





2021 - 2022 MnDOT Technical Certification Schedule

NEW THIS YEAR

ALL CLASS NAMES, CLASS DESCRIPTIONS AND CLASS NUMBERS HAVE CHANGED. PLEASE VISIT THE LSC WEBSITE FOR DETAILS:

https://training.lsc.edu/home/mndot-technical-certification/

- Classes WITHOUT a lab component will be held virtually via ZOOM
- Classes WITH a lab component will be a hybrid (both in-person and virtually via Zoom)
- All RECERTIFICATION classes will be held virtually via Zoom

In-Person Training Locations:

ARM Office Eagan (Aggregate Ready-Mix Association): 2955 Eagandale Blvd, Eagan 55121

WSB Duluth: 2314 W Michigan Street, Duluth 55806

WSB Rochester: 3701 – 40th Ave NW #100, Rochester 55901

ACCESSING YOUR VIRTUAL CLASS (Zoom): Please use your personal email address when registering. A link will be sent to your email address prior to the start of your class, along with any sign-in instructions. PLEASE watch for this email. Contact LSC immediately if you have any questions.

BRIDGE CONSTRUCTION: If you are taking the ten-day **Bridge Construction** this year, please see attachment at the end of this brochure for required prerequisites. You will not be admitted into the class without proper documentation showing that you have completed the required work. You will also need a copy (PDF or hard copy) of the new 2020 MnDOT Spec Book. Order form can be found on our website. **Allow 30-days for delivery of hard copy book.**

CERTIFICATION EXPIRATION: If any of your certifications show an expiration date of 5.31.22, you must complete a recertification class this training season to retain certification in that area. If your certification has expired, you must successfully complete the original certification course, including any performance evaluations. For more information contact John Micheau at the Technical Certification Unit: Phone: (612) 346.3981 Email: tech-cert.dot@state.mn.us

COVID-19 PRECAUTIONS: For all in-person interaction, you will be required to fill out a health questionnaire, practice social distancing, wear appropriate PPE, and may be required to have your temperature taken prior to entering the classroom/lab. Failure to follow these guidelines may result in your removal from the class. These precautions will be updated as suggested by the CDC and MDH.

ONLINE EXAMS: All of our class exams will be taken online, using a computer or laptop. (Note: tablets and phones will not work for the exam). To take the exam on your home or work computer, you MUST have a **VIDEO CAMERA** (built-in or external) for use during the entire exam. Only one person at a time can be on a computer while taking the exam. Please make arrangements **now** to ensure you will have the proper equipment for your class and the exam.

ONLINE EXAM LABS: People who need special support or accommodations may schedule an in-person, online exam session. More information on how to schedule these sessions will be provided at a later date. COVID-19 conditions permitting, these will be offered at scheduled times during the training season at computer labs in the St. Cloud and Arden Hills MnDOT offices.

Questions regarding certification: John Micheau at tech-cert.dot@state.mn.us or (612) 346.3981

Questions regarding registration: Shannon Wark at shannon.wark@lsc.edu or (218) 733.5959

Questions regarding:

Aggregate Production Tester Certification Lab component scheduling Concrete Field Tester Certification Lab component scheduling Grading and Base Tester Certification Lab component scheduling Computer lab online exam scheduling

Suzanne Johnsrud at suzanne.johnsrud@lsc.edu or (218) 428.1002

REGULAR CLASSES

Aggregate Production Tester Certification (one day of classroom instruction either in-person or virtually, and one time slot for lab) \$500 Formerly known as: Aggregate Production

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	<u>Registration</u>	Number of students: 2

11.15.21 **APTC-001** https://training.lsc.edu/home/mndot-technical-certification/ Zoom

Lab options for APTC-001 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
8 am – noon	11.18.21	WSB Rochester	In-Person	You will be contacted by LSC
10 am – 3 pm	11.18.21	WSB Rochester	In-Person	to schedule your lab assignment.
1 pm – 5 pm	11.18.21	WSB Rochester	In-Person	Contact Suzanne with any questions.
8 am – noon	11.19.21	WSB Rochester	In-Person	
10 am – 3 pm	11.19.21	WSB Rochester	In-Person	
1 pm – 5 pm	11.19.21	WSB Rochester	In-Person	

Class Method of Method of **Instruction Date** Number **Delivery** Registration Number of students: 12 In-Person/WSB Rochester https://training.lsc.edu/home/mndot-technical-certification/ 11.16.21 APTC-002

Lab options for APTC-002 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – noon	11.17.21	WSB Rochester	In-Person	You will be contacted by LSC
10 am – 3 pm	11.17.21	WSB Rochester	In-Person	to schedule your lab assignment.
1 pm – 5 pm	11.17.21	WSB Rochester	In-Person	Contact Suzanne with any questions.

