

Helston Forensics

F o r e n s i c B a l l i s t i c L a b o r a t o r i e s



Our ref: 110326/NF/N

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Body Armour Course (1 Day)

Helston Forensics is inviting students to register on the Helston Forensics Body Armour Course.

The Course is conducted by personnel from Associated Armour Ltd, who operate from the Helston Gunsmiths factory. Associated Armour are currently working with the latest materials and advising major manufacturers on processes required to deliver the lightest and most efficient armour for a range of applications.

The one-day course will be of particular interest to trainers, tactical advisors, procurement and all who are concerned with personnel safety. It is designed to give the students an overview of manufacturing processes, design trends and the ability of new materials to withstand the latest threats.

The following subjects will be covered:

- 1. Defining ballistic and stab/spike resistance**
- 2. Standards (what they are and how they work)**
- 3. Explain how standards reflect risk assessments**
- 4. Handgun and rifle armour characteristics**
- 5. Kinetic energy and ammunition differences**
- 6. Fragment threats**
- 7. Introduction to materials and how they work**
- 8. Difference between Aramids Polyethylene and Fibres**
- 9. Ceramic types, benefits and how they work**
- 10. Armour lab testing, guns used, loading, measuring, materials**
- 11. Armour design**
- 12. Protection types**
- 13. Operational (tactical) use**
- 14. Benefits and limitations**

Notes:

- 1. This is a CPD-related course. This course can contribute to your Continuing Professional Development (CPD) and will be evidenced through a multiple-choice summative assessment and the award of a Course Completion Certificate.**
- 2. There will be time set aside during the day to answer questions.**
- 3. The course duration will be 0900 – 1630 hours.**
- 4. Refreshments and lunch will be provided.**
- 5. Assistance with hotel bookings will be available from our staff.**