



B Eng Tech in Fire Engineering

This part-time programme has been developed by DIT in collaboration with the Institution of Fire Engineers (Republic of Ireland branch) and is an ordinary degree programme in Fire Engineering (NQAI level 7) which is aimed at members of the fire services and the fire safety/engineering sector in general.

Structure

The programme runs over 4 stages, and can be completed in 4 years and is delivered at DIT Bolton St. Students who successfully complete the programme receive a DIT B. Eng. Tech award, at level 7 of the NQAI framework. A level 6 Higher Certificate exit award is available on successful completion of stage 3.

Career Opportunities

This programme is suitable for career development in the fire services and fire engineering sector generally, and will permit advanced entry to honours degree programmes in the relevant fields.

Entry Requirements

A minimum of 5 subjects in the Leaving Certificate or equivalent to include at least two ordinary level C3's or equivalent, a pass in English or Irish and an Ordinary level D3 grade in Mathematics

or

Successful completion of any IFE examination will allow entry and some will allow for exemptions or advanced entry.

Mature and non-standard applicants are also considered on an individual basis.



Republic of Ireland Branch

Further Information:

School Administrator
School of Civil & Building Services Engineering
DIT Bolton St
Dublin 1

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(01) 402 4039
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Part-Time Programmes

Civil & Building Services Engineering



Fee Information

Module fees are based on the credit rating of modules. The majority of modules are 5 ECTS credits, and cost €360. A €135 capitation fee applies each year. Students normally take 40 credits of modules per year, so the typical cost is €3015 per year.

Exemption

Holders of the IFE level 3 Certificate (“Intermediate Exam”) are exempted from the module “fire safety 1” in stage 1. Holders of the IFE level 3 Diploma (“Graduate Exam”) are exempted from 60 credits of modules in stages 1 and 2.

Schedule of Modules

This is a guideline to attendance requirements and content. Schedules and module choices may be changed at the discretion of the Institute.

Indicative Timetable Stage 1 (40 credits)

Day	Time	Semester 1	Semester 2
Thurs	18-20	Physics 1 ^g	Physics 2 ^g
	20-22	Fire Safety 1 ^{g,i}	
Fri	9-11	Chemistry Lab ^g	Chemistry lab ^g
Fri	11-1	Maths 1 ^g	Maths II
	2-4	Chemistry 1 ^g	Chemistry 2 ^g

Indicative Timetable Stage 2(40 credits)

Day	Time	Module	Semester 2
Wed	16-18	Built Environment ^g	Fire Service Management 1 ^g
	19-22	Applied Energy Systems 1 ^g	Applied Energy Systems 2
Thu	11-13	Engineering Management 1 ^g	
	14-16	Structures	Fire Service Management 1 ^g
	18-20	Maths III	Maths IV

Indicative Timetable Stage 3 (40 credits including 5-credit project)

Day	Time	Semester 1	Semester 2
Wed	19-22	Engineering Management 2	
Thu	9-11	Maths V	Maths VI
	12-13, 14-15	Building Law/Safety Legislation	
	14-17 / 15-17	Fire Safety Systems	Building Services
	18-20	Fire Service Management 2	

Indicative Timetable Stage 4 (60 credits including 15-credit project)

Day	Time	Semester 1	Semester 2
Wed	18-20	Fire service Management 3	Professional Development
	20-22	CAD & I.T.	Fire Safety Legislation
Thu	9-12	Thermodynamics	
	14-17	Fluid Mechanics	Tutorials/Project Preparation
	19-22	Engineering Mathematics	

g Exemption may be claimed by holders of the IFE graduate examination

i Exemption may be claimed by holders of the IFE intermediate examination