



TPS SYSTEM LCN MAINTENANCE (HONEYWELL COURSE NUMBER 4770)

COURSE DESCRIPTION

This course provides students with the skills to maintain and support the Local Control Network (LCN) and its primary nodes. Hands-on lab exercises enable students to familiarize themselves with the hardware and software components of the LCN and its nodes by assembling the various LCN node components, determining correct part numbers, verifying hardware and firmware revision levels of circuit boards and by powering up and loading the LCN nodes. In addition, students utilize system documentation and built-in diagnostic displays and tools to aid in troubleshooting instructor-installed LCN-based problems.

COURSE OBJECTIVES

At the end of the course, participants will be able to more effectively and efficiently identify problems with their LCN system, gain preventative maintenance and troubleshooting techniques. Hands-on lab exercises reinforce and solidify skills.

COURSE OUTLINE

- Use Knowledge Builder on-line documentation
- Assemble the various LCN node hardware components including NIMs, HGs, PLCG/EPLCGs, CMs, NGs, and GUS nodes, and US Stations
- Assemble, checkout and load a complete LCN system
- Interpret the TPS system Configuration Utility (GUS only)
- Utilize and interpret system maintenance-oriented features such as the Status displays, journals, LCN diagnostic displays and Perfmenu displays
- Use Emulated Disks (GUS only) and the Command Processor for LCN file manipulation
- Recognize and interpret system alarms
- Troubleshoot the History Module and other LCN nodes
- Set up a Preventative Maintenance Procedure

FOR WHOM

This course is intended for those who have responsibility for maintaining the Local Control Network (LCN) and its nodes and those that require skills to determine LCN system health and to diagnose and troubleshoot problems with the LCN and its nodes.

PRE-REQUISITES

Familiarity with your own process.

COURSE LEADER

The course leader is a Honeywell accredited trainer.

CERTIFICATE OF PARTICIPATION

Certificates of Participation will be awarded to participants who have achieved 75% attendance for the course.

COURSE INFORMATION

Course Code	:	CT4006
Duration	:	5 days
Time	:	9.00 am to 5.00 pm
Duration (hours)	:	40 hours
Venue	:	Chemical Process Technology Centre 81 Jurong Island Highway Singapore 627837
Closing Date for Registration	:	5 days before commencement date

COURSE ADMINISTRATION

Registration

For registration, please complete and return the attached Registration Form together with the appropriate payment by cheque made payable to "Petrofac Training Pte Ltd".

Enquiries

Please contact:
Telephone: 6880 2000 Telefax: 6896 7151

Course Fee Subsidy/Payroll Subsidy
Not Available.

