

Broadcast Operation Refresher

Get refreshed and updated on the fundamentals of television broadcasting in this intensive 2 day hands-on course

Benefits:

Build a solid foundation on your understanding of broadcasting principles. This course has been specially designed to address the needs of the working broadcast professional. Less experienced participants get to learn the essentials while seasoned professionals are updated on digital technologies.

What you will learn:

- What the business of broadcasting is about and how to work effectively with it.
- Recognise common signals used in broadcasting and how to evaluate and measure them.
- Identify picture (and audio) quality issue and how to fix them.
- How to recover from common broadcasting problems and troubleshoot them in our custom-built Broadcasting Lab.

For who:

Broadcast Operation Officers, Network Operators, Operation Staff, Operation Supervisors, Presentation Officers, Engineers, Maintenance Engineers, Studio Crew, Location or Outside Broadcast Crew, Technical Producers, Promo Producers, Studio Directors, Videotape Editors, Post-Production Editors, Schedulers, Loggers, Traffic Personnel, Operations Managers, Department Managers or anyone interested in how television works.

Hands-on exercise in purpose-built operations lab:

- Participants learn through a series of exercises which strengthen their understanding, including:
- Hands-on practical lab work using the purpose-built Broadcast Operations lab at DigiWorkz.
- Exercises using a range of worksheets to reinforce understanding of the course materials
- Practical demonstrations on the Broadcast operation lab and

Supported by:

- Practical Recovery and troubleshooting exercise using the broadcast operations lab

Course Outline:

- Understand the broadcasting environment and learn how to work with it. Learn about the unique time constrained, people-centred culture that is broadcasting and what you can do to maximise your effectiveness.
- Reconising a good (or bad) signal. You are responsible for the QC of signal or a recording, Do you pass or fail it?
- Getting your priorities right. Put the programme back on the Air first, troubleshoot later. Learn exactly how to do that. *"The power have failed on rack 15 – what do I do next?"*.
- Create a visual and/or spoken user manual. Learn how to sign post your workspace to help you through the complexity. " How do I patch VT 202 direct to Air – there must be 500 patch points here!"
- Common signal types. How to reconise and use them. PAL, NTSC, SDI, ASI, LTC, VITC, FEC – make sense of this alphabet soup.
- Using the correct instrument to QC a signal and understanding what they say.
- Learn how to use colour bars to ensure proper signal levels.
- Tape care – do's and don'ts.
- "I want that whit whiter and that Black Blacker.
- Also give me more red"
- How to use a waveform monitor and vectorscope to ensure whites are bright and red is red (and not brown)
- "Why is that #\$\$%& commercial so LOUD?" Understand the VU and PPM and relate that to dBFS. Making sense of audio levels.
- "I have gone digital and now I get clicks and pops everytime I switch programmes." Understanding the basics of digital audio and reconising its special needs.
- Line-up a picture monitor so that you can properly access picture quality.
- Learn about ideal viewing conditions so that you can best adjust your viewing environment.
- Common picture (and audio) quality problems and what cause them and how to fix them.
- Digital picture artifacts" I thought digital quality was high quality-what did I do to create that horrible blocky-looking picture? How do I fix it?"
- "Hey TVRO – I've got a really murky picture going out here on channel XYZ. Should I adjust or do you?" Nobody fixed the problem and it continued to go out bad. Learn how to deal with this situation so that it does not happen to you.

Supported by:

- “Get our special BIG BURGER for only \$ (cut off)” – safe areas, making sure your message shows.
- Doing it for real in our custom-built broadcast operation lab. Practical recovery and troubleshooting exercises.

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.

Broadcast Operation Refresher

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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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