduction for new inspectors.
  - March 4, 2026 or June 2, 2026
- **Module 2: Navigating Contractual Elements**
  - Subcontracts, Payments, Davis Bacon, DBE's
  - Contract Time, Change Orders, etc.
  - March 12-13, 2026
- **Module 3: Understanding Davis-Bacon Payrolls Compliance**
  - **NEW!** Federal-aid wage rate reports
  - March 24, 2026
- **Module 4: Advanced Contract Administration:  
Understanding Materials Audit and Project Closeout**
  - **NEW!** Expanding on previous classes including Materials IM 101 Forms and the LPA Pre-Audit Checklist
  - March 19-20, 2026



# WHAT OTHER TRAININGS ARE AVAILABLE THROUGH TTCP?

## On this page...

- [Plant](#)
- [Aggregate](#)
- [HMA](#)
- [PCC](#)
- [Soils](#)

### HMA

- [Sampling Aggregate at an Asphalt Plant](#)
- [Sampling Asphalt Binder](#)
- [Sampling Asphalt Emulsion \(Tack\)](#)
- [HMA Template Sampling](#)
- [HMA Windrow Sampling](#)
- [Cutting Cores](#)
- [IM 357 Splitting](#)
- [IM 325G Gyratory Compaction](#)
- [IM 321 Gmb \(Density\)](#)
- [IM 350 Gmm \(Rice\)](#)
- [Measuring Field Cores Thickness](#)

## HMA Example:

- On Demand YouTube Videos
- Direct Links

## ↳ Training

[Certified Technicians & Certificates](#)

[Technical Training and Certification Program \(TTCP\)](#)

[TTCP Information and Registration Booklet](#)

[TTCP Manuals](#)

[TTCP Training Videos](#)

[Cancellation and Refund Policy](#)

[Online Training](#)

[Other Resources & Technology](#)

[Contact](#)

