



Singapore College
of Insurance

Intermediate Level

Underwriting Electric Vehicles (EVs) and Claims

Register Now



27 July 2026



7 CPD hours



9.00 a.m. - 5.00 p.m.



Singapore College of Insurance (SCI)



This course aims to equip insurance professionals with the necessary knowledge and skills to effectively manage the unique aspects of electric vehicle underwriting and claims handling. The program is structured to provide a comprehensive understanding of the differences between electric vehicles and internal combustion engine (ICE) vehicles, the principles of underwriting EVs, and the processes involved in handling EV claims.

It provides a thorough and practical understanding for insurance professionals to adapt to the rapidly growing market of electric vehicles. By the end of the program, participants will be well-equipped to handle the nuances of EV underwriting and claims, ensuring they are prepared to meet the challenges and opportunities presented by this evolving sector.



Target Audience

- Underwriters specializing in motor insurance
- Claims personnel handling EV-related claims
- Insurance professionals seeking to expand their expertise in the emerging field of electric vehicle insurance



Key Learning Outcomes

At the end of the programme, participants should be able to:

- Understand the fundamental differences between electric vehicles and conventional internal combustion engine vehicles.
- Gain insights into the principles and best practices of underwriting electric vehicles.
- Learn about the mechanical construction and major components of EVs, including motors and batteries.
- Explore the concept and implementation of Usage Based Insurance (UBI) for EVs.
- Identify emerging trends in the repair and reinstatement of electric vehicles.
- Develop proficiency in handling various types of EV claims, including own damage and third-party claims.

Programme Outline

Introduction

- Welcome and overview of the course
- Objectives and expected outcomes
- Brief introduction to the Singapore market landscape of EVs

Part 1: Understanding How EVs Differ from ICE Vehicles

- Mechanical construction of EVs
- Major components of an EV: motor and battery
- Digitally enabled controls and systems
- Handling vehicle performance and characteristics
- Safety considerations

Part 2: Underwriting EVs

- General principles of underwriting for motor insurance and risk assessment
- Considerations for vehicle type, use, and modifications
- Assessing the driver's profile: age, driving history, and experience
- Policy pricing and Usage Based premium calculation
- Understanding policy extensions, endorsements, and exclusions
- Evaluating additional risks involved with EVs

Part 3: Handling EV Claims

- General claims process for EVs
- Managing own damage and third-party claims
- Assessment of damages and loss adjustment for EVs
- Workshop and technical expertise requirements
- Legal aspects of claims settlement for EVs
- Subrogation and dispute resolution mechanisms in insurance claims

Conclusion and Q&A

- Summary of key points covered
- Open floor for questions and answers
- Closing remarks



Programme Fee

S\$414.20 (inclusive of 9% GST)

Participants who register by 27 May 2026 will be entitled to a 10% Early Bird Discount.

A 10% Group Discount is also applicable for organisations registering a minimum of three participants.

Please note that the Early Bird and Group Discounts are not cumulative.



Programme Leader

Mr. Leslie Wong

Leslie Wong is a seasoned insurance professional with over 30 years of experience in Singapore's insurance and financial services industry. Known for his leadership and relationship-building, he has excelled in roles spanning broking, underwriting, and operations.

As a General and Life Insurance Trainer and Affinity Insurance Specialist, Leslie brings deep expertise in motor claims and customer-centric strategies. At Marsh Singapore, he led the Affinity Practice, growing it to over SGD 1.5 million. At the Automobile Association of Singapore, he drove membership growth, digital transformation, and road safety efforts.

Leslie holds a BA in Insurance Management and multiple certifications, reflecting his commitment to excellence. His achievements include launching broking services, managing corporate programs, and earning accolades such as the CEO Award at Marsh and long service recognition in mediation.

He is passionate about equipping professionals with the skills to thrive in today's evolving insurance landscape.

Singapore College of Insurance

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