



The AMTA has served as a resource to Alberta's transportation industry since 1938. Our training has been created by industry, for industry. Our AMTA instructors are selected based on their education, knowledge, and demonstrated expertise. Let the AMTA partner with you for your training and employee development needs.

## Instructional Design and Delivery (IDD)

### A description of the training course objectives:

Instructional Design and Delivery (IDD) appeals to entry-level and intermediate instructors looking to develop or enhance their existing course development and delivery skills. Participants will be introduced to a variety of tools and techniques to develop meaningful training and add value to the classroom experience.

This is a 3-day course in person classroom delivery. Students will participate through a series of lectures and hands-on (practical) activities and exercises. Participants will practice the material through several presentations and be offered coaching and feedback designed to improve their confidence and performance as instructors.

Key topic areas addressed in the course include:

- Analyze course requirements
- Identify key learning outcomes and create course framework
- Develop lesson plans
- Present instructional content
- Assess participant learning
- Communicate results and feedback to students

### Module 1 - Getting Started – 2 hours

Learning Objectives

- Needs assessment for course development
- Organizational stakeholders and decision makers
- Using effective interpersonal communication
- Researching for course development
- Conducting a simple needs assessment to support course development

### Module 2: Designing Course Content – 3 hours

Learning Objectives

- Participants will be able to identify key learning outcomes and create a course framework for a transportation safety-related topic of their own choosing.
- Critical tasks
- Foundational knowledge
- Competency
- Course framework
- Learning outcomes
- Bloom's Taxonomy
- Formative assessment





- Summative assessment
- Creating a course framework
- Drafting learning outcomes
- Identifying appropriate assessments
- Working with Subject Matter Experts (SMEs)

**Module 3: Basics of Instruction – 3 hours**

Learning Objectives

- Participants will select and use appropriate instructional techniques to present a 15-minute lesson based on a transportation safety-related topic of their choosing.
- Learner types (e.g., Visual, Audible, Kinesthetic)
- Universal Design for Learning (UDL)
- Instructional techniques
- Professionalism when instructing
- Using effective interpersonal communication
- Getting organized to teach
- Selecting appropriate instructional techniques & resources
- Using appropriate questioning techniques

**Module 4: Developing Lessons – 3 hours**

Learning Objectives

- Participants will be able to develop a lesson plan for one outcome related to a transportation safety topic of their own choosing.
- Lesson planning
- Instructional design elements
- Adult learning strategies
- Developing lesson plans

**Module 5: Assessing Learning – 3 hours**

Learning Objectives

- Participants will select appropriate methods for assessing student learning.
- Assessment processes and techniques
- Assessing knowledge vs skill
- Assessment accommodations
- Eliminating bias opportunities
- Creating appropriate assessments
- Assessing
- Document handling

**Lesson Plan Presentations – 4 hours**





**Module 6: Giving Feedback – 1 hour**

Learning Objectives

- Participants will communicate results and feedback upon completion of a training course assessments.
- Actionable, constructive feedback
- Communicating results
- Coaching for performance improvement
- Delivering meaningful & effective feedback
- Effective interpersonal communication

**Description of how participant’s learning will be assessed/evaluated:**

Course Assessment

The course will have two assessments. The first is a 15 minute presentation. The second is a final exam will take place at the end of Day 3.

- 1 hour
- Open-book exam
- Multiple choice, short answer
- 80% pass grade

The facilitator will advise you of exam rewrite options, if required. Please note the rewrite exam cannot happen on the same day as the original exam was written.

**Total training hours:** 19 hours

**Final Review/Exam:** 2 hour

**Total training duration/length:** 3 days

**Total cost of the course per person:** Non-Member \$735 / Member \$367.50

**Name of instructor:** Robert Destree

**Course capacity:** unlimited

**Dates of each training course:** May 28, 2024  
Oct 22, 2024

**Credentials received at the end of the training:** Certificate of completion

