

RESOURCE LIST FOR MATERIALS TESTING TECHNICIAN CERTIFICATIONS

This Resource List contains links to sites related to construction materials testing technician certifications in the fields of aggregates, asphalt, concrete, soils/geotechnical and transportation construction safety. Resources are listed based on the various field/ technician certifications, as well as by regional and national entities that offer preparation and study materials, exams and so on.

AGGREGATE TECHNICIAN CERTIFICATIONS	
American Concrete Institute (ACI)	Aggregate Testing Technician – Level 1 – certification information
	Aggregate Testing Technician – Level 2 – certification information
	Aggregate/Soils Base Testing Technician – certification information
	ACI Bookstore , ACI University online learning , free online presentations on aggregates , downloadable in PDF format
	Find/Verify an ACI-certified technician
	Find ACI Testing Locations
Other Resources	ASTM Aggregate Testing – E-Learning Bundle (updated annually)
	National Highway Institute aggregates-related courses
	National Asphalt Pavement Association Back to Basics: Aggregate

ASPHALT TECHNICIAN CERTIFICATIONS	
Asphalt Institute (AI)	National Binder Technician Certification (NBTC) – certification information
	Mix Design Technology Certification – certification information
	2018 National Binder Technician Certification class/exam dates
	Asphalt Academy asphalt training classes and dates
	Find/Verify an NBTC-certified technician
National Center for Asphalt Technology	NCAT Asphalt Binder Technician
	NCAT Training Courses for the asphalt industry
NICET	Level I: Technician Trainee – certification information
	Level II: Associate Engineering Technician – certification information
	Level III: to be determined
	Level IV: to be determined
	Testing Centers: Pearson Vue Testing Centers
Other Resources	National Asphalt Pavement Association Back to Basics Webinar Series , online training courses , and webinars and manuals
	Gilson Reference Library: Asphalt Binder Handbook , Mix Design Methods for Asphalt Concrete & Other Hot-Mix Types Book , The Asphalt Book , and Principles of Construction of Hot-Mix Asphalt Pavements

CONCRETE TECHNICIAN CERTIFICATIONS	
American Concrete Institute (ACI)	Concrete Field Testing Technician Grade 1 – certification information
	Concrete Strength Testing Technician – certification information
	Concrete Laboratory Testing Technician – Level 1 – certification information
	Concrete Laboratory Testing Technician – Level 2 – certification information
<i>New program in 2017</i>	Concrete Quality Technical Manager – certification information
<i>New program in 2017</i>	Associate Concrete Quality Technical Manager – certification information
	Find/Verify an ACI-certified technician
	Find ACI Testing Locations
National Ready Mixed Concrete Association (NRMCA)	Concrete Field Testing Technician Grade II - certification information
	Concrete Technologist, Levels 2, 3 and 4 - certification information
	Pervious Concrete Contractor
	Concrete Technology Career Track
NICET	Level I: Technician Trainee – certification information
	Level II: Associate Engineering Technician – certification information
	Level III: to be determined
	Level IV: to be determined
	Testing Centers: Pearson Vue Testing Centers

SAFETY CERTIFICATION FOR TRANSPORTATION PROJECT PROFESSIONALS (SCTTP)	
American Road & Transportation Builders Association	ARTBA's Safety Certification for Transportation Project Professionals – certification information <i>New program in 2017</i>
	Pearson Vue Testing Centers for SCTTP
	List of Safety Certified Transportation Project Professionals

SOILS/GEOTECHNICAL TECHNICIAN CERTIFICATIONS	
American Concrete Institute (ACI)	Aggregate/Soils Base Testing Technician – certification information
	Find ACI Testing Locations
	Find/Verify an ACI-certified technician
NICET	Level I: Technician Trainee
	Level II: Associate Engineering Technician
	Level III: TBD
	Level IV: TBD
	Testing Centers: Pearson Vue Testing Centers

The list below includes additional regional or national resources – many of which offer a variety of materials (or link to affiliated sites) to help prepare and study for the different fields and types of materials testing technician certifications.

- [AASHTO's T3 Transportation Curriculum Coordination Council](#) offers numerous programs and resources to use in pursuing a construction materials technician certification in different fields.
- [AASHTO re:source](#) and the [Center for Environmental Excellence by AASHTO](#) provides AASHTO lab accreditation through AMRL, along with technical assistance & training resources. You can find an AASHTO-accredited lab [here](#).
- [ASTM Construction Training](#) has a wide range of E-learning study courses designed to help improve ACI-certification pass rate by 30-40%.
- [Cement and Concrete Reference Laboratory \(CCRL\)](#), a division of ASTM International, works to help labs evaluate and improve their performance and consistently meet ASTM standards.
- [Federal Highway Administration](#) maintains a list of [State Departments of Transportation](#) websites. This is a good resource for certifications available in all states, and often includes state partners that provide resources for preparation and examination.
- Mid-Atlantic Region Technician Certification Program (MARTCP) Technician encompasses New Jersey, Pennsylvania, Delaware, Virginia, West Virginia, Maryland and the District of Columbia. It lists the specific [technician certification programs](#) available through its state partners.
- M-TRAC is the [Multi-regional Training and Certification](#) affiliated with Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, Ohio, South Dakota and Wisconsin. Each state lists the certification programs offered, many of which have technician certification reciprocity policies with the other state partners.
- [National Highway Institute](#) (division of the Federal Highway Administration) has an extensive selection of training programs in instructor-led, web conference and web-based training formats.
- [NorthEast Transportation Training and Certification Programs \(NETTCP\)](#) is a regional organization that offers technician certification programs in several related fields. NETTCP's state affiliates include Connecticut, Massachusetts, Maine, New Hampshire, New York, Rhode Island and Vermont.
- [Western Alliance for Quality Transportation Construction \(WAQTC\)](#), affiliated with Alaska, Colorado, Hawaii, Idaho, Montana, New Mexico, Oregon, Utah, Washington, and the Western and Central Federal Lands Highway Divisions. Its [Transportation Technician Qualification Program](#) encompasses technician certifications in asphalt, concrete, embankment and base and in-place density.