

# Forensic Science Day

**University of Huddersfield**  
**Saturday 11th September 2010**  
**10.00am to 4.30pm**

Forensic science refers to the use of scientific techniques in the investigation of criminal cases. From its inception in the 1930s it has evolved into a complex science encompassing chemistry, biology, physics, botany, zoology, entomology, anthropology, medicine, dentistry, psychology and psychiatry.

The Forensic Science Day will give you a basic understanding of both the theoretical and practical aspects of this fascinating subject. No previous knowledge is required. Please note if bringing children that blood, knives and bullets will form visual/physical parts of the practical sessions.

The University of Huddersfield was established in 1825 and the Queensgate campus is now a leading site for training forensic scientists. This event will be led by the head forensic scientist and their team.

The cost is £36.00 per adult or £30.00 per child. This includes exclusive use of the laboratories and lecture theatre, all materials, lectures, buffet lunch and refreshments. Families are welcome. The nature of the activities means that places are limited to 50 participants. Booking deadline 3rd September 2010.

This event is being organised by **Maruba Events** in conjunction with.....



## The Forensic Science Day programme...

10.00am-10.30am  
Arrival and registration.

10.30am-11.10am  
Lecture: "An introduction to forensics".  
A frank look at the subject area; the reality, its use, its limitations.

11.10am-11.20am  
Tea/coffee break.

11.20am-12.40pm  
Participants will be split into two groups and rotate between two interactive sessions (40 minutes each) on bloodstain pattern analysis and forensic computing.

12.40pm-1.25pm  
Buffet lunch including vegetarian options and hot and cold drinks.

1.25pm-3.40pm  
Participants will be split into four groups and rotate between four practical hands-on sessions (30 minutes each) with a tea/coffee break mid-afternoon. Please wear casual clothes but no open toed shoes.

- *Drugs or a dangerous concoction?* The analysis of unknown samples at crime scenes.
- *Clothing damage analysis.* How evidence from clothing can suggest the weapon.
- *DNA from clothing.* How scientists extract DNA from victims.
- *Comparison microscopy.* Analysis of cartridge casings and shotgun shells.

3.40pm-4.15pm  
Lecture: "DNA profiling in CSI".  
A talk on the present and future methods of DNA profiling at the crime scene.

4.15pm-4.30pm  
Question and answer session then goodbyes.

## Forensic Science Day Booking Form

Name

Address

Phone

Email

Others in party

Ages of any children

I would like to book

- adult places @ £36.00
- child places (aged under 18) @ £30.00
- parking spaces on campus (free but must be pre-booked)
- vegetarian lunches

Total £

Signature

Please make cheques payable to "Maruba Events" and send to:

Maxine Bates  
Maruba Events  
80 Milnhay Road  
Langley Mill  
Nottingham  
NG16 4AW

Directions will be sent out with your booking confirmation.