

TECHNICAL TRAINING & CERTIFICATION PROGRAM (TTCP) & WORKDAY LEARNING

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Deputy Director

Local Systems Bureau

Iowa Department of Transportation

Presentation Overview

Technical Training & Certification Program (TTCP)

Purpose

Certification Options

How to Search for Certifications

Non-Certification Training Options

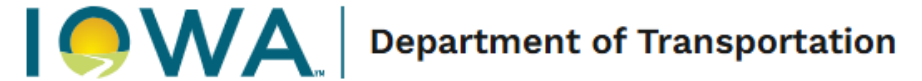
Tips to Navigate Workday Learning

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



- 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/media/375/download?inline>

What is the Technical Training Certification Program?

About the Program



Construction
Funds

The Rules



Math Require

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

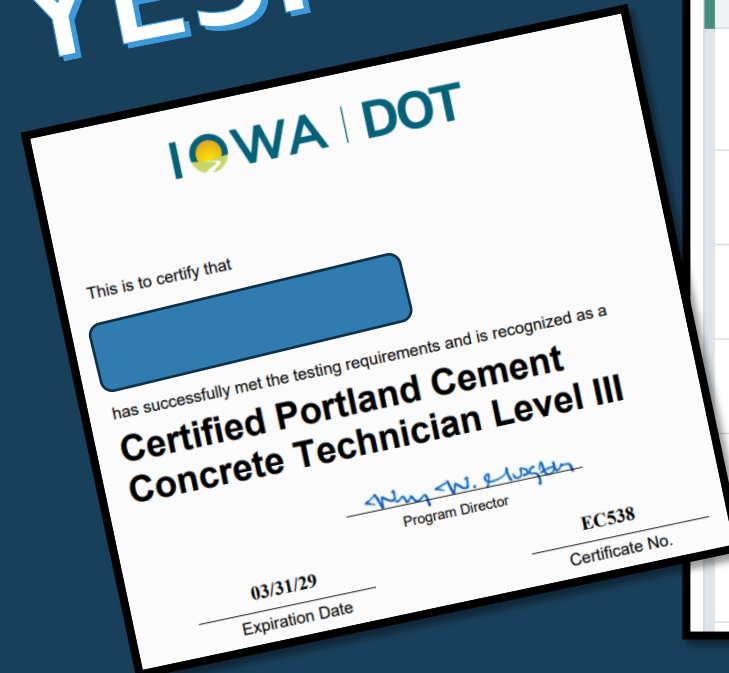
Other Resources & Technology

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		↓
<hr/>		
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	↓	

YES!



↩ Training
Certified Technicians & Certificates
<u>Technical Training and Certification Program (TTCP)</u>
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?

2025 Certified Technicians Book



Erosion Control Basic



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1/27



2025 Printable Certificates

Training

Certified Technicians & Certificates

Technical Training and Certification Program (TTCP)

TTCP Information and Registration Booklet

TTCP Manuals

TTCP Training Videos

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

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Other Resources & Technology

See [Course Summary Table](#)

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 Example:

