



GUS/LCN/UCN IMPLEMENTATION REFRESHER (HONEYWELL COURSE NUMBER 57R5DEB)

COURSE DESCRIPTION

This five day, Global User Station (GUS)-based course provides a hands-on review of the operation and configuring of a **Total Plant Solution (TPS)** System consisting of a Local Control Network (LCN), a Universal Control Network (UCN) and an HPM controller using the Data Entity Builder (DEB) as the configuration tool.

COURSE OBJECTIVES

Participants choose which skills to review including operating points and cascades, configuring the Native Window, configuring the TPS network and its nodes, building an HPM point database, creating basic GUS displays, configuring an operator keyboard and setting up history functions, Group displays, logs, journals and reports.

COURSE OUTLINE

- Identify GUS, LCN and UCN hardware and their functions
- Navigate and manipulate Native Window operational and system displays including the Group, Detail, Alarm Summary, Console, System and UCN Status displays
- Manipulate LCN formatted files on the HM or Emulated Disk through the Command Processor
- Configure the GUS for TPS System operations using the Configuration Utility
- Create a Network Configuration File to establish fundamental system definitions
- Initialize a HM to establish it as the system file server and historical data collector
- Configure a UCN consisting of a NIM and HPM
- Operate and build HPM analog I/O, Regulatory control and Regulatory Process Variable type points, including cascade control loops
- Create a configurable GUS keyboard button file
- Define parameters for history collection on the HM
- Create a simple GUS graphic

- Define the Area Database to customize the operations environment including assigning units for operational control, building group displays, defining graphic invocation search paths and creating logs, journals and reports
- Optionally utilize system support and administration tools including the TPS Status display, Command Files, Exception Build files, the Documentation Tool, and Virtual Printers

FOR WHOM

Anyone responsible for implementing and/or supporting an existing Local Control Network (LCN) and Universal Control Network (UCN) using GUS and the DEB or need to re-acquaint themselves with much of the TPS system's capabilities.

PRE-REQUISITES

Global User Station/Local Control Network/Universal Control Network Implementation using the Data Entity Builder (5722/CT4003)
Desirable Skills and/or Experience
Familiarization with own plant's process control environment

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	:	CT4001
Duration	:	5 days
Day / Time	:	Monday to Friday (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

Telephone: 6880 2000 Telefax: 6896 7151

Course Fee Subsidy/Payroll Subsidy
Not Available Yet
