



OXFORD

Association of Management

Pre Engineering

About the Oxford Pre Engineering Programme

Many students wish to undertake engineering courses *e.g. mechanical, electrical and civil, computer and soft-ware engineering* , etc but did not achieve the correct grades are usually forced to repeat their O or A Levels for another year.

This takes too long for what they would simply do in a much lesser time and sometimes exams may be harder the following year and you achieve worse results, not leaving aside the cost of being in school for another 2 terms.

This course focuses on the subjects that are required for your engineering degree and goes further to ensure that your one year earns you exemptions for the same.

So if you did not meet the “cut-off” points but feel capable, this course would provide you with alternatives and a chance to join good international universities all over the world, mostly in the U.K, Canada, US, Australia, etc

Career Exits

Candidates of this course have the following career options on completion:

- Join an engineering school and study engineering courses in a university of the candidate's choosing
- Proceed to Cambridge Advanced Diploma in Computing and later specialize in either hardware or software engineering
- Proceed to Oxford Advanced Diploma in Actuarial Science
- Proceed to Advanced Diploma in Business Management



QUALITY

Assurance Commission

MODULES

Code No.	Core Modules	Code No.	Additional Core Modules
OXFREE 1	Introduction to Structural Mechanics and Strength of Materials	OXFREE 9	English
OXFREE 2	Civil and Commercial Law	OXFREE 10	Mathematics
OXFREE 3	Introduction to Building and CAD Technology	OXFREE 11	Chemistry
OXFREE 4	Digital Circuit Design	OXFREE 12	Physics
OXFREE 5	Digital System Processing		
OXFREE 6	Leadership		
OXFREE 7	Fundamentals of Computer Science/ ICT at Standard Level.		
OXFREE 8	Business Organization and Environment		Optional Modules (Choose one)
		OXFREE 13	Introduction to Computer Engineering
		OXFREE 14	Introduction to Mechanical Engineering
		OXFREE 15	Introduction to Civil Engineering
		OXFREE 16	Introduction to Electrical Engineering
		OXFREE 17	Introduction to Mechatronic Engineering
Final Project			

Course duration

- Fast-track candidates would take 10 months on coursework.
- The maximum course duration is 24 months with written extension permission from Oxford (OXIM)

Examinations / Assessment / Certification

- Assessment is through work-based assignments hence exams are fully practical.
- The *Core Set* of modules requires production of 3,000 to 4,000 word projects for each module at end of each month and all the *core set* of modules must be done
- Local moderation will be done through Oxford, OXIM's and QAC's certified professional
- Final assessment will be done by Oxford, OXIM (UK)
- Transcripts will be awarded for all attempted modules directly from Oxford, OXIM (UK)
- A Foundation Diploma certificate (Pre - Engineering) will be awarded to candidates who complete all modules successfully as above.

Exemptions and credit awards

There are candidates who may have done or have accredited work place experience in a given set modules. Credits may be awarded hence exemptions in these modules. These can be used to offset any Core or additional set of modules.

Professional Recognition

The Oxford Association of Management (OXIM) Foundation Diploma in Pre-Engineering is recognized world-wide and graduates immediately get admission as professional members of Cambridge Association of Managers and Oxford Association of Management.

Credit Transfers to Other Course Levels

Candidates at this level would usually be expected to proceed to the next level where the candidate may either

- Proceed to Cambridge Advanced Diploma in Computing and later specialize in either hardware or software engineering
- Proceed to Oxford Advanced Diploma in Actuarial Science
- Proceed to Cambridge Advanced Diploma in Business Management
- Join an engineering school and study engineering courses in a university of the candidate's choosing. However, this largely depends on the university credits are being transferred, as different universities have differing admission policies.

Learning Support: You will receive all learning materials from your study centre.