- On Demand YouTube Videos
- Direct Links

HMA

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

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

Search



Measuring a Core

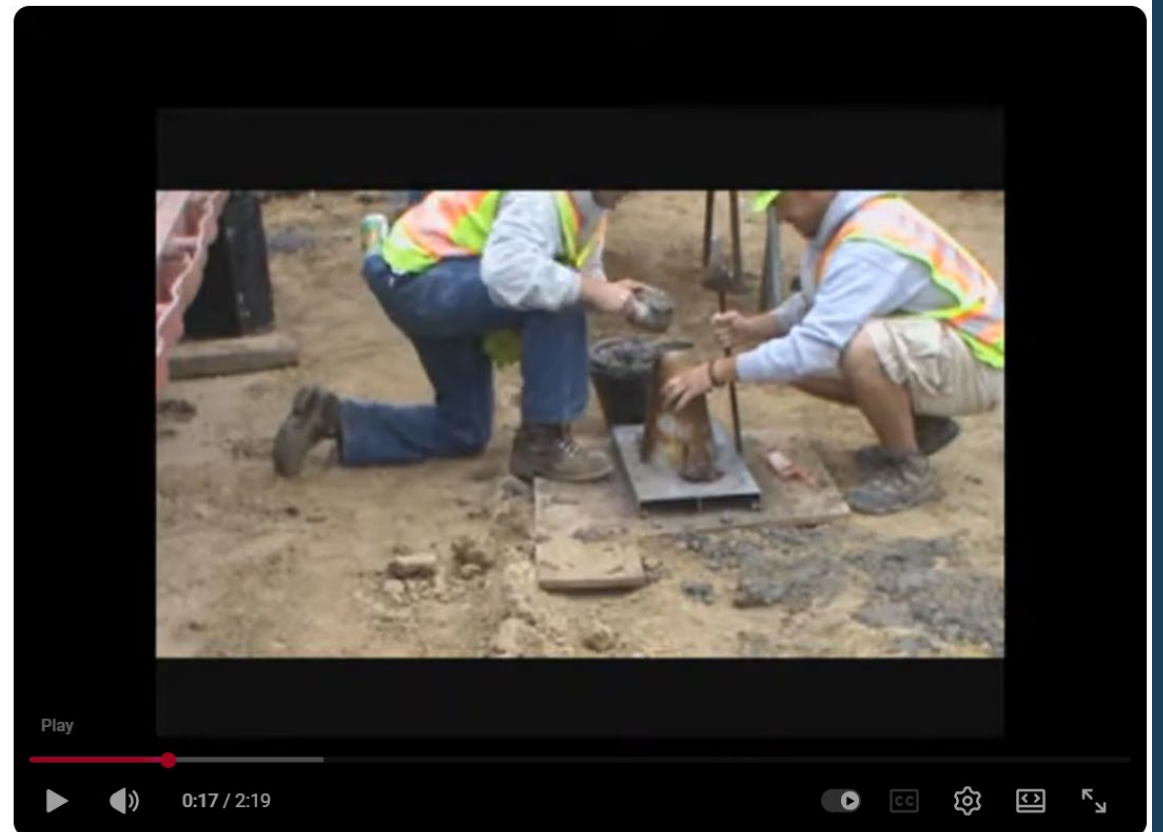
IowaDOT
11.4K subscribers

Subscribe

3 Likes | Share | Save | ...

YouTube

Search



PCC Slump

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OTHER TRAININGS AVAILABLE THROUGH TTCP

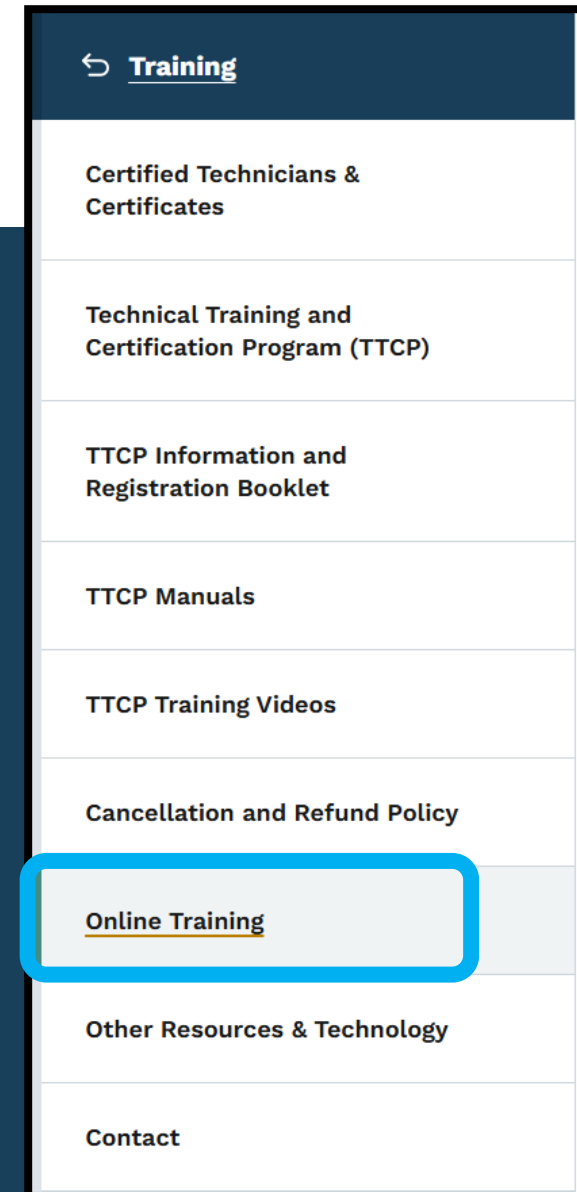
Iowa DOT Learning Management System Transition

- 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
 - Local Systems Trainings: marybeth.sprouse@iowadot.us

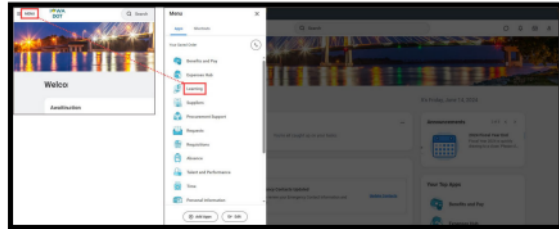
Workday Learning

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:

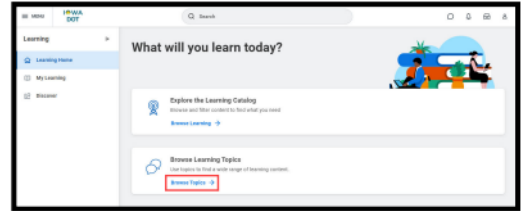
- [How to search for courses by topic](#)
- [How to enroll in a Workday Learning course](#)
- [How to access the Workday Learning courses you enrolled in or are assigned to you](#)
- [How to drop an optional Workday Course](#)
- [How to find and view your Transcripts, Completed Training, and Certifications](#)

HOW TO SEARCH FOR COURSES BY TOPIC:

