Continuing Professional Development
Forensic Science
2020/21
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## Welcome

Cranfield Forensic Institute (CFI) is a world class teaching department for many forensic-related disciplines at Cranfield University, such as archaeology, ballistics, explosives and material science. Our state of the art facilities, research active academics and excellent industry links provide students with excellent standards of education and research, making CFI unique within the postgraduate education sector. Our faculty are highly active within the forensic science community and have the ability to bring industrial insights back to the classroom, enabling us to provide you with an unsurpassed learning experience.
Career development
Investing in your professional competencies is essential in developing the higher level skills needed to progress in your forensics career. Our courses are the ideal step towards senior technical or managerial roles; giving you the expertise and confidence to have a major influence on the success of your organisation.

Increased organisational capability
Our unique portfolio allows you to cost effectively meet skill and knowledge shortages by creating well educated and motivated professionals. Courses are designed to address wider personal skills as well as improving specialist knowledge.

Flexible delivery and practical learning
We can develop bespoke courses to meet specific needs and deliver them at our locations or on-site as appropriate.

The course will be taught through a combination of delivery methods. This includes lectures and hands on practical exercises, such as practical laboratory and field sessions, which reinforce and extend knowledge and wider understanding.

Our courses are flexibly delivered and based on a combination of classroom and lab coursework.

Industrial expertise
Course content is developed and taught by acknowledged experts who incorporate professional expertise with current knowledge gained through active participation within the forensics industry.

The experiences of casework active staff feed directly into the teaching and research projects undertaken by students, which in turn gives the next generation of forensic scientists and investigators the clearest view of the current paradigm in forensic thinking, and where it might take them next.

Academic staff
One of the strengths of Cranfield is that we bring together a world-class group of experts to share their experiences.

You will be taught by a wide range of subject specialists who use their research and industrial expertise to provide stimulating and informed input to your learning experience. Cranfield is one of the only universities in the world to have such a diverse range of specialist teaching staff who are still scene active with the police and military personnel. You will be taught by experts who employ their skills in a whole range of historical and/or defence related fields. This includes working routinely on the location, recovery and identification of individuals in combination with police, MOD and charitable organisations.

Networking opportunities
Our courses include opportunities for meeting fellow students with diverse backgrounds, staff who are still active in industry and visiting lecturers who are experts across the relevant sectors, providing new insights and current thinking on best practices.
Forensic short courses

Cranfield Forensic Institute can offer you a unique gateway into forensic education. Our staff and secure facilities are at the forefront of their fields, offering a diverse range of forensic science topics including: anthropology, archaeology, ballistics, heritage crime and explosives.

We have a wide range of short courses which allow you to advance your professional and technical development.

The majority of our Forensic short courses will be held at our Cranfield campus from October 2020. For Forensic short courses which will have content delivered at Cranfield University at Shrivenham transport will be provided from our Cranfield campus.

To find out more about our short courses, please visit: www.cranfield.ac.uk/forensics/cpd

Courses

- Analytical Techniques
- Ballistic Impact Protection
- Counter Improvised Explosive Devised Capability*
- Environmental Forensic Science
- Explosive Effects on Structures
- Fakes and Forgeries
- Firearms Investigations
- Fires, Explosions and their Investigations
- Forensic Archaeology: Mass Grave Excavation
- Forensic Archaeology: Recovering Buried Remains
- Forensic Ballistics Investigations
- Forensic Exploitation and Intelligence
- Forensics Investigation of Explosives and Explosive Devices
- Fundamentals of Forensic Anthropology: Osteology
- Further Forensic Anthropology Identification
- Hazardous Forensics
- International Heritage Crime
- Introduction to Firearms Investigations and Forensic Ballistics
- Introduction to Shock and Impact
- Investigation and Evidence Collection
- Mass Fatality Incidents
- Practical Archaeological Excavation
- Radiographic Investigations in Forensic Science
- Reasoning for Forensic Science
- Trace Evidence
- UK Heritage Crime

* This course will solely be delivered at Cranfield University at Shrivenham.

Contact us
Find out more about our forensic science short courses:
T: +44 (0)1234 754189
E: shortcourse@cranfield.ac.uk
www.cranfield.ac.uk/forensics/cpd
Progression routes

All of our short courses are modules of the Forensic Modular Masters Programme, which is accredited by The Chartered Society of Forensic Sciences, as such these short courses can be taken for credit. Participants can accumulate credits towards a postgraduate qualification. Typically a one-week course is worth 10 credits.

In order to receive Cranfield credits, delegates must register as an associate student and successfully pass the assessment associated with the course; this is usually an assignment or examination.

Your progression route to a postgraduate qualification (PgCert, PgDip, MSc) will depend on your chosen postgraduate course of study, delegates wishing to take this route will need to check with us which short courses can be considered.

**Postgraduate Certificate**
- 60 credits
  - Comprises a subset of the syllabus for the taught element of the associated MSc/PgDip course.

**Postgraduate Diploma**
- 120 credits
  - Typically the PgDip represents the taught element of the associated MSc, although occasionally the curriculum requires a group project or integrated assessment.

**Master of Science**
- 200 credits
  - Typically requires an individual thesis project on top of the taught elements.
In-company and customised training

How can you help your organisation and employees reach their full potential?

Have you considered in-company training, tailored to your own needs? Our insight is rooted in our powerful professional links, world-class research and what works in practice. As such, we can make a real difference to you and your organisation, whether you are a police force, a government department or NGO or industry. Benefit from having tailor made courses specific to your business needs, at a time and place that suits you.

We can provide a range of programmes from half-day workshops, to intensive week-long training, informed by the latest research and delivered by leading experts in the field.

Talk to us about how we can develop your staff and enhance performance in your organisation.

E: shortcourse@cranfield.ac.uk

Locations

Cranfield University at Shivenham
Cranfield University at Shivenham is located at the Defence Academy, which is a secure Ministry of Defence (MOD) site. It is situated in beautiful countryside near Swindon, with quick and convenient links to London and major UK airports.

Cranfield Campus
Located just over an hour from London in the English countryside, Cranfield’s campus environment supports close, working relationships between our multinational postgraduate students and academic and industry experts.

Cranfield Ordnance Test and Evaluation Centre (COTEC)
COTEC is situated on the edge of Salisbury Plain in Wiltshire. Delegates will have the opportunity to use the facilities at COTEC to undertake exercises, evaluations and independents tests at this safe and expert site where relevant to the programme they are undertaking.

Important information about security clearance for courses that are held in full or part at Shivenham Some Cranfield University courses are delivered at the Defence Academy of the United Kingdom, Shivenham which is a Ministry of Defence (MOD) site. All applicants to courses that are wholly or partially delivered at Shivenham must complete the BPSS (HMG Baseline Personnel Security Standard V4 April 2014) prior to registration on the course or must already hold a security clearance to this level or higher. It will take additional time to process your BPSS clearance application and you will not be able to do this course if you fail to obtain this. Please refer to the course page on the website for full details.

www.cranfield.ac.uk
Contact us

Virtual tour

See inside some of our facilities:
virtualtour.cranfield.ac.uk

www.cranfield.ac.uk/forensics/cpd