

COURSE EQUIVALENCY APPLICATION FORM



Alberta Motor
Transport Association

PLEASE PRINT CLEARLY

SECTION A

NAME:	COMPANY:	
MAILING ADDRESS:		
CITY:	PROVINCE:	POSTAL CODE:
TELEPHONE:	EMAIL ADDRESS:	

SECTION B

COURSE(S) FOR WHICH YOU ARE APPLYING FOR EQUIVALENCY: <i>*Course completion/certificate must be dated within 3 years of application date</i>
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The following must accompany this Equivalency Form:

- *Copy of the course certificate and/or training records*
- *Processing fee payment of \$100.00 +GST (per equivalency request)*
- *Payment must be received before Certificate is issued*

Credit Card Number:

Expiry Date:

CVV:

Card Holder Name:

Signature:

***Submit completed form and
required documentation to:***

*Education Administrator
Alberta Motor Transport Association
E-Mail: training@amta.ca*

Course Description:

Collision Investigation provides participants with a systematic process for responding to collisions, gathering evidence, determining the sequence of events, analyzing root cause(s), and developing recommendations for improvement arising from the investigation. This awareness-level course provides participants the opportunity to practice their knowledge and skills across several exercises and activities.

Outcome	Identify and describe content	Location of content in materials provided
<p>Introduction to Collision Investigation</p> <ul style="list-style-type: none"> • Explain how investigating a collision differs from other types of workplace investigation • What is collision investigation? • Reportable collision • Types of collision investigation • Benefit of investigation • Collision statistics in Alberta • Principles of collision investigation • Calculate the financial benefit of conducting a collision investigation 		
<p>Vehicle Dynamics</p> <ul style="list-style-type: none"> • Explain the forces of vehicle dynamics that act on vehicles before and during collisions • Vehicle dynamics <ul style="list-style-type: none"> ○ Pitch ○ Roll ○ Yaw ○ Centre of Mass • Momentum • Coefficient of Friction • Calculate vehicle momentum 		
<p>Responding to a Collision Event</p> <ul style="list-style-type: none"> • Explain the actions to prepare for and respond to a collision 		

<ul style="list-style-type: none"> • Policy • Emergency Response Plan • Who participates in investigation? • Trained investigator • Investigation kit • Collision notification • Getting details • Arriving at the scene 		
<p>Gather Information</p> <ul style="list-style-type: none"> • List the contributing factors that must be considered as part of a collision investigation • Describe how various information gathering techniques are used in the course of a collision investigation • Contributing factors <ul style="list-style-type: none"> ○ Human ○ Vehicle ○ Environment ○ Roadway • Information gathering methods <ul style="list-style-type: none"> ○ Photos ○ Sketches ○ Measurements ○ Interviews • Take scene photographs • Create a collision scene sketch • Interview a collision witness 		
<p>Determining the Sequence of Events</p> <ul style="list-style-type: none"> • List the collision events that occur Pre-Scene and On-Scene • Review the process of recreating the sequence of events leading up to a collision • Collision phases <ul style="list-style-type: none"> ○ Pre-Scene <ul style="list-style-type: none"> ▪ Pre-Trip Events 		

<ul style="list-style-type: none"> ▪ Trip Events <ul style="list-style-type: none"> ○ On-Scene • Perception • Reaction • Sequence of events <ul style="list-style-type: none"> ○ Identifying ○ Creating timeline 		
<p>Determining Root Cause</p> <ul style="list-style-type: none"> • Apply root cause analysis during collision investigation • Root cause <ul style="list-style-type: none"> ○ Method ○ Evidence-based • Impact of workplace culture • Common root causes • Do's and don'ts • Best practices • Conduct simple root cause analysis 		
<p>Identifying Corrective Actions</p> <ul style="list-style-type: none"> • Identify recommendations for improvement based on investigation results. • Immediate actions to take • Recommendations <ul style="list-style-type: none"> ○ Developing ○ Specific types • Accountabilities/responsibilities <ul style="list-style-type: none"> ○ Managers ○ Supervisors ○ Drivers • Follow up • Development recommendations for improvements 		

Additional Notes:
