



1-3
DECEMBER
2020

ONLINE SHORT COURSE ON MODERN VIDEO SURVEILLANCE SYSTEM



COURSE CONTENTS

- Evolution of Video Surveillance System: From full analog to aerial surveillance.
- Camera: Camera types and components.
- Video Technology: Scanning technique, resolution and compression.
- Video Transmission: Wired and wireless.
- Video Management System: System architecture and system features.
- Intelligent Video Applications.

INTRODUCTION

Video surveillance, commonly referred to as closed-circuit cameras (CCTV), is an industry that emerged in the 1970s as a commercial technology. Its primary purpose is safety and security. This technology has evolved from using analog cameras and analog recording devices, which record video on tape using VCRs (video cassette recorders), to fully digital network-based video surveillance systems, equipped with video analytic. This evolution is a result of the advancement of computer and camera technology along with the growing demand for better surveillance systems. The course will explain the various components that make up the video surveillance system covering the camera, video transmission technology and the video management system, which include modern intelligent video processing.

LEARNING OUTCOMES

At the end of this course, the participants will be able to:

1. Acquire knowledge in video surveillance system.
2. Provide an overview of basic components of modern video surveillance system.
3. Awareness of present-day application and future development.

FACILITATOR



Dr. Musa bin Mohd Mokji received his PhD at Universiti Teknologi Malaysia, Skudai in 2006. His research interests are in Signal and Image Processing, Pattern Recognition and Machine Learning, covering the applications in agriculture, surveillance system, document processing, and medical. Dr. Musa is currently the head of the Digital Signal and Image Processing Research Group (DSIP) at the Universiti Teknologi Malaysia. He gives undergraduate and postgraduate lectures on signal processing and image processing courses at the Universiti Teknologi Malaysia.

REGISTRATION FORM

To confirm your registration, please complete this form including payment.

YES! Please register the following participant(s) for this course

I am interested but unable to attend. Please put me on your mailing list

Please tick (/) where applicable

Course Name : Online Short Course on Modern Video Surveillance System

Date : 1-3 DECEMBER 2020

Fee : **RM400.00** per pax
Inclusives of notes & e-certificate

Prerequisite
Minimum SPM holder with
5 years experience
in the related fields

*DETAILS OF PARTICIPANT ATTENDING THE COURSE :

No.	Name of Participant	Mobile No.	Email	NRIC	Fee (RM)

(Please attach a separate list if necessary)

*UTMSPACE respects the privacy of its customers with regards to personal data. For further details, please visit: www.utmspace.edu.my/pdpa

Total

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Cancellations received in writing 30 days prior to the programme are eligible for a refund, subject to a 15% cancellation fee. Cancellations received less than 14 days from the date of the programme are not eligible for a refund. However, substitute attendees are welcome. Please note that the speakers and topics are confirmed at the time of printing. However, circumstances beyond the control of the organizers may necessitate substitutions or cancellations of speakers and/or topics. As such UTMSPACE reserves the right to alter or modify the advertised speakers and/or topics.

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FOR FURTHER INFORMATION, PLEASE CONTACT

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