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 24
12.6.21	APTC-003	Zoom	https://training.lsc.	edu/home/mndot-technical-certification/

Lab options for APTC-003 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
8 am – noon	12.9.21	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	12.9.21	ARM Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	12.9.21	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	12.10.21	ARM Office Eagan	In-Person	
10 am – 3 pm	12.10.21	ARM Office Eagan	In-Person	
1 pm – 5 pm	12.10.21	ARM Office Eagan	In-Person	

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 12
12.7.21	APTC-004	In-Person/ARM	https://training.lsc.e	edu/home/mndot-technical-certification/

Lab options for APTC-004 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
8 am – noon	12.8.21	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	12.8.21	ARM Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	12.8.21	ARM Office Eagan	In-Person	Contact Suzanne with any questions.

	<u>Class</u>	<u>Method of</u>	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 24
1.3.22	APTC-005	Zoom	https://training.lsc.	edu/home/mndot-technical-certification/

Lab options for APTC-005 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – noon	1.6.22	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	1.6.22	ARM Office Eagan	In-Person	to schedule your lab assignment.

Instruction Date	<u>!</u>	<u>Class</u> <u>Number</u>	<u>Method of</u> <u>Delivery</u>	Method of Registration	Number of students: 24
		Class	Method of	Method of	
1 pm – 5 pm	1.20.22	VVSE	3 Duluth	In-Person	
10 am – 3 pm	1.20.22 1.20.22		B Duluth	In-Person	
8 am – noon	1.20.22		B Duluth	In-Person	
1 pm – 5 pm	1.19.22		B Duluth	In-Person	Contact Suzanne with any questions.
10 am – 3 pm	1.19.22		B Duluth	In-Person	to schedule your lab assignment.
8 am – noon	1.19.22		B Duluth	In-Person	You will be contacted by LSC
Time	<u>Date</u>		i <u>tion</u>	Method of Delivery	Method of Registration
=			ach lab slot holds four		Mathad of Dagistustics
lab autiana fan 1	NDTC 000	(mints = m n)		or about diameter	
1.18.22		APTC-009	Zoom	https://training.lsc.edu/h	nome/mndot-technical-certification/
Instruction Date	<u> </u>	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 24
		<u>Class</u>	Method of	Method of	
1 pm – 5 pm	1.12.22		1 Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – 3 pm	1.12.22		1 Office Eagan	In-Person	to schedule your lab assignment.
8 am – noon	1.12.22		1 Office Eagan	In-Person	You will be contacted by LSC
Time	<u>Date</u>	•	ition	Method of Delivery	Method of Registration
Lab options for A	APTC-008	(pick one) – ed	ach lab slot holds four	r students	
1.11.22		APTC-008	In-Person/ARM	nttps://training.lsc.edu/h	nome/mndot-technical-certification/
Instruction Date	<u>!</u>	Number	Delivery	Registration	Number of students: 12
Impalmination D. 1		Class	Method of	Method of	Number of students 42
				2011 1 0	
1 pm – 5 pm	1.14.22	ARM	1 Office Eagan	In-Person	
10 am – 3 pm	1.14.22		1 Office Eagan	In-Person	
8 am – noon	1.14.22	ARM	1 Office Eagan	In-Person	
1 pm – 5 pm	1.13.22	ARM	1 Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – 3 pm	1.13.22	ARM	1 Office Eagan	In-Person	to schedule your lab assignment.
8 am – noon	1.13.22	ARM	1 Office Eagan	In-Person	You will be contacted by LSC
<u>Time</u>	<u>Date</u>	· · · · · · · · · · · · · · · · · · ·	<u>tion</u>	Method of Delivery	Method of Registration
Lab options for A	APTC-007	(pick one) – ed	ach lab slot holds four	r students	
1.10.22		APTC-007	Zoom	https://training.lsc.edu/h	nome/mndot-technical-certification/
Instruction Date	<u>!</u>	Number	Delivery	Registration	Number of students: 24
		Class	Method of	Method of	
			<u> </u>		
1 pm – 5 pm	1.5.22		1 Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – 3 pm	1.5.22		1 Office Eagan	In-Person	to schedule your lab assignment.
8 am – noon	1.5.22		1 Office Eagan	In-Person	You will be contacted by LSC
Time	Date	•	ach lab slot holds four I tion	Method of Delivery	Method of Registration
Lab antions for /	NDTC 006	(nick ana) a	ach lah slat halds faw	r students	
1.4.22		APTC-006	In-Person/ARM	https://training.lsc.edu/h	nome/mndot-technical-certification/
Instruction Date	!	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 12
		Class	Method of	Method of	
1 pm – 5 pm	1.7.22	ARM	1 Office Eagan	In-Person	
10 am – 3 pm	1.7.22		1 Office Eagan	In-Person	
8 am – noon	1.7.22		1 Office Eagan	In-Person	Contact Suzanne with any questions.
1 pm – 5 pm			1 Office Eagan		

Lab options for APTC-010 (pick one) – each lab slot holds four students

TimeDateLocationMethod of DeliveryMethod of Registration8 am - noon1.27.22ARM Office EaganIn-PersonYou will be contacted by LSC

