



TCCC Math Module

Web-based Training

This training was designed and developed by the University of Alaska Anchorage. Content and curriculum were provided by the Alaska Department of Transportation and Public Facilities. The training is being distributed by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI. This training includes instruction that would be applicable to a variety of end users; and reviews math basics such as math functions, algebra, and geometry. The basic math functions examined would be appropriate to an entry-level technician or as a refresher for those with more experience.

The more complex areas of algebra and geometry would be appropriate for an advanced technician. Principles covered in this training can be applied to everyday problems in the workplace. Some concepts may be applied to future training courses.

OUTCOMES: Upon completion of the training, participants will be able to:

- Explain basic and intermediate calculations using mathematics, algebra, and geometry
- Recognize the impact of mathematics, algebra, and geometry in their job functions
- Build upon a foundation for applying operations and engineering concepts on the job
- Recognize the impact that their actions may have on the safe and reliable operation of DOT components and systems

TARGET AUDIENCE: FHWA, State, and Local Agencies and their industry counterparts that are involved in construction and maintenance practices. It is applicable to anyone that will be performing everyday calculations for inspection, testing, and a variety of other job functions.

TRAINING LEVEL: Beginner

LENGTH: 6 hours

CEU: 0 Units

FY 2008 FEE: FREE

REGISTRATION: Register online at www.nhi.fhwa.dot.gov. If you are a new NHI Web site user, complete the user profile to create a User ID and password. Once you login, add the course to your shopping cart and proceed to checkout. When the checkout process is completed, you will receive an e-mail with instructions for accessing this Web-based Training.

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Check out the following Web-based training workshops that were developed in partnership with the Transportation Curriculum Coordination Council (TCCC):
FHWA-NHI-131110 TCCC Pavement Preservation Treatment Construction
FHWA-NHI-134069 TCCC Ethics Awareness for the Transportation Industry
FHWA-NHI-134071 TCCC Basic Construction and Maintenance



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