# OTHER TRAININGS AVAILABLE THROUGH TTCP - YOUTUBE

YouTube



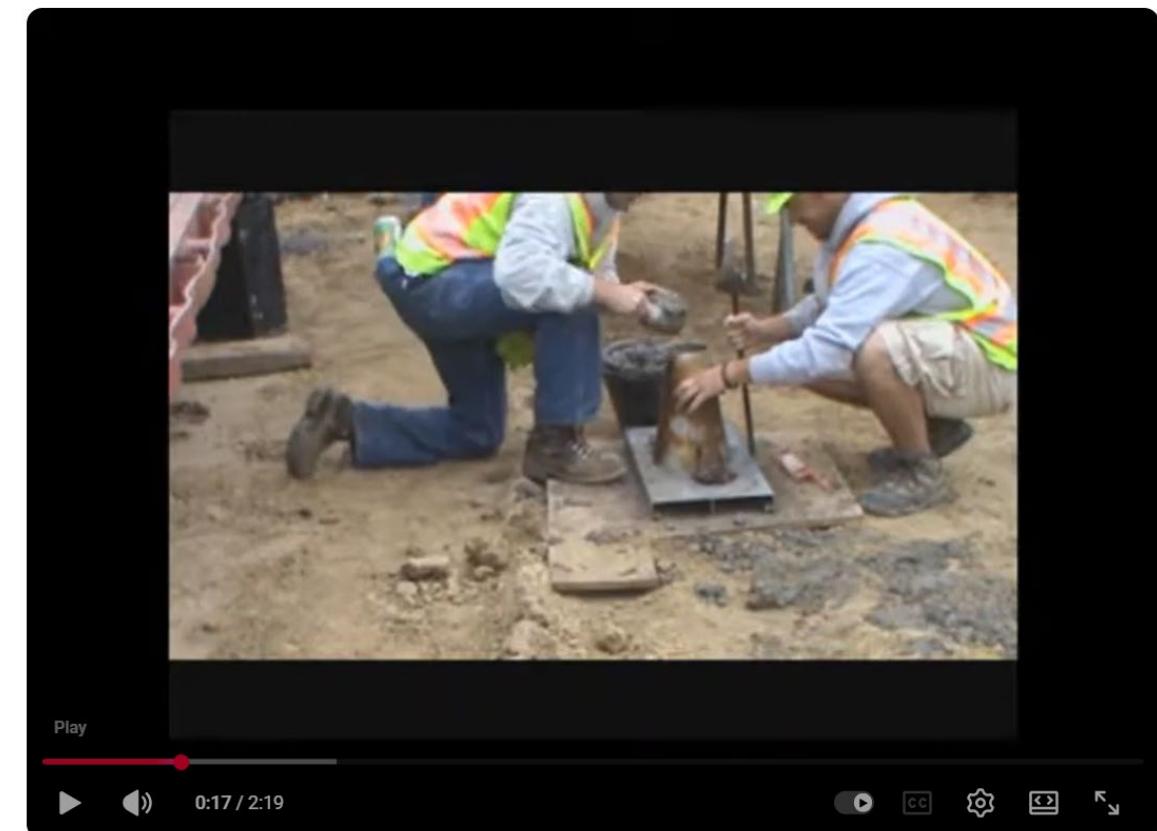
Measuring a Core

IOWA DOT  
11.4K subscribers

Subscribe

Like 3 | Dislike | Share | Save | ...

YouTube



PCC Slump

IOWA DOT  
11.4K subscribers

Subscribe

Like 0 | Dislike | Share | Save | ...

# OTHER TRAININGS AVAILABLE THROUGH TTCP

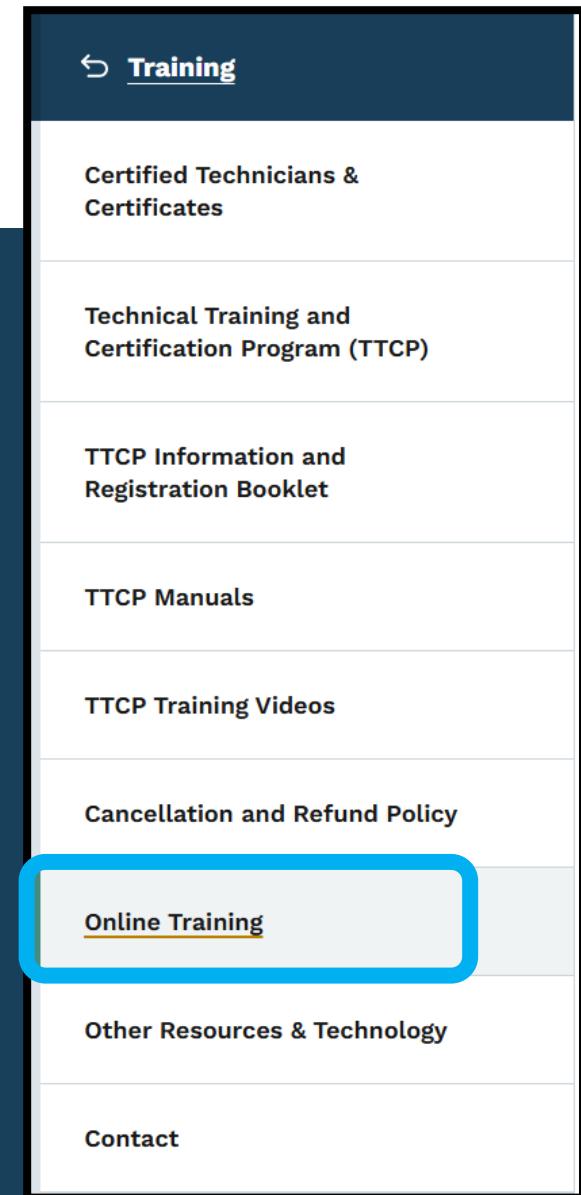
## Iowa DOT Learning Management System Transition

- Workday Learning has replaced IowaDOTU.