10 am – 3 pm	1.27.22	ARM C	Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	1.27.22	ARM C	Office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	1.28.22	ARM C	Office Eagan	In-Person	
10 am – 3 pm	1.28.22	ARM C	Office Eagan	In-Person	
1 pm – 5 pm	1.28.22	ARM C	Office Eagan	In-Person	
		Class	Method of	Method of	
Instruction Date		<u>Number</u>	<u>Delivery</u>	<u>Registration</u>	Number of students: 12
1.25.22		APTC-011	In-Person/ARM	https://training.lsc.edu	/home/mndot-technical-certification/
Lab options for A	APTC-011	(pick one) – eacl	n lab slot holds fou	r students	
<u>Time</u>	<u>Date</u>	<u>Locati</u>	<u>on</u>	Method of Delivery	Method of Registration
8 am – noon	1.26.22	ARM C	office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	1.26.22	ARM C	Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	1.26.22	ARM C	Office Eagan	In-Person	Contact Suzanne with any questions.
		Class	Method of	Method of	
Instruction Date		Number	Delivery	Registration	Number of students: 24
2.15.22		APTC-012	Zoom		/home/mndot-technical-certification/
					,,
		**	n lab slot holds fou		
<u>Time</u>	<u>Date</u>	Location		Method of Delivery	Method of Registration
8 am – noon	2.16.22		Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	2.16.22		Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	2.16.22		Office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	2.17.22		Office Eagan	In-Person	
10 am – 3 pm	2.17.22		Office Eagan	In-Person	
1 pm – 5 pm	2.17.22	ARM C	Office Eagan	In-Person	
		Class	Method of	Method of	
Instruction Date	•	<u>Number</u>	<u>Delivery</u>	<u>Registration</u>	Number of students: 24
2.22.22		APTC-013	Zoom	https://training.lsc.edu	/home/mndot-technical-certification/
Lab options for A	APTC-013	(pick one) – eacl	n lab slot holds fou	r students	
<u>Time</u>	<u>Date</u>	<u>Location</u>	<u>on</u>	Method of Delivery	Method of Registration
8 am – noon	2.23.22	ARM C	Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	2.23.22	ARM C	Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	2.23.22	ARM C	office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	2.24.22	ARM C	Office Eagan	In-Person	
10 am – 3 pm	2.24.22	ARM C	Office Eagan	In-Person	
1 pm – 5 pm	2.24.22	ARM C	Office Eagan	In-Person	
		Class	Method of	Method of	
Instruction Date		Number	Delivery	Registration	Number of students: 24
3.7.22		APTC-014	Zoom	· · · ·	/home/mndot-technical-certification/
Lab options for A	APTC-014	(pick one) – eacl	n lab slot holds fou	r students	
<u>Time</u>	<u>Date</u>	Location	=	Method of Delivery	Method of Registration
8 am – noon	3.10.22	ARM C	Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	3.10.22	ARM C	office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	3.10.22		Office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	3.11.22	ARM C	Office Eagan	In-Person	
10 am – 3 pm	3.11.22	ARM C	Office Eagan	In-Person	
1 pm – 5 pm	3.11.22	ARM C	Office Eagan	In-Person	
		Class	Method of	Method of	
Instruction Date		Number	Delivery	Registration	Number of students: 12
2 2 22	•	ADTC-015	In-Derson/APM		/home/mndot-technical-certification/

Instruction Date

Number

Delivery

Registration

Number of students: 12

3.8.22

APTC-015

In-Person/ARM

https://training.lsc.edu/home/mndot-technical-certification/

Lab options for APTC-015 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – noon	3.9.22	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	3.9.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	3.9.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 24
3.21.22	APTC-016	Zoom	https://training.lsc.	edu/home/mndot-technical-certification/

Lab options for APTC-016 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – noon	3.24.22	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	3.24.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	3.24.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
8 am – noon	3.25.22	ARM Office Eagan	In-Person	
10 am – 3 pm	3.25.22	ARM Office Eagan	In-Person	
1 pm – 5 pm	3.25.22	ARM Office Eagan	In-Person	

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 12
3.22.22	APTC-017	In-Person/ARM	https://training.lsc.	edu/home/mndot-technical-certification/

Lab options for APTC-017 (pick one) – each lab slot holds four students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
8 am – noon	3.23.22	ARM Office Eagan	In-Person	You will be contacted by LSC
10 am – 3 pm	3.23.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
1 pm – 5 pm	3.23.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.

Bituminous Plant Tester Certification (two days of classroom instruction via Zoom plus performance review in the field TBD) \$500 Formerly known as: Bituminous Plant 1

	<u>Class</u>	Method of	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 30
1.3.22 - 1.4.22	BPTC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.6.22 - 1.7.22	BPTC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.24.22 - 1.25.22	BPTC-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.27.22 - 1.28.22	BPTC-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.7.22 - 2.8.22	BPTC-005	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.10.22 - 2.11.22	BPTC-006	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Bituminous Mix Designer Certification (five days of classroom instruction via Zoom) \$575

Formerly known as: Bituminous Plant 2

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students/class: 30
4.4.22 - 4.8.22	BMDC-001	Zoom	https://training.lsc.	edu/home/mndot-technical-certification/

Bituminous Street Inspector Certification (three days of classroom instruction via Zoom) \$575

