



# Engineering Fluid Mechanics and Thermodynamics (City & Guilds)

## Programme Aims:

The unit presents the engineering science topics of fluid mechanics and thermodynamics. It aims to develop knowledge and skills in these topics to support the analysis of problems in fluid flow and energy transfer systems. At the end of this module the learner will:

- be able to apply principles of fluid mechanics to solve engineering problems
- be able to apply the laws of thermodynamics to solve engineering problems
- be able to solve practical, steady-state engineering problems

## Entry Requirement

a) International City and Guilds Certificate award (2565) or, b) National Craft Certificate in the following trades: Aircraft Mechanic, Electrician, Fitter, Heavy Vehicle Mechanic, Toolmaker, Metal Fabrication, Motor Mechanic or equivalent or, c) National Certificate in Engineering or, d) National Certificate in Technology or, e) Society of Manufacturing Engineers, Certified Manufacturing Technologist Level

## Qualification

City & Guilds 9209-430 Award

**Award:** Transcript of the result achieved will be issued by City and Guilds

**Department:** Mechanical & Automobile Engineering

**Campus:** LIT Moylish

**Level:** N/A

**Duration:** 15 Weeks

Duration 15 Weeks, 3 hours per week

Thursday from 7.00pm to 10.00pm

Commencing Thursday 19th January 2017

**Course Location:** Moylish Campus, Limerick

**Application Deadline:** 12th January 2017

## Entry Requirements:

- a) International City and Guilds Certificate award (2565) or,  
b) National Craft Certificate in the following trades: Aircraft Mechanic, Electrician, Fitter, Heavy Vehicle Mechanic, Toolmaker, Metal Fabrication, Motor Mechanic or equivalent or,

- c) National Certificate in Engineering or,
- d) National Certificate in Technology or,
- e) Society of Manufacturing Engineers, Certified Manufacturing Technologist Level

Weeks

**Course Fees:**

€500.

Additional City and Guilds Examination fees and registration fee will also apply.

**Contact:**

Department of Flexible Learning

Tel: 061 293802

Email: [FLlimerick@lit.ie](mailto:FLlimerick@lit.ie)