

# Why not end your day by beginning your **FUTURE?**



## PROGRAMME CONTENT

### YEAR I (Certificate & Diploma)

- Introduction to Chemical & Process Engineering
- Material and Energy Balances
- Fluid Mechanics and Particle Processing
- Heat Transfer and Applied Thermodynamics
- Mass Transfer and Separation Processes
- Process Control and Equipment Integrity

### YEAR II (Diploma Only)

- Process Simulation & Optimisation and Occupational Health & Safety in the Process Industries
- Environmental Engineering & Safety
- Reaction Engineering and Unit Operations
- Process & Plant Design and Project Management
- Diploma Project

## DIPLOMA / CERTIFICATE IN PROCESS & CHEMICAL ENGINEERING

The Diploma is a part time 2 year NQAI level 7 (minor) programme. The programme consists of an integrated two year course which will lead to the award of Diploma. Candidates who successfully complete Year I but do not progress to complete Year II will be awarded a Certificate.

Lectures delivered via blended learning through a combination of online and evening classes September - April.

The programme fee is €2,925 per annum and this includes student registration, course materials, and refreshments with evening classes.

Applications for 2020 intake, should be made through the Centre for Adult & Continuing Education (CACE) at UCC by **Friday 28<sup>th</sup> August 2020**. Online application available at: <http://ace.ucc.ie/>

More detailed information is available at: [www.ucc.ie/en/processeng/postgrads/cpd/](http://www.ucc.ie/en/processeng/postgrads/cpd/) or by contacting Dr Denis Ring on: - **086-6098733** or [d.ring@ucc.ie](mailto:d.ring@ucc.ie)



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