Formerly known as: Bituminous Street

	<u>Class</u>	Method of	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 35
12.13.21 - 12.15.21	BSIC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.3.22 - 1.5.22	BSIC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.5.22 - 1.7.22	BSIC-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.7.22 – 2.9.22	BSIC-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

2.9.22 - 2.11.21	BSIC-005	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.23.22 - 3.25.22	BSIC-006	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Bridge Construction Inspector Certification (ten days of classroom instruction via Zoom plus prep work to be done <u>before class</u> – see attachment at end of brochure for instructions – you must also have a copy of the 2020 MnDOT Spec Book) \$1500 plus prerequisites

Formerly known as: Bridge Construction

ClassMethod ofMethod ofInstruction DateNumberDeliveryRegistrationNumber of students: 30

1.24.22 – 2.4.22 BCIC-001 Zoom https://training.lsc.edu/home/mndot-technical-certification/

Concrete Field Tester Certification - ACI (one day of classroom instruction either in person or virtually, and one time slot for lab) \$625

Formerly known as: Concrete Field 1 - ACI

ClassMethod ofInstruction DateNumberDeliveryRegistrationNumber of students: 3512.13.21CFTC-001Zoomhttps://training.lsc.edu/home/mndot-technical-certification/

Lab options for CFTC-001 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
2 pm 4 pm	12.15.21	ARM Office Eagan	In-Person	You will be contacted by LSC
8 am – 10 am	12.16.21	ARM Office Eagan	In-Person	to schedule your lab assignments.
9 am – 11 am	12.16.21	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – noon	12.16.21	ARM Office Eagan	In-Person	
11 am – 1 pm	12.16.21	ARM Office Eagan	In-Person	
1 pm – 3 pm	12.16.21	ARM Office Eagan	In-Person	
2 pm – 4 pm	12.16.21	ARM Office Eagan	In-Person	
8 am – 10 am	12.17.21	ARM Office Eagan	In-Person	
9 am – 11 am	12.17.21	ARM Office Eagan	In-Person	
10 am – noon	12.17.21	ARM Office Eagan	In-Person	
11 am – 1 pm	12.17.21	ARM Office Eagan	In-Person	
Noon – 2 pm	12.17.21	ARM Office Eagan	In-Person	
11 am - 1 pm 1 pm - 3 pm 2 pm - 4 pm 8 am - 10 am 9 am - 11 am 10 am - noon 11 am - 1 pm	12.16.21 12.16.21 12.16.21 12.17.21 12.17.21 12.17.21 12.17.21	ARM Office Eagan	In-Person In-Person In-Person In-Person In-Person In-Person In-Person	

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 15
12.14.21	CFTC-002	In-Person/ARM	https://training.lsc.e	edu/home/mndot-technical-certification/

Lab options for CFTC-002 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
8 am – 10 am	12.15.21	ARM Office Eagan	In-Person	You will be contacted by LSC
9 am – 11 am	12.15.21	ARM Office Eagan	In-Person	to schedule your lab assignment.
10 am – noon	12.15.21	ARM Office Eagan	In-Person	Contact Suzanne if you have any questions.
11 am – 1 pm	12.15.21	ARM Office Eagan	In-Person	
1 nm – 3 nm	12 15 21	ARM Office Fagan	In-Person	

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 35
1.31.22	CFTC-003	Zoom	https://training.lsc.e	edu/home/mndot-technical-certification/

Lab options for CFTC-003 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
2 pm – 4 pm	2.2.22	ARM Office Eagan	In-Person	You will be contacted by LSC
8 am – 10 am	2.3.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
9 am – 11 am	2.3.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – noon	2.3.22	ARM Office Eagan	In-Person	
11 am – 1 pm	2.3.22	ARM Office Eagan	In-Person	
1 pm – 3 pm	2.3.22	ARM Office Eagan	In-Person	
2 pm – 4 pm	2.3.22	ARM Office Eagan	In-Person	

