

Postgraduate Certificate in Project Engineering

- Per time period
 - i.e. per year
- Business view
 - > either difference between
 - ✓ expected income
 - ✓ related expenses
 - > or, decrease of operating expenses

	Y1	Y2	Y3	Y4	Y5
benefits	30	30	40	50	50



Postgraduate Certificate in Project Engineering

Oxford Academics is pleased to present a unique opportunity to study for the Postgraduate Certificate (PG Cert.) in Project Engineering from the University of Chester: Oxford Academics provides postgraduate education in project engineering and the University of Chester awards Postgraduate Certificate in project engineering.

The distinction between Project Engineering and Project Management is deliberate and meaningful. For each project, Project Engineering consists of designing, optimising and organising adequate Project Management and Project Governance

The programme is relatively unique in two ways:

1. it adopts an engineering as opposed to a management approach to achieving success in complex projects, and
2. it assembles academic and professional bodies of knowledge to treat the scope and depth of issues encountered in today's complex, fast-moving and cost-critical project environments.

Graduates of this programme are well equipped to deal with real projects in real settings, at a significantly advanced level of project expertise.

Aims

The PG Cert. PE in itself is aimed at engineering project management at a tactical level. But is also an intermediate step toward both Postgraduate Diploma in Project Engineering (PG Dip. PE) and Master of Science in Project Engineering (MSc. PE).

The overall aim of the Project Engineering curriculum is to enable students to define, optimise and operate project management in an effective and efficient way: development of analytical, pragmatic logics in diagnosing project situations. application of appropriate methods, tools and techniques.



Project engineering skills developed in this programme include:

- Project compliance (the art and science to make the right project),
- Project conformance (the art and science to make the project right),
- Project time and cost (the art and science to produce adequate scorecards).

The programme has been developed over more than 20 years in both professional and academic settings.

Postgraduate Certificate in Project Engineering

For whom

Professionals with a project management background who face a gap in project complexity: i.e. from expert projects to team projects, from team projects to multiple management levels, or a sudden increase in the number of management levels:

- Managers whose expertise and core skill is a key success factor. In projects performed by a team of experts, the human skills of a project facilitator then become a key success factor.
- Managers of projects where there are multiple management levels. These require dedicated project management methods, techniques and tools. Project engineering is at the centre of these situations.
- Post Graduate students with technical, scientific or technology degree who wish to supplement their professional offer with management skills, internationally valued



By whom

Balance between professional exigency and academic insight constitutes a cornerstone of the programme. Participants not only study academic theory and research, but also encounter the current “best practice” and experience of world-class companies and organisations, together with the profession’s most respected professional bodies.

Professional experience is shared to the development of analytical, pragmatic logics in diagnosing project situations and applying appropriate methods, tools and techniques.

Further information:

Websites:

www.oxford-academics.uk.net

www.pgcert-pe.oxford-academics.uk.net

www.chester.ac.uk/pg/preject-engineering

Gilles Vallet, Programme Leader:

Tel: +44 (0)1865 589954, E-mail: g.vallet@oxford-academics.uk.net

Programme Breakdown Structure

PG Cert PE programme is split into three different modules:

- Definition Scope Engineering (PM7101) is aimed at assuring project compliance at the tactical level of “senior user” (“product manager”).
- Project Plan Engineering (PM7102) to assure project conformance at the tactical level of both “proposal facilitator” (“bid manager”) and then “project manager” (“project leader”).
- Time and Cost Engineering (PM7103) is aimed at assuring project performance analysis at the tactical level of “project management officer” (“PMO”).

Entry requirements:

Applicants must possess an honours degree of 2.2 or equivalent. In exceptional cases substantial experience in the field of Project Engineering, or a closely related discipline (e.g. Project Management, Risk Management, Lean Methodology). Applicants for whom English is not a native language must also demonstrate proficiency in the English language. Such applicants must have minimum score of 6.5 on IELTS.

For application details, ask for “PG Cert. PE - info pack” at:
pgcert-pe.uoc@oxford-academics.uk.net