## Online Training

From Workday Learning Home:

1. Click on browse topics
2. Select the Technical Training and Certification Program topic
3. Select the check box On Demand and you will see the list of all online courses available to you



# TIPS TO NAVIGATE WORKDAY LEARNING

## Action Steps

1. [Create Your Workday Learning Account.](#) [.pdf](#)
2. [Log in to Workday Learning](#)
3. [Enroll in Training through Workday Learning](#) [.pdf](#)

### Tips:

- Follow linked instructions circled above.
- If you do not get an email verification within 30 minutes of changing your password, or if you get locked out of Workday Learning, reach out to Iowa DOT.
  - TTCP Trainings: [dot.ttcp@iowadot.us](mailto:dot.ttcp@iowadot.us)
  - Local Systems Trainings: [marybeth.sprouse@iowadot.us](mailto:marybeth.sprouse@iowadot.us)

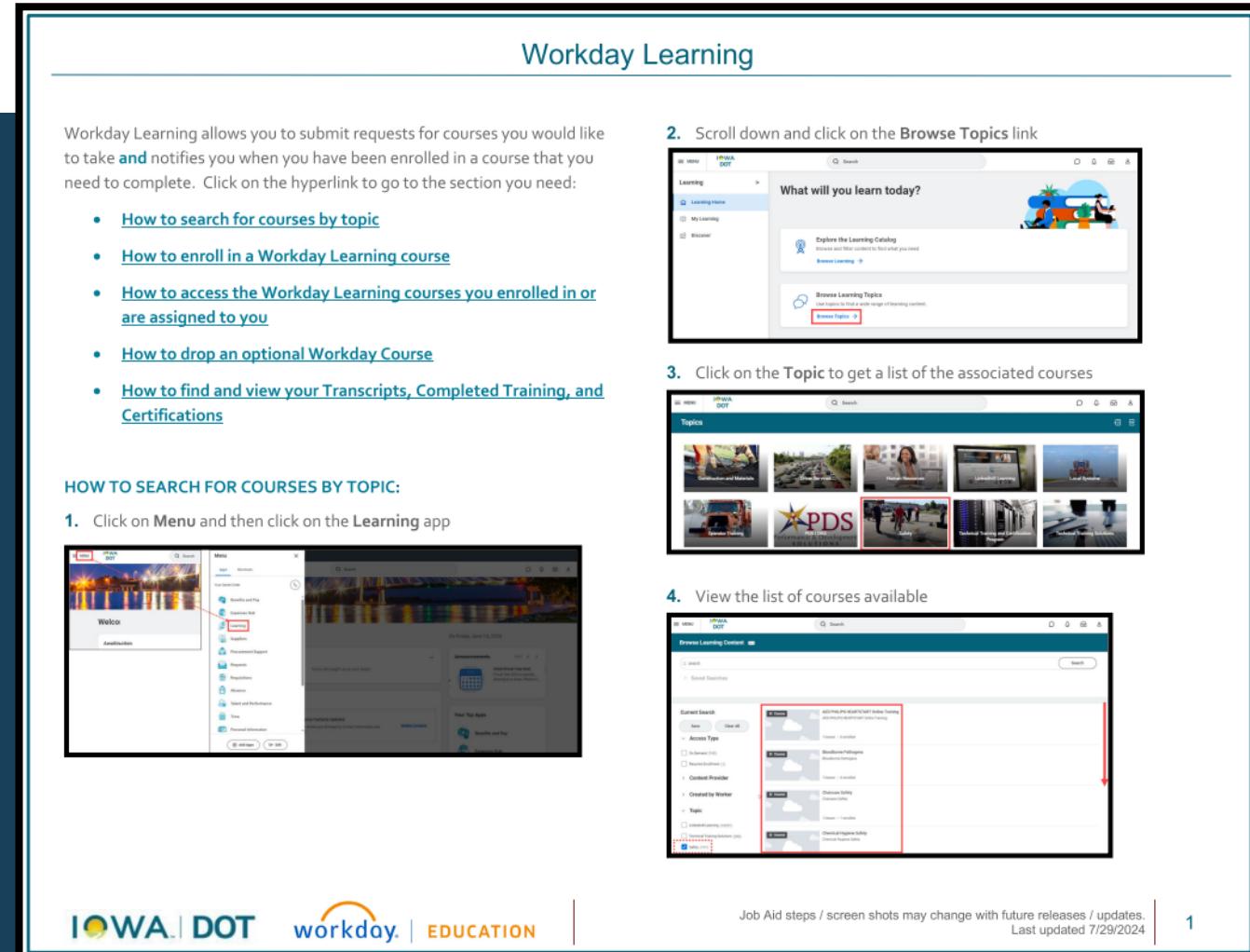