8 am – 10 am	2.4.22		M Office Eagan	In-Person	
9 am – 11 am	2.4.22		M Office Eagan	In-Person	
10 am – noon	2.4.22		M Office Eagan	In-Person	
11 am -1 pm	2.4.22		M Office Eagan	In-Person	
Noon – 2 pm	2.4.22	AR	M Office Eagan	In-Person	
		Class	Method of	Method of	
Instruction Date	<u>e</u>	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 15
2.1.22		CFTC-004	In-Person/ARM	https://training.lsc.edu	/home/mndot-technical-certification/
Lab options for	CFTC-004	(pick one) – e	each lab slot holds thre	e students	
Time	<u>Date</u>		cation	Method of Delivery	Method of Registration
8 am – 10 am	2.2.22		M Office Eagan	In-Person	You will be contacted by LSC
9 am – 11 am	2.2.22		M Office Eagan	In-Person	to schedule your lab assignment.
10 am – noon	2.2.22		M Office Eagan	In-Person	Contact Suzanne with any questions.
11 am – 1 pm	2.2.22		M Office Eagan	In-Person	contract sazanne with any questions.
1 pm – 3 pm	2.2.22		M Office Eagan	In-Person	
1 hiii – 2 hiii	2.2.22	AN	IVI Office Lagari	III-Person	
		Class	Method of	Method of	_
Instruction Date	<u>e</u>	<u>Number</u>	<u>Delivery</u>	<u>Registration</u>	Number of students: 35
3.14.22		CFTC-005	Zoom	https://training.lsc.edu	/home/mndot-technical-certification/
Lab options for Time	CFTC-005 Date		each lab slot holds thre	e students Method of Delivery	Method of Registration
2 pm – 4 pm	3.16.22		M Office Eagan	In-Person	You will be contacted by LSC
8 am – 10 am	3.17.22		M Office Eagan	In-Person	to schedule your lab assignment.
9 am – 11 am	3.17.22		M Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – noon	3.17.22		M Office Eagan	In-Person	gontaet gazanne man any questioner
11 am – 1 pm	3.17.22		M Office Eagan	In-Person	
1 pm – 3 pm	3.17.22		M Office Eagan	In-Person	
2 pm – 4 pm	3.17.22		M Office Eagan	In-Person	
8 am – 10 am	3.18.22		M Office Eagan	In-Person	
9 am – 11 am	3.18.22		M Office Eagan	In-Person	
10 am – noon	3.18.22		M Office Eagan	In-Person	
11 am – 1 pm	3.18.22		M Office Eagan	In-Person	
Noon – 2 pm	3.18.22		M Office Eagan	In-Person	
Instruction Dat	_	<u>Class</u>	Method of	Method of	Normalism of students, 45
Instruction Date	<u>e</u>	Number	Delivery	Registration	Number of students: 15
3.15.22		CFTC-006	In-Person/ARM	nttps://training.isc.edu	/home/mndot-technical-certification/
			each lab slot holds thre		
<u>Time</u>	<u>Date</u>		<u>cation</u>	Method of Delivery	Method of Registration
8 am – 10 am	3.16.22		M Office Eagan	In-Person	You will be contacted by LSC
9 am – 11 am	3.16.22		M Office Eagan	In-Person	to schedule your lab assignment.
10 am – noon	3.16.22	AR	M Office Eagan	In-Person	Contact Suzanne with any questions.
11 am – 1 pm	3.16.22	AR	M Office Eagan	In-Person	
1 pm – 3 pm	3.16.22	AR	M Office Eagan	In-Person	

	<u>Class</u>	Method of	Method of	_
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students: 35
4.4.22	CFTC-007	Zoom	https://training.lsc.	edu/home/mndot-technical-certification/

Lab options for CFTC-007 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
2 pm – 4 pm	4.6.22	ARM Office Eagan	In-Person	You will be contacted by LSC
8 am – 10 am	4.7.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
9 am – 11 am	4.7.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.

10 am – noon	4.7.22	ARM Office Eagan	In-Person
11 am – 1 pm	4.7.22	ARM Office Eagan	In-Person
1 pm – 3 pm	4.7.22	ARM Office Eagan	In-Person
2 pm – 4 pm	4.7.22	ARM Office Eagan	In-Person
8 am – 10 am	4.8.22	ARM Office Eagan	In-Person
9 am – 11 am	4.8.22	ARM Office Eagan	In-Person
10 am – noon	4.8.22	ARM Office Eagan	In-Person
11 am – 1 pm	4.8.22	ARM Office Eagan	In-Person
Noon – 2 pm	4.8.22	ARM Office Eagan	In-Person

ClassMethod ofInstruction DateNumberDeliveryRegistrationNumber of students: 154.5.22CFTC-008In-Person/ARMhttps://training.lsc.edu/home/mndot-technical-certification/

Lab options for CFTC-008 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – 10 am	4.6.22	ARM Office Eagan	In-Person	You will be contacted by LSC
9 am – 11 am	4.6.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
10 am – noon	4.6.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
11 am – 1 pm	4.6.22	ARM Office Eagan	In-Person	
1 pm – 3 pm	4.6.22	ARM Office Eagan	In-Person	

ClassMethod ofInstruction DateNumberDeliveryRegistrationNumber of students: 354.18.22CFTC-009Zoom https://training.lsc.edu/home/mndot-technical-certification/

Lab options for CFTC-009 (pick one) – each lab slot holds three students

<u>Time</u>	<u>Date</u>	Location	Method of Delivery	Method of Registration
2 pm – 4 pm	4.20.22	ARM Office Eagan	In-Person	You will be contacted by LSC
8 am – 10 am	4.21.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
9 am – 11 am	4.21.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
10 am – noon	4.21.22	ARM Office Eagan	In-Person	
11 am – 1 pm	4.21.22	ARM Office Eagan	In-Person	
1 pm – 3 pm	4.21.22	ARM Office Eagan	In-Person	
2 pm – 4 pm	4.21.22	ARM Office Eagan	In-Person	
8 am – 10 am	4.22.22	ARM Office Eagan	In-Person	

