Earn and Learn Programme
Advanced Diploma in Chemical Engineering

About the course
• Deepens the existing knowledge and skills of participants in the areas of Chemical Process Principles, Chemical Process Design and Operation and Chemical Process Control, Optimisation & Safety
• Participants will be employed in the chemical industry as full-time employees while studying part-time
What you’ll learn

This course consists of 3 Post-Diploma Certificates (PDC)

**PDC1: Chemical Process Principles**
- Material and Energy Balance
- Thermodynamics
- Fluid Flow, Heat Transfer and Mass Transfer

**PDC2: Chemical Process Design and Operation**
- Separation Processes
- Chemical Reaction Engineering

**PDC3: Chemical Process Control, Optimisation and Safety**
- Process Control
- Process Optimisation
- Process Safety

Who should attend?

Fresh full-time polytechnic graduates from the relevant fields who wish to deepen their technical skills in the chemical industry.

How to apply?

[www.pace.sp.edu.sg/nach](http://www.pace.sp.edu.sg/nach)

With SP, it’s So Possible

**Course Duration**
600 hours
(1.5 years)