



Overview of Lightning Protection Standards

Training Programme
by
Faculty of Engineering
Multimedia University

Overview

It is imperative for all structures to be sufficiently protected against lightning strike especially in countries with high lightning flash density such as Malaysia. Lightning strike not only causes injuries but also economic damages which can be significantly minimised. To mitigate the negative impacts caused by lightning strikes, all structures have to comply with the national lightning protection standards MS IEC 62305 as warranted by the Circular issued by Suruhanjaya Tenaga back in 2011. So what is compliance to MS IEC 62305? As an electrical engineer, is my design complying to MS IEC 62305? As a factory owner, can my operation line continuously run without being interrupted by lightning surge? As a resident of a condominium, is my home safe from the hazards of lightning strike? This workshop attempts to clear the aforementioned doubts.

Objective

To provide an overview of lightning protection standards to targeted audiences.

Target Audience

Facility managers/owners, residents of high rise buildings, electrical contractors, consultant engineers.

Prerequisite

None.

Training Methodology

Classroom.

Course Duration

1 day.

Content/Outline

Part I (General Principles)

Part II (Risk Management)

Part III (Physical Damage to Structures & Life Hazards)

Part IV (Electrical & Electronic Systems Within Structures)

Course Instructors

Ir. Dr. Siow Chun Lim

Ir. Dr. Siow Chun Lim attained his Ph. D in Electrical Power Engineering from Universiti Putra Malaysia. He currently serves in the National Mirror Committee of Lightning Protection (TC/E/13) and the international technical committee of Lightning Protection (IEC TC 81). He is currently a Senior Lecturer at the Faculty of Engineering, Multimedia University and is also the Managing Director of LiRESAS Sdn Bhd which provides consultancy on lightning risk assessment, earthing systems and surge protection.

Administrative Details

Programme Logistics

Duration: 1 day

Dates, registration deadline and registration form:



Please refer to: <https://www.mmu.edu.my/foe/short-courses/>

Your Investment

	Condition	Price per Pax
Regular Fee	Students / MMU Alumni	RM250
	Public	RM400
	Public (Group >5 pax)	RM300
	IEM/IEEE Members	RM300
Early Bird Fee	Students / MMU Alumni	RM150
	Public	RM300
	Public (Group >5 pax)	N/A
	IEM/IEEE Members	RM200

Method of Payment

Type of Payment	Method	Details
Local Transaction / Payment within Malaysia	Online Payment with JomPay	<ul style="list-style-type: none"> To get started, login to any preferred internet banking. Look for JomPay to begin the payment process. Enter Ref 1 & Ref 2. <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  <p>Billor Code : 22202 Ref-1 : <Participant IC/Passport> Ref-2 : <i>Event Name*</i></p> </div> <p>JomPAY online at Internet and Mobile Banking with your Current, Savings or Credit Card account</p> <p><i>*Ref. 2: FOELightning</i></p>
		<ul style="list-style-type: none"> To get started, go to MMU website (https://www.mmu.edu.my/) > Admission > Financial Info > Payment Channel > Non Student ; <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>E-Payment To begin the payment process, please click Student or Non Students</p> <p>  </p> <p>Student Non-Student</p> </div> <p>or scan the QR code below to begin the process:</p> <div style="text-align: center; margin: 10px 0;">  <div style="background-color: black; color: white; padding: 5px; display: inline-block; border-radius: 10px;">SCAN ME</div> </div> <ul style="list-style-type: none"> Choose Category: Public Training Workshop Name Choose Your Participant Type: <ul style="list-style-type: none"> ✓ STUDEN (MMU, IEEE, IEM, Other Higher Learning Institution) ✓ PUBLIC ✓ GROUP (Group > 5 Pax) ✓ IEEE/M (IEEE/IEM Members)

Type of Payment	Method	Details
International Payment / Payment outside Malaysia	Online payment with Flywire 	<ul style="list-style-type: none"> To get started, go to mmulanding.flywire.com; or scan the QR code to begin the payment process: <div style="text-align: center;">  </div> <ul style="list-style-type: none"> Choose Conference for Non-students related

Note:

Please submit the proof of payment to organizer for clearance updating purposes within 2 working days.

Refund and Cancellation

Any refunds will be processed in 60 days. Should there be any cancellation, it may be due to the organizer not getting the minimum participants or the participant failing to attend the workshop due to unavoidable reason.

Disclaimer

Faculty of Engineering, Multimedia University reserves the right to change the instructors, date and to vary/cancel the programme should unavoidable circumstances arise. All effort will be taken to inform participants of the changes. Upon submission of the registration form, you are deemed to have read and accepted the terms.

Enquiries

Dr. Zubaida Yusoff: zubaida@mmu.edu.my
 Ms. Sherry Dalilla Abd. Rahim: dalilla.rahim@mmu.edu.my