IICA/ISA Professional Development Course
Ethernet and TCP/IP on the Plant Floor (FG21C)

The IICA/ISA Professional Development Training Course: FG21C Ethernet and TCP/IP on the Plant Floor, may be recognised by Engineers Australia in accordance with their CPD Policy Guidelines

The IICA together with the ISA presents FG21C: Ethernet is fast becoming the new standard for industrial control networking worldwide. Using process control concepts, this seminar explains both Ethernet and TCP/IP as they apply to the plant floor. Included are topics such as the various types of copper and fiber-based Ethernet, how to design Ethernet cabling systems, and principles of network security. You'll also look at the differences between repeaters, bridges, switches, and routers and how to correctly implement them. Real life examples and case histories will help you understand the truth about Ethernet and TCP/IP

BOOK NOW TO SECURE YOUR SPOT - seats are limited

Course Details

Where	**Sydney TBA**
When	**9am - 5pm, Tuesday 19 July 2011**
Cost	**IICA Member: $545 Non Member: $745 Student: $245** *Only full time students qualify for the discounted Student rate
Register	**To register click here or complete the attached form and fax to 03 9772 0133** **For more information click here**

Course Outcomes

On completion of the course you will be able to:

- **Define what network protocols really are and how the OSI Reference Model helps organize them**
- **Compare Local Area Network (LAN) topologies and cabling methods**
- **Discuss media access techniques including CSMA/CD, token passing, and master/slave**
- **Define the concepts of Ethernet LAN design in an industrial environment, using repeaters, bridges, routers, gateways, and switches**
- **Explain the basics of TCP/IP and what it does for your network**
- **Identify the principles of good network management, including network security, redundancy, and troubleshooting**

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Course Registration: FG21C - Tuesday 19 July 2011

Registration Details

☐ **IICA Member Registration: $545**   ☐ **Non Member Registration: $745**

☐ **Student Registration: $245**

Name

Company

Company street address

Suburb/Town   **Post code**   **State**

Phone

Email

How did you hear about the event?

☐ **Email**   ☐ **Telephone**   ☐ **Pace**   ☐ **Other**

Course Payment

Please charge my credit card with $_____

Payment method (please circle): Visa   MasterCard   Amex   Cheque (attach, payable to IICA)

Card Number: _____/_____/_____/_____ Expiry Date: _____/_____

Cardholders Name:_____ Cardholder Signature_____

Refunds/Cancellations

A 25% cancellation fee applies for cancellations received less than one week prior to the start of the workshop. Substitutes in place of a cancellation are welcome.

The IICA reserves the right to cancel the course/s if numbers do not reach the required number of registrations

Institute of Instrumentation, Control & Automation Australia Inc. — ABN 70 901 535 539
A Tax Invoice/Receipt will be forwarded after processing.
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For more information, please direct all enquiries to:

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ABN: 70 901 535 539

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