

Competition Overview

WorldSkills UK Forensic Science

About the Competition

This competition assesses the skills and abilities of competitors entering the field of Forensic Science and Crime Scene Investigation in particular.

This competition has been designed to reflect the role of a crime scene investigator / forensic scientist and the standards that are expected within the science industry.

Competitors will have to demonstrate the following skills:

- Forensic Awareness
- Crime Scene interpretation and Searching
- Exhibit identification and recovery
- ISO 17020 and 17025 as applicable to the Forensic Science industry
- Continuity and integrity of evidence
- Analysis and laboratory processing of evidence
- Reporting of evidence in CSI report, Statement of evidence and orally within a courtroom.

This WorldSkills UK competition is managed by Complete Forensics C.I.C.

This competition consists of:

- A National qualifier, which you must attend and complete a series of tasks on a specific day;
- A UK national final, taking place at the NEC in November as part of WorldSkills UK Live.

Further information, including pre-competition sample materials, are available on the WorldSkills UK website.

Core competencies

Competitors taking part in this competition should be able to

| Competence | Qualifier | UK Final |
|--|------------------|-----------------|
| Assess and search a crime scene <ul style="list-style-type: none"> • Identification of scene • Identification of evidence • Recovery of evidence in correct sequence • Identification of intelligence against evidential use • Theory Knowledge • Maintain a contemporaneous record of actions, observations and thoughts through written notes and diagrams. | Yes | Yes |
| Health and Safety <ul style="list-style-type: none"> • Correctly identify potential threats to health and safety. • Identifying and correctly document risk assessment. • Correct use of personal protective equipment. | Yes | Yes |
| Briefing and equipment | Yes | Yes |

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|--|-----|-----|--|
| <ul style="list-style-type: none"> • Receive and record a verbal or written briefing. • Correct selection of equipment from stock. • Identification of expected evidence types from briefing. • Communication with SIO / briefing officer to answer ambiguities. | | | |
| <p>Perform advance processes</p> <ul style="list-style-type: none"> • Perform advanced processes away from the crime scene such as fingerprinting using chemicals or powders, or repackaging evidence to ensure integrity. • Complete corresponding paperwork to reflect the status of the evidence processes | No | Yes | |
| <p>Laboratory Analysis</p> <ul style="list-style-type: none"> • Know and understand the use of laboratory equipment used in Forensic Science • Identify the correct processes for evidence provided • Compile a laboratory notebook as per current standards | Yes | Yes | |

Entry Criteria

This is an individual competition.

Up to 30 competitors are permitted to enter this competition per location, and up to 10 in total per organisation.

Competitors must be familiar with all the core competencies listed but must not have more than 1 years' industry experience.

Marking and Assessment

Each competition module will be assessed and marked independently of any other competition activity.

Once marks have been awarded by each of the judges, they will be averaged to obtain the final mark.

A panel of judges has been selected from a range of industry, college and training provider representatives. The judges' decisions will be moderated and quality assured by WorldSkills UK before being confirmed.

Please note that competitors who achieve the highest marks across all national qualifiers will be invited to compete at the UK Final. There is no automatic entrance to the UK Final for winners of national qualifiers. Complete Forensics will inform finalists following moderation of marks.

Test Project

1. Maximum working time is 2 x 1 hour tasks at National qualifiers and 3 tasks of differing lengths over 16 hours (3 Days) at the National Final.
2. At the start of the competition an allotted time will be allocated for work planning. This time is not part of the working time.
3. The competition will consist of 3 tasks/module(s).
4. All supplied equipment and materials must be accurately checked by the competitor upon commencing the competition.

5. All materials and equipment must be marked out/used in the most economical method.
6. Competitors will lose marks for any misplaced, lost or spoiled materials and/or equipment, where this is the result of competitor error.
7. Minimum marks will not be awarded for dimensional accuracy or technical perfection where instructions have been disobeyed
8. Competitors will lose marks for each minor breach of the Health & Safety rules. Where a competitor puts themselves or any other person at risk as a result of a Health & Safety breach, the task will be stopped. Where a task is stopped due to a Health & Safety risk, the judge will decide if the task can be continued safely

Materials and Equipment

You will be provided with the following equipment on the day:

- You will be provided with all relevant tools and equipment to complete the task on the day

Please ensure that you bring the following with you:

- Crime scene suits are not suitable to be worn over skirts please bring trousers and closed toe shoes

Competitors will not be permitted to use the following:

- Competitors will not be permitted to use their own tools.

Contact Details

Complete Forensics – Gary Howard (0800 772 3815, gary@completeforensics.org)

For general enquires please contact the WorldSkills UK Contact Centre 0800 612 0742 opt.2, Enquiries@WorldSkillsUK.org.

Competition Rules

A completed registration is an indication that you have agreed to the following:

- a) WorldSkills UK Competition Rules
- b) WorldSkills UK Terms and Conditions

Please ensure that you are familiar with these documents ahead of any competition activity.