In-Person

In-Person

In-Person

In-Person

Class Method of Method of Instruction Date Number Delivery Registration

ARM Office Eagan

ARM Office Eagan

ARM Office Eagan

ARM Office Eagan

In-Person/ARM

9 am - 11 am

10 am - noon

11 am - 1 pm

Noon – 2 pm

4.19.22

4.22.22

4.22.22

4.22.22

4.22.22

Registration Number of students: 15
https://training.lsc.edu/home/mndot-technical-certification/

Lab options for CFTC-010 (pick one) – each lab slot holds three students

CFTC-010

<u>Time</u>	<u>Date</u>	<u>Location</u>	Method of Delivery	Method of Registration
8 am – 10 am	4.20.22	ARM Office Eagan	In-Person	You will be contacted by LSC
9 am – 11 am	4.20.22	ARM Office Eagan	In-Person	to schedule your lab assignment.
10 am – noon	4.20.22	ARM Office Eagan	In-Person	Contact Suzanne with any questions.
11 am – 1 pm	4.20.22	ARM Office Eagan	In-Person	
1 pm – 3 pm	4.20.22	ARM Office Eagan	In-Person	

Concrete Field Inspector Certification (two days of classroom instruction via Zoom) \$575

Formerly known as: Concrete Field 2

	<u>Class</u>	Method of	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 30
1.18.22 - 1.19.22	CFIC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.8.22 - 2.9.22	CFIC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.1.22 - 3.2.22	CFIC-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.29.22 - 3.30.22	CFIC-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Concrete Plant Tester Certification (two days of classroom instruction via Zoom) \$500

Formerly known as: Concrete Plant 1

	<u>Class</u>	Method of	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 30
1.25.22 - 1.26.22	CPTC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.8.22 - 2.9.22	CPTC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.1.22 - 3.2.22	CPTC-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Concrete Strength Tester Certification (Non-ACI) (one day of classroom instruction via Zoom and one day of lab – lab portion TBD) \$300 Formerly known as: Concrete Strength Testing Technician (Non-ACI)

	<u>Class</u>	<u>ivietnoa ot</u>	<u>Method of</u>
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 30
1.14.22	CSTC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.11.22	CSTC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Grading and Base Tester Certification (two days of classroom instruction via Zoom and one day of lab – **lab portion TBD**) \$500 Formerly known as: Grading and Base 1

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students/class: 30
12.6.21 - 12.7.21	GBTC-001	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
12.9.21 - 12.10.21	GBTC-002	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
1.3.22 - 1.4.22	GBTC-003	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
1.6.22 - 1.7.22	GBTC-004	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
1.24.22 - 1.25.22	GBTC-005	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
1.27.22 - 1.28.22	GBTC-006	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
2.14.22 - 2.15.22	GBTC-007	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/
2.17.22 - 2.18.22	GBTC-008	Zoom	https://training.lsc.ed	du/home/mndot-technical-certification/

Grading and Base Inspector Certification (three days of classroom instruction via Zoom) \$575

Formerly known as: Grading and Base 2

	<u>Class</u>	<u>Method of</u>	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 35
12.14.21 - 12.16.21	GBIC-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.18.22 - 1.20.22	GBIC-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.15.22 - 2.17.22	GBIC-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
4.12.22 - 4.14.22	GBIC-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

RECERTIFICATION CLASSES

Bituminous Plant Tester Recertification (one day of classroom instruction via Zoom) \$250

Formerly known as: Bituminous Plant 1 Recertification

	<u>Class</u>	Method of	Method of	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students/class: 30
1.12.22	BPTR-001	Zoom	https://training.lsc.e	du/home/mndot-technical-certification/
2.1.22	BPTR-002	Zoom	https://training.lsc.e	du/home/mndot-technical-certification/
3.1.22	BPTR-003	Zoom	https://training.lsc.e	du/home/mndot-technical-certification/

Bituminous Mix Designer Recertification (one day of classroom instruction via Zoom) \$250

Formerly known as: Bituminous Plant 2 Recertification

Class Method of **Method of Instruction Date Number Delivery Registration** Number of students/class: 30 3.31.22 **BMDR-001** https://training.lsc.edu/home/mndot-technical-certification/ Zoom

Bituminous Street Inspector Recertification (one day of classroom instruction via Zoom) \$250

Formerly known as: Bituminous Street Recertification

of students/class: 40
t-technical-certification/
)

Bridge Construction Inspector Recertification (one day of classroom instruction via Zoom) \$250

Mathad of

Formerly known as: Bridge Construction Recertification

Class **Method of** Method of **Number Instruction Date Delivery Registration** Number of students/class: 40 2.8.22 **BCIR-001** Zoom https://training.lsc.edu/home/mndot-technical-certification/

Concrete Field Tester (MnDOT only)/Inspector Recertification (one day of classroom instruction via Zoom) \$250

*If you need to recertify your CF1-ACI you must take the full, Concrete Field Tester class – see above in REGULAR CLASSES

