



Complete Broadcasting Technology Solutions For You Now and Tomorrow

COURSE AVAILABLE

- **ANALOG VIDEO TECHNOLOGY COURSE**
- **DIGITAL VIDEO TECHNOLOGY COURSE**
- **MPEG-2 COMPRESSION COURSE**
- **MPEG-4/H.264 COMPRESSION COURSE**
- **IPTV TECHNOLOGY COURSE**
- **AUDIO TECHNOLOGY COURSE**
- **FILE-BASED VIDEO COURSE**
- **4K VIDEO INTRODUCTIONS COURSE**

MPEG-2 COMPRESSION COURSE

The training course is dedicated to any attendee who expresses interest in learning more about Analog and Digital Audio. It is a great opportunity for any actors of the TV ecosystem such as TV broadcasters, network operators, terminal manufacturers and system integrators to learn more about this technologies and systems.

VIDEO EXPERT 24 x 7

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COURSE OBJECTIVE

This training course aims at providing basic theoretical and practical knowledge on the Digital Video system and standard. It provides a wide overview of market segments and applications that would be addressed with this standard. The course also aims to provide the participants with a good understanding on how MPEG-2 transport streams can be used to carry services encoded in MPEG-2, service information is delivered as well as overview of television broadcast systems and infra-structures.

COURSE PRE-REQUISITE

No specific television or broadcast knowledge is required. But general familiarity with technical concepts is assumed. Some knowledge, experience and exposure in analog and digital video will be better.

COURSE DURATION

The training course usually takes place over 2 days. This could be extended on specific request.

TRAINER

Training course led by the technical expert who has a few years of working experience in analog video, digital video, audio technologies, MPEG and RF; and has conducted related equipment and technology training programs to a wide range of industries training from broadcast to telecommunications to education to the military. Trainer was trained by the international training consultancy.

COURSE FORMAT

Classroom explanation and demonstration.

Each delegate completing this course will receive a full set of course note and certificate of attendance.

Seats are limited, please contact us for immediate registrations

Workshop fees inclusive of:

- Printed workshop material
- Certificate of completion

Fees:	RM 2300 per pax
Remarks:	Class starts with minimum of 3 pax

Register Today

Tekmark Broadcast Sdn Bhd
B-G-8, Endah Promenade
No. 5, Jalan 3/149E, Taman Sri Endah
Sri Petaling, 57000
Kuala Lumpur
Tel: +603-9057 8999
E-mail: tekmark.kl@tekmarkgroup.com

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COURSE CONTENT

MPEG-2 Overview

- Applications, standard and reference documents

Video Compression

- Pre-processing
- Discrete cosine transform
- Variable length coding
- Run Length Coding
- Intra-frame Redundancy
- Inter-frame Redundancy
- Group of Pictures (GOP)
- Profiles and levels

Audio Compression

- Audio masking
- MPEG Audio
- MPEG-2 Audio

MPEG-2 Transport System

- TS Format
- TS Packet and Header
- Presentation Time Stamp (PTS)
- Decode Time Stamp (DTS)
- Service Information (SI)
- MPEG Tables

Conditional Access

- Mechanism,
- Standards
- Command interface

Program Clock Reference (PCR)

- Mechanisms
- Standards and specifications
- PCR Measurements

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COURSE CONTENT

TV Distribution Systems

- Terrestrial Broadcast Delivery
- Satellite Television Delivery
- Cable Television Delivery
- IPTV Delivery

MPEG Analysis

- Transport Statistic View
- Program View
- Service Information Tables Monitoring
- TR101-290
- Elementary Stream

Summary

COMPANY DETAILS

Company Name	
Name	
Company Address	
Telephone Number	
Email	
Mobile	

TRAINING DETAILS

Please Tick	Description	Course Code	Date
	Analog Video Technology Course	TMB-AVT-001	
	Digital Video Technology Course	TMB-DGV-001	
	MPEG-2 Compression Course	TMB-MPEG2-001	
	MPEG-4/H.264 Compression Course	TMB-MPEG4-001	
	IPTV Technology Course	TMB-IPTV-001	
	Audio Technology Course	TMB-AT-001	
	File-Based Video Course	TMB-FBV-001	
	4K Video Instructions	TMB-4K-001	

DETAIL OF PARTICIPANTS

No	Name	Position	Contact Number	Email	RM

TERMS AND CONDITIONS

1. Course seat will be confirmed upon receipt of company purchase order/registration form and full payment before course commencement
2. Cancellation must be made no later than five (5) working days prior to the scheduled date. Refund will NOT be entertained for NO SHOW cases
3. Attendee substitutions are permitted. Please inform us of any changes least 5 working days prior to the start of the course
4. Training dates and cost are subject to change without prior notice
5. Payment can be made via cheque. Cheque(s) made payable to: Tekmark Broadcast Sdn Bhd

Authorized Signature

Name:

Position:

Company Stamp

Tekmark Broadcast Sdn Bhd

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