



# Forensic and Criminal Investigation BTEC

A course for the curious, hardworking and vocationally minded. Great to take alongside A Levels.

## Course Content - 8 units are studied

**1. Principles and applications of science** – Assessed through 3 short 40min external exams. Covers a small selection of topics in Biology, chemistry and physics to A level standard.

## 2. Practical Scientific Procedures and Techniques.

Assessed through 4 assignments

The 4 assignments are

- a) Titration and colourimetry
- b) Cooling curves
- c) Chromatography
- d) Personal development

## 3. Science Investigation Skills

– Assessed through 2 hour exam. – This unit covers how science is carried out in 5 main areas, circuits, diffusion, enzymes, plants and fuels.

## 4. Human regulation and reproduction.

Assessed through 3 assignments

- a) The control of heart rate and breathing rate by the nervous system
- b) Homeostasis - including water, sugar and temperature
- c) Reproduction – including oogenesis and spermatogenesis

## 5- Forensic Science Techniques

This is a practical unit which focuses on forensic science techniques, such as DNA finger printing, blood splatter analysis and crime scene investigation. It is assessed as a write up focusing on a few different crime scenes.

## 6 - Criminology

This is an examined unit (3-hour exam) where we focus on why people commit crime and how it should be punished. We focus in on crime and race, sex, age and socioeconomic class. We also think about what makes people a victim of crime.

## 7- Criminal System

This unit will focus on how the criminal system works, from crown court to prison cell. It is an examined unit (3-hour exam)

**8 - Fire Scene Investigation** - Here we will focus on crime scenes involving fire. It is a coursework-based unit. How will I be assessed?

4 main exams – worth approx. 60%

17 written assignments – worth approx 40%

## Which awarding body is the course validated by?

Pearson BTEC

## What qualification will I receive?

BTEC Diploma– worth equivalent of 2 A level

## What can I do with this qualification? (ie. University courses and potential career paths)

Designed for learners who are interested in learning about the sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in applied science/Forensic science. To be taken as part of a programme of study that includes other appropriate BTEC Nationals or A Levels.

## Entry Requirements

GCSE Science Grades 5/5; Note - Must be combined with Applied Science.