## Workday Learning

Workday Learning allows you to submit requests for courses you would like to take and notifies you when you have been enrolled in a course that you need to complete. Click on the hyperlink to go to the section you need:

1. [How to search for courses by topic](#)
2. [How to enroll in a Workday Learning course](#)
3. [How to access the Workday Learning courses you enrolled in or are assigned to you](#)
4. [How to drop an optional Workday Course](#)
5. [How to find and view your Transcripts, Completed Training, and Certifications](#)

**HOW TO SEARCH FOR COURSES BY TOPIC:**

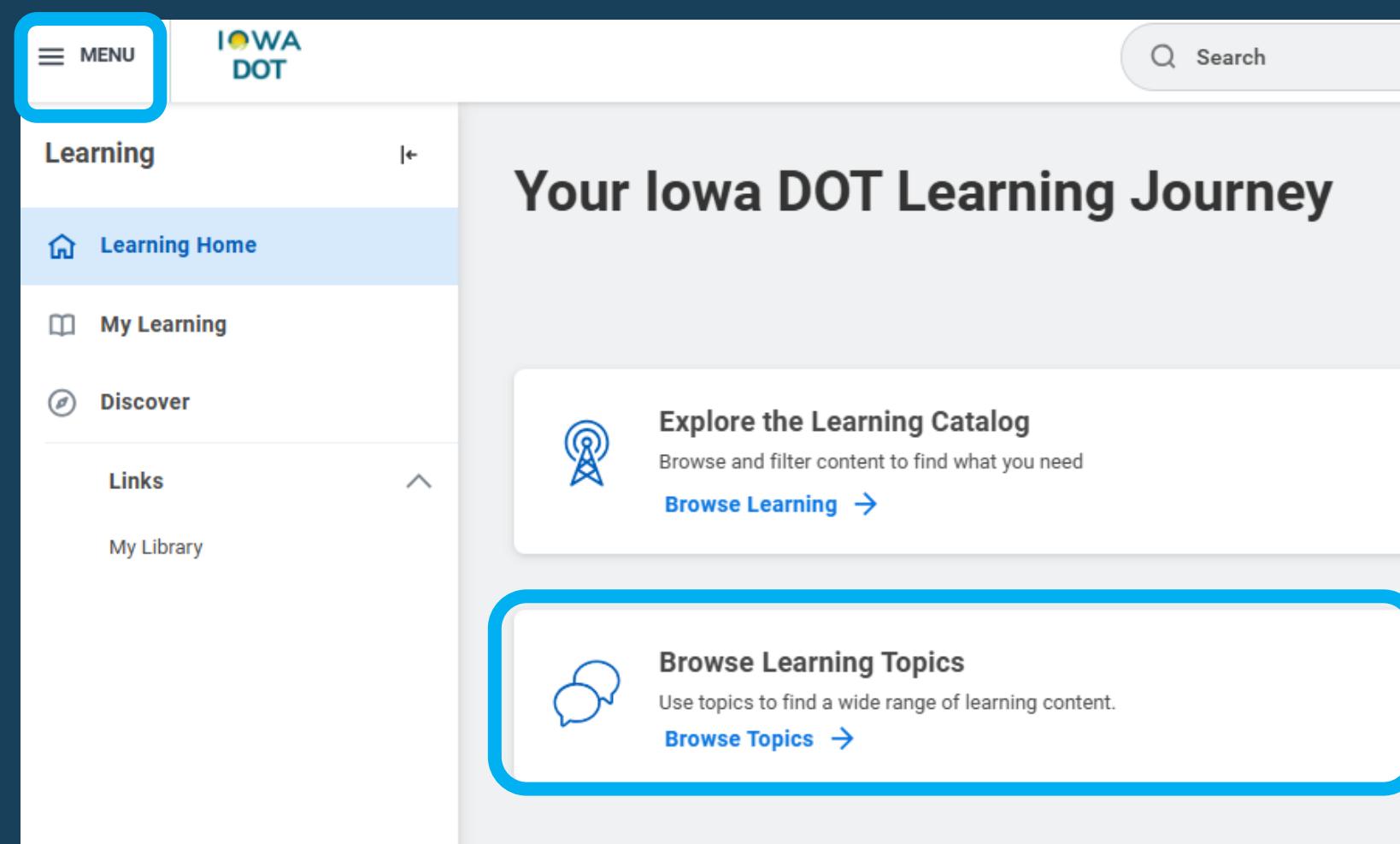
1. Click on Menu and then click on the Learning app
2. Scroll down and click on the Browse Topics link
3. Click on the Topic to get a list of the associated courses
4. View the list of courses available