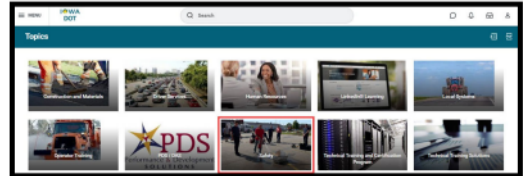
1. Click on **Menu** and then click on the **Learning** app



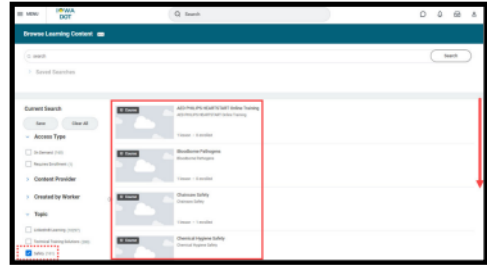
2. Scroll down and click on the **Browse Topics** link






3. Click on the **Topic** to get a list of the associated courses



4. View the list of courses available

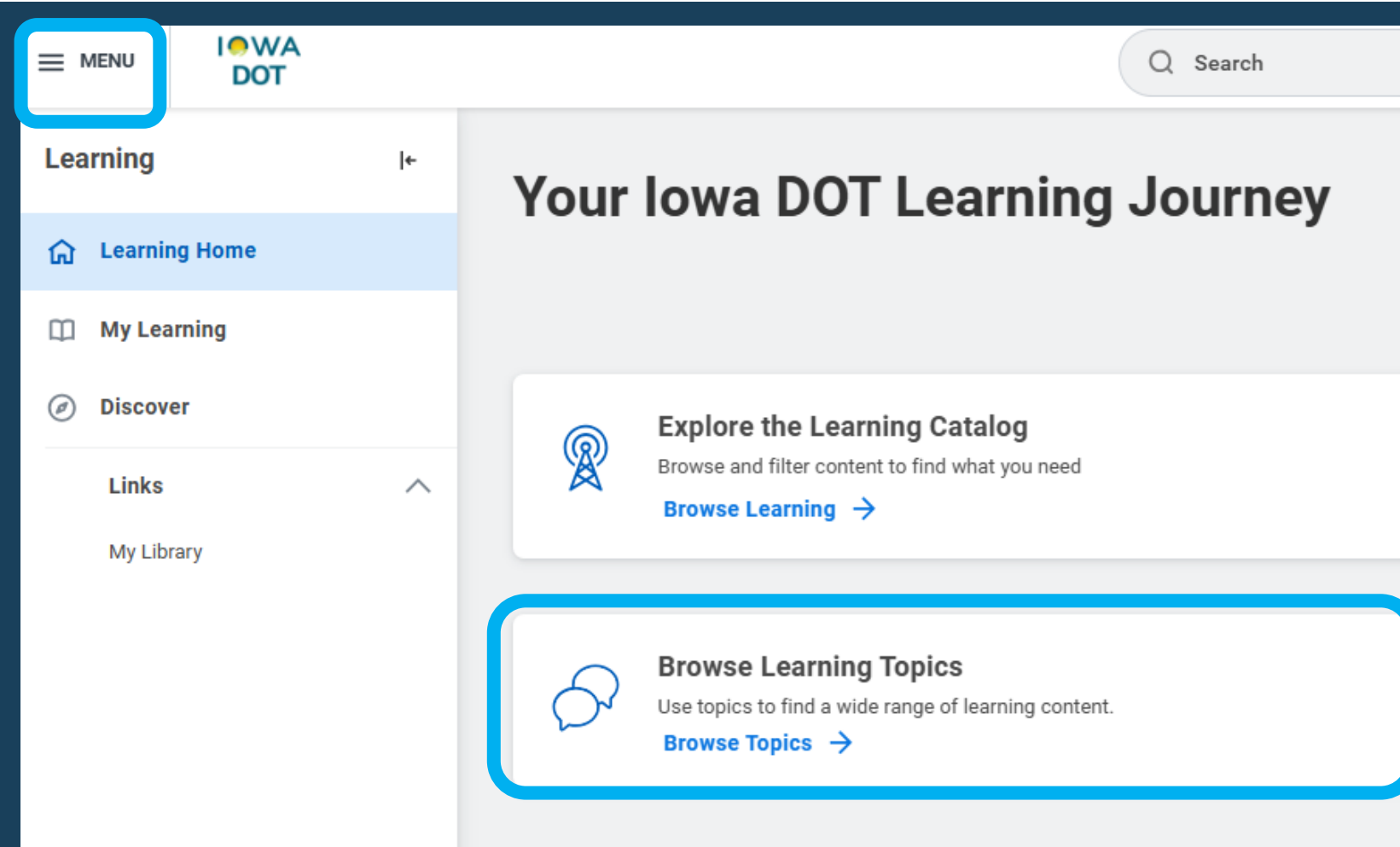




Job Aid steps / screen shots may change with future releases / updates.
Last updated 7/29/2024

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MORE TIPS TO FIND WORKDAY LEARNING



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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Local Systems Questions