Mathad of

Formerly known as: Concrete Field 1&2 Recertification Class

	<u>Class</u>	<u>wethod or</u>	<u>iviethod oi</u>	
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration	Number of students/class: 30
12.21.21	CFBR-001	Zoom	https://training.lsc.e	edu/home/mndot-technical-certification/
1.20.22	CFBR-002	Zoom	https://training.lsc.o	edu/home/mndot-technical-certification/
2.7.22	CFBR-003	Zoom	https://training.lsc.e	edu/home/mndot-technical-certification/
2.14.22	CFBR-004	Zoom	https://training.lsc.e	edu/home/mndot-technical-certification/
2.28.22	CFBR-005	Zoom	https://training.lsc.o	edu/home/mndot-technical-certification/
3.28.22	CFBR-006	Zoom	https://training.lsc.e	edu/home/mndot-technical-certification/

Concrete Plant Tester Recertification (one day of classroom instruction via Zoom) \$250

Formerly known as: Concrete Plant 1 Recertification

	<u>Class</u>	Method of	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 30
1.27.22	CPTR-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.10.22	CPTR-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.3.22	CPTR-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
3.17.22	CPTR-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

Grading and Base Tester/Inspector Recertification (one day of classroom instruction via Zoom) \$250

Formerly known as: Grading and Base 1&2 Recertification

	<u>Class</u>	<u>Method of</u>	Method of
Instruction Date	<u>Number</u>	<u>Delivery</u>	Registration Number of students/class: 35
12.17.21	GBBR-001	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.5.22	GBBR-002	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
1.21.22	GBBR-003	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
2.18.22	GBBR-004	Zoom	https://training.lsc.edu/home/mndot-technical-certification/
4.11.22	GBBR-005	Zoom	https://training.lsc.edu/home/mndot-technical-certification/

^{*}All class times are 8:00 am - 4:30 pm unless otherwise noted (some lab classes run later than 4:30 pm)

REGISTRATION INFORMATION

Registrations will be processed on a first-come, first-served basis. The class sizes are limited, so early registrations are suggested to obtain the date preferred. All registrations must be accompanied by a check or credit card number. **REGISTRATIONS WILL NOT BE PROCESSED WITHOUT PAYMENT AND A MNDOT TECH ID NUMBER.**

Registrations will be confirmed on a daily basis, as well as via email two weeks before the class begins. If you have not received a class or waiting list confirmation notice, please contact LSC to ensure your registration has been received. Confirmations will include class date, method of delivery (virtual/in-person) and general classroom instructions. Lodging reservations and all meals are the responsibility of the student.

Individuals who have a disability, either permanent or temporary, which might affect their ability to perform in a class should indicate the disability by contacting LSC at (218) 428.1002 or Suzanne.johnsrud@lsc.edu.

CANCELLATION POLICY

Students may use the registration software to make changes and cancellations. Students cancelling at least seven (7) calendar days prior to the class will receive a refund. If a student cancels within seven (7) days of the class, no refund will be granted.

Companies may opt to send replacements to a class, but only if changed in the registration system. If a student misses a class, they are required to reregister and resubmit the full class fee.

COURSE RESCHEDULING AND CANCELLATION

LSC reserves the right to reschedule and/or cancel classes due to insufficient registrations. Students registered in those classes will be notified and offered an alternative date and/or location, or a refund if requested.

RETESTING

Retesting can be scheduled through the MnDOT Technical Certification Office by calling (612) 346.3981.

STUDENT INFORMATION UPDATES

If a student has a change of job, address or phone prior to attending classes, please contact LSC with the updated information.

LODGING AND MEALS

Registrants are responsible for their own meals and lodging. The MnDOT facilities have vending machines available for food and beverage options.

IN-PERSON TRAINING LOCATIONS

ARM (Aggregate Ready-Mix Association): 2955 Eagandale Blvd, Eagan 55121

WSB Duluth: 2314 W Michigan Street, Duluth 55806 WSB Rochester: 3701 – 40th Ave NW #100, Rochester 55901

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*All class times are 8:00 am – 4:30 pm unless otherwise noted

Register at: https://training.lsc.edu/home/mndot-technical-certification/



TRAINING ANNOUNCEMENT (& Checklist)

Class Name: Bridge Construction Inspection Certification

Class Date(s): Monday, January 24, 2022 - Friday, February 4, 2022 (10 days)