Job Aid steps / screen shots may change with future releases / updates.  
Last updated 7/29/2024



# MORE TIPS TO FIND WORKDAY LEARNING



The screenshot shows the Iowa DOT Learning Journey homepage. The left sidebar has a 'MENU' button (circled in blue) and links for 'Learning', 'Learning Home' (highlighted in blue), 'My Learning', 'Discover', 'Links' (with a dropdown arrow), and 'My Library'. The main content area has a 'Search' bar and the heading 'Your Iowa DOT Learning Journey'. It features two main callouts: 'Explore the Learning Catalog' with a radio icon and 'Browse Learning Topics' with a speech bubble icon. The 'Browse Learning Topics' callout is also circled in blue.

Learning

IOWA DOT

Learning

Learning Home

My Learning

Discover

Links

My Library

Search

Your Iowa DOT Learning Journey

Explore the Learning Catalog

Browse and filter content to find what you need

Browse Learning →

Browse Learning Topics

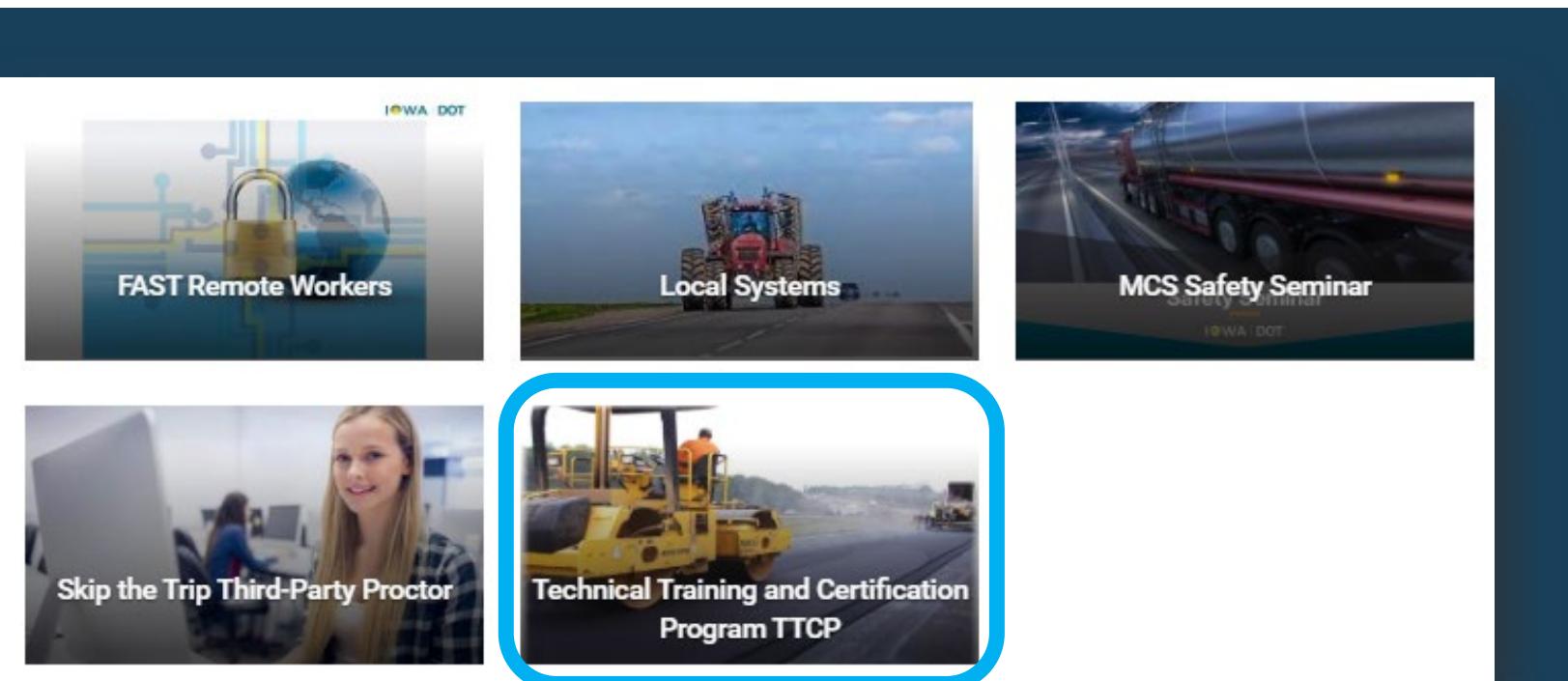
Use topics to find a wide range of learning content.

Browse Topics →

## Tips:

- Menu – Learning
- Browse Learning Topics

# MORE TIPS TO NAVIGATE WORKDAY LEARNING



- 29 Certification Courses
- 20 On Demand Courses

- ▼ **Access Type**
  - Requires Enrollment (38)
  - On Demand (20)
- ▼ **Certification**
  - PCC Level II - TTCP (3)
  - PCC Level I - TTCP (3)
  - HMA Level I - TTCP (3)
  - Erosion Control - TTCP (3)
