



ONLINE Building Regulatory Engineering

Lecture Schedule January to May 2019

Contact Time:

3 hours of contact time per week will be provided over 13 weeks of Semester 2. This contact time will include lectures as outlined below, together with online workshops and tutorials. The course will be completed on week 12, and week 13 will be primarily tutorials. During the 12 weeks, online workshops will be undertaken as preparation for the open book examination, in May/June 2019.

The lectures will be given 1 night each week and these will be recorded. This will allow those taking the course to view the lecture at an alternative time if that suits them better. Online questions can be asked and responded to during the lecture delivery times.

CIT has successfully provided engineering courses online now for a number of years and has all of the necessary IT equipment in place.

Notes:

A full set of notes will be posted to you, prior to the course commencing.

Assignment & Final Examination:

An short assignment to be handed up on week 9, together with an open book final examination at Cork Institute of Technology at the end of the Semester. In the event of applicants being unable to attend at CIT, then the taking of the final examination at an approved remote centre may be possible.

Certification:

A level 8 single module certificate in “Building Regulatory Engineering” will be conferred on those who are successful in this course.

Lectures Delivered:

- Lecture 01- Introduction to Building Regulatory Engineering /Legislation
- Lecture 02 – Building Control Amendment Regulations 2014
- Lecture 03 –Code of Practice (BC Regs)
- Lecture 04 – TGD D
- Lecture 05 – Construction Products Regulations
- Lecture 06 – Accessible Design Principles
- Lecture 07 – TGD M Access & Use
- Lecture 08 – DAC & Fire Safety
- Lecture 09 – TGD H – Drainage & Waste Water Disposal
- Lecture 10 – TGD C – Site Preparation, Moisture, & Radon
- Lecture 11 – TGD K - Stairways, Ladders, Ramps, & Guards
- Lecture 12 – TGD A – Structure
- Lecture 13 – Introduction to Eurocode Design
- Lecture 14 – TGD A – Structural Check Calculations
- Lecture 15 – TGD A – Progressive Collapse Design
- Lecture 16 – TGD J – Heat Producing Appliances
- Lecture 17 – TGD B – Fire Safety Certification
- Lecture 18 – TGD B – Fire (B1) Means of Escape
- Lecture 20 – TGD B – Fire (Space Separation Design)
- Lecture 21 – TGD E – Sound
- Lecture 22 – TGD F – Ventilation
- Lecture 23 – TGD G – Hygiene
- Lecture 24– EU Energy Performance of Buildings Regulations
- Lecture 25 – TGD L –Fuel & Energy (Dwellings)
- Lecture 26 – TGD L –Fuel & Energy (Non-Dwellings)