



# Professional Diploma in Operations Excellence

One Year Part Time (September/January start)

## Introduction

Operations Excellence (OpEx) is the application of continuous improvement principles and tools that lead to long-term sustainable growth and create a culture of excellence in organisations. This programme is designed for professional learners who are based in industry and have at least three years of industry experience and a background

in engineering, technology, science or mathematics. The outcomes of this Professional Diploma will enable graduates to implement and lead improvement in their manufacturing organisations using principles of Lean, Six Sigma, Data Driven Decision Making and Business Process Re-engineering.

## Course Highlight

The learning environment is highly collaborative and experiential. The part-time nature of the programme, in conjunction with the blended delivery format, allows participants to continue in employment and to quickly apply their newly acquired skills in an experiential manner. Through the discussion based learning environment, there is a high degree of learning from peers across different industry sectors and organisation types.

## Course Content and Structure

The Professional Diploma in Operations Excellence comprises 20 credits (four modules). These modules are offered across the Autumn and Spring Trimesters.

The four modules in this Professional Diploma will be delivered in a blended format. This comprises of on-campus classroom based seminars and workshops, in addition to online classes.

Students can opt for either a September or January start.

### Modules offered

- ◆ Operations Management
- ◆ Decision Analysis
- ◆ Quality Management
- ◆ Business System Design

*For those who wish to take individual modules, but not the diploma, please contact the ADVANCE Centre - [info@advancecentre.ie](mailto:info@advancecentre.ie)*

## Why study at UCD?



### Graduate education

12,800 graduate students; 17% graduate research students; structured PhDs



### Global community

9,500 international students and a 300,000 alumni network across 165 countries



### Graduate Employability

Ranked no.1 in Ireland in QS Graduate Employability ranking



### Global careers

Dedicated careers support; 2-year stayback visa to work in Ireland

*Programme offered as part of the*

**THE ADVANCE CENTRE**  
for Graduate Professional Education

[www.advancecentre.ie](http://www.advancecentre.ie)



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## Career Opportunities

Operations Excellence (OE) provides individuals with the skills and competencies to undertake a broad range of improvement initiatives in their organisations, which creates competitive advantage by focusing on the operational activities where it can outperform its competitors. Students will develop their knowledge and skills in the area of operations excellence with application in engineering and technology firms, from small medium enterprises to global multinational organisations.

## Programme Director

Dr Vincent Hargaden



## Applicant Profile

- ◆ Applicants should hold an honours undergraduate degree (NFQ level 8) with a minimum upper second class honours or international equivalence in a relevant Engineering, Science or cognate technology degree. Applicants who do not meet this academic requirement will be assessed on a case-by-case basis.
- ◆ Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent.
- ◆ Applicants should have a minimum 3 years industry experience in an engineering role or equivalent.

### Tuition Fees

Tuition fee information is available on [www.ucd.ie/fees](http://www.ucd.ie/fees).

### Class Times

This programme is delivered in a blended format. Face to face classes take place on the UCD Belfield Campus on Friday (all day) in weeks 1, 4, 8, 12 of both Autumn and Spring Trimesters. Online classes take place on Friday afternoons and Saturday mornings in weeks 2, 3, 5, 6, 7, 9, 10, 11 of both trimesters.

### Related Masters Programmes of Interest

- Masters of Engineering Management (MEM) PT
- Professional Diploma in Power System Analysis
- Professional Diploma in Electronic Design

This programme will equip you with the ability to understand, evaluate and apply the essential tools of lean, six-sigma, process design and decision analysis. You will be able to troubleshoot process inefficiencies, analyse what to change and validate improvements. You will be able to add value for your customers and help your organisation, whether an SME or a multinational, manufacturing or service, to stay ahead of the competition. You will learn from subject matter experts, both academic faculty and senior industry practitioners, as well as your fellow participants who come from a wide range of industry sectors. Finally, the part-time nature of the programme provides you with the flexibility to work and study.

### CONTACT US

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### APPLY NOW

This programme receives significant interest so please apply early online at [www.ucd.ie/apply](http://www.ucd.ie/apply)