  - Aggregate Technician - TTCP (3)
  - Soils Technician - TTCP (2)
  - Ride Quality - TTCP (2)
  - Prestress Technician - TTCP (2)
  - PCC Level III - TTCP (2)
  - HMA Sampler - TTCP (2)
  - HMA Level II - TTCP (2)
  - Aggregate Sampler - TTCP (2)

# WORKDAY LEARNING ONLINE COURSES

## Iowa Basic Plan Reading



### Math Basics Series for Highway Technicians

The Math Basics Series for Highway Technicians has been designed to provide you with all of the basic math concepts you'll need on the job. The series provides participants with a basic math review (including a review of using a calculator, basic arithmetic – addition, subtraction, multiplication, and division, as well as reviewing order of operations, decimals, and fractions), and then presents math instruction in context. Instead of solving abstract math problems, participants will immerse themselves ...

[Show All](#) ▾

#### Other Online Course Options:

- MAPLE
- Reviews for Recertifications
- Materials IM 204
- Iowa Basic Plan Reading
- Iowa Traffic Control & Personal Safety
- Math Basics for Highway Techs
- PCC Paving Field Inspection
- Structures Field Inspection

[Lessons in This Course](#)

[Additional Course Details](#)

Lessons in This Course

Completed

0/1

[Save](#)

# QUESTIONS?



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## **General TTCP Questions**

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Local Systems Questions