<u> </u>				
Description:	This is an advanced two-week course designed for Bridge Construction Inspectors. Students receive instruction in bridge staking, excavation and embankment, foundations, steel reinforcement, substructures, structural steel, forms and falsework, prestressed beams, deck expansion joints, superstructures, deck drainage, bridge utilities, deck wearing courses, special structures, slope protection, documentation, approach panels, reconstruction, widening, and safety practices. This course is recommended for those involved in any type of structural construction. This is the only Bridge Construction Inspection course.			
	After the completion of this course the student will be able:			
Learning Objectives	 Identify bridges types and major component types and know the features that define those types of structures. Describe and know the function of bridge elements, and the terminology used. Understand the need for certified materials, know how to document and pay for materials used in bridge construction. Understand associated materials testing requirements. Know the PPE required to be worn around bridge construction activities, and the potential hazards to be aware of while inspecting bridge construction projects. Describe the information provided in a bridge plan and be familiar with navigating bridge plans to find needed bridge construction details and notes. Understand foundation types and methods of foundation construction. Know the different types of pile, where each type is best suited, how piling is driven with field controls, how to compute when a pile has adequate bearing, and installation record keeping requirements. Know the purpose and function of forms and falsework, the need for the inspector to take an active role in inspecting it. Understand concrete volume computations and reinforcement weight computations. Be familiar with where quantities for concrete and reinforcement are stated in plans for each element. Recognize the importance of concrete cover to reinforcing and where cover requirements are given in bridge plans. Correctly interpret bridge plan details showing reinforcing bar sizes, spacing and placement requirements. Understand concrete consolidation requirements and rebar support requirements during concrete placement as stated in contract specification and alongside guidelines stated in the Bridge Construction Manual. Understand the importance of the superstructure, and all the elements that make it up – including bearing assemblies, concrete beams or steel girders, the deck, barriers, medians, sidewalks, railings, drainage elements, lighting, utility conduits, and expansion devices. Realize the im			
Prerequisites:	Participants must have completed Aggregate Production Tester and be certified in Concrete Field Tester, Concrete Field Inspector, and Grading and Base Tester prior to attending BCI course. IMPORTANT: The following AASHTO eLearning is also required (SIX modules): Construction Inspection of Structures Series: Subsurface - AT-TC3CN053-17-T1 Construction Inspection of Structures Series: Substructures - TC3CN054-17-T1 Construction Inspection of Structures Series: Superstructures - TC3CN055-17-T1 Construction Inspection of Structures Series: Rehabilitation and Maintenance - AT-TC3MN032-17-T1 Preparing to Drive Piles -			
	 http://www.dot.state.mn.us/onlinelearning/bridge/preparingtodrivepiles/story.html Plan Reading – http://www.dot.state.mn.us/onlinelearning/bridge/Plan%20Reading/story.html 			

	Note: You must confirm eLearning by submitting your certificates of completion to Shannon Wark (contact info below) by 12:00 p.m. (noon) Monday, January 10, 2022, 14 days prior to class. If all certificates of completion are not submitted, registration cancellation will occur automatically without notification to allow registration of waitlisted individuals who have prerequisites completed. No admittance will occur if prerequisites are not met. The following AASHTO eLearning is strongly recommended: Concrete Series: Basics of Cement Hydration - TC3MS009-15-T1 Concrete Series: Fresh Properties - TC3MS010-15-T1 Math Basics Series for Highway Techs: Introductory Math Concepts - AT-TC3ED004-17-T1
Audience:	Employees affiliated with Bridge Construction operation who are certified in Concrete Field Tester, Concrete Field Inspector, and Grading and Base Tester.
Date, Time:	Monday, January 24, 2022; 10:00 a.m. – 4:30 p.m.; (Electronic sign-in and participant audio/video check from 9:00 a.m. – 10:00 a.m.) Tuesday, January 25, 2022 – Friday, January 28, 2022; 8:00 a.m. – 4:30 p.m.; Monday, January 31, 2022; 10:00 a.m. – 4:30 p.m.; Tuesday, February 1, 2022 – Friday, February 4, 2022; 8:00 a.m. – 4:30 p.m.
Location:	Online via Zoom. The link to the course will be distributed later.
Materials:	Bring the following to class: 1. 2020 edition of the Standard Specifications for Construction book (printed or electronic) Please order ASAP! 2. A calculator 3. A computer (with video camera) is required to take the exam. Cell phones and tablets will NOT work for the exam. Please be prepared.
Class Fee:	\$1,500.00 - Meals will not be provided.
Registration Procedures:	Follow your organization's external training registration procedure then register by following LSC's process. MnDOT Employees do NOT register yourself with LSC's registration system. Your Training and Development Specialist (TDS)/Training Representative will register you with LSC. If you register with LSC and attend or just show up to this training without encumbering funds with an EIOR you will be required to complete a Purchasing Violation form.
Cancellation Procedures:	LSC CANCELLATION POLICY Cancellations and class changes must be made in writing and received by the Lake Superior College (LSC) Registration Office at least seven (7) calendar days prior to the class. No refunds will be issued after that time. If a student misses a class, they are required to re-register and resubmit the class fee. Cancellations may be mailed to the address on the brochure cover. If faxing, it is your responsibility to make sure the transmission is confirmed.
Class Info:	For registration questions: Shannon Wark, shannon.wark@lsc.edu , 218.733.5959 Content Expert: Mark Spafford, mark.spafford@state.mn.us , 651.366.4564
Additional Information:	For additional information visit the Technical Certification Program website at http://www.dot.state.mn.us/const/tcp/ .

Individuals who need a reasonable accommodation to participate in this event, please contact Janet Miller, Disability Programs Coordinator, MnDOT Office of Equity and Diversity, 395 John Ireland Boulevard, St. Paul, MN 55155, or send an e-mail to janet.rae.miller@state.mn.us