

Automation Systems

Gain practical, real-world knowledge in specifying, designing, selecting and configuring automation systems in this comprehensive two-day course.

Benefits:

There is a worldwide trend in moving to multi-channel broadcasting and central casting. This trend is driven by broadcast automation systems. Learn how to specify and design the automation system that is right for your organization.

What you will learn:

- Why and what process to automate.
- Automation system architectures: A comparison of leading automation systems.
- Designing for uninterrupted operation: Redundancy and maintainability.
- Working with an automation system. DigiWorkz automation lab features an encode automation system driving a Leitch video server.

For who:

Prerequisite:

Persons considering this course should have a working knowledge of videosevers and or basic machine control. DigiWorkz also offers entry level courses on machine control and videosevers for persons seeking this prerequisite knowledge.

This course is designed for engineering project managers and engineers tasked to design, select or upgrade the broadcast automation system within their organizations.

This course also lays the foundations for DigiWorkz Advanced Automation course which includes topics such as programming a customized interface to traffic systems.

Learning Features

- Hands-on with an enterprise-level, dual-channel automation system at DigiWorkz Automation Lab.
- Automation System design and configuration exercise culminating in the automation system design tailored to the individual student's specifications.

Supported by:

Course Outline:

- Evaluating strengths and weakness of automation systems.
- Identifying situations and process which can benefit from automation.
- Understanding the key components of an automation system.
 - Device server or controller.
 - Communications link between controller and controlled deices.
 - Operator or client workstation.
 - Material management system.
 - Control panels.
 - Status displays.
- Analysing automation system architectures: A case study of how leading automation vendors have chosen to structure their automation systems and how these decisions impact:
 - Redundancy
 - Maintainability
 - Upgradeability
 - Material management
 - Cost
- Developing redundancy / backup strategies:
 - Mirrored
 - N+1
 - “Known-good” configuration and disk images.
 - Database corruption; backup and recovery tips.
- Peripheral considerations:
 - Timing reference.
 - Electrical power supply, noise and grounding.
 - Cable plant and physical routing.
 - Traffic system interfaces: playlists and as run logs.
 - Intermediate and deep archive interfaces.
- Automation system specification and design exercise.

Venue:

DigiWorkz, located at The School of Film& Media Studies in Ngee Ann Polytechnic, to provide broadcasters and production house with hands on skills taught by expert trainers.

Duration:

2 days course (9.30 am to 5.30 pm)

Fees:

S\$ 950.00 (before 7% GST)

Contact:

Ho Siew Mun
siewmun@editecintl.com

Supported by:

REGISTRATION FORM

Please fax this form to (65) 62828 039 to book your place

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

Automation Systems

Course fees: **S\$ 950.00** (before 7% GST) Duration: **2 day**

Course dates: ____/____/____ to ____/____/____

1) Name (Dr/Mr/Mrs/Ms).....
Title:
Email:

2) Name (Dr/Mr/Mrs/Ms).....
Title:
Email:

Company:

Address:

Email:

Tel: Fax:

Nature of Business:

Important notice:

Payment must be received **7 days prior to the course** to guarantee your place.

Method of payment:

Please arrange a crossed cheque or bank draft made payable to EDITEC INTERNATIONAL PTE LTD.
And mail your payment together with a copy of this registration to:

61 Tai Seng Avenue,
#05-01 UE Print Media Hub,
Singapore 534167

Enclosed is our cheque /draft for S\$

Overseas delegates may pay by **telegraphic transfer** into the account of Editec International Pte Ltd to the following account:

Account No.932-343-086-8
United Overseas Bank
Block 803 King George's Avenue
#01-242/244
Singapore 200803

Please quote "name of course" and your company name in your payment instructions.

Cancellation and transfers:

If you are unable to attend, a substitute delegate is welcome at no extra charges. Please provide the name and title of the substitute delegate at least 3 days prior to the seminar.

A full refund less 10% admin charge will be given for cancellation received in writing 14 days before commencement of the course.

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