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INSTITUT GÉNÉTIQUE NANTES ATLANTIQUE

The Bloodstain Pattern Analysis is the study of shape, size, distribution, number of stains and their interactions with the environment to determine the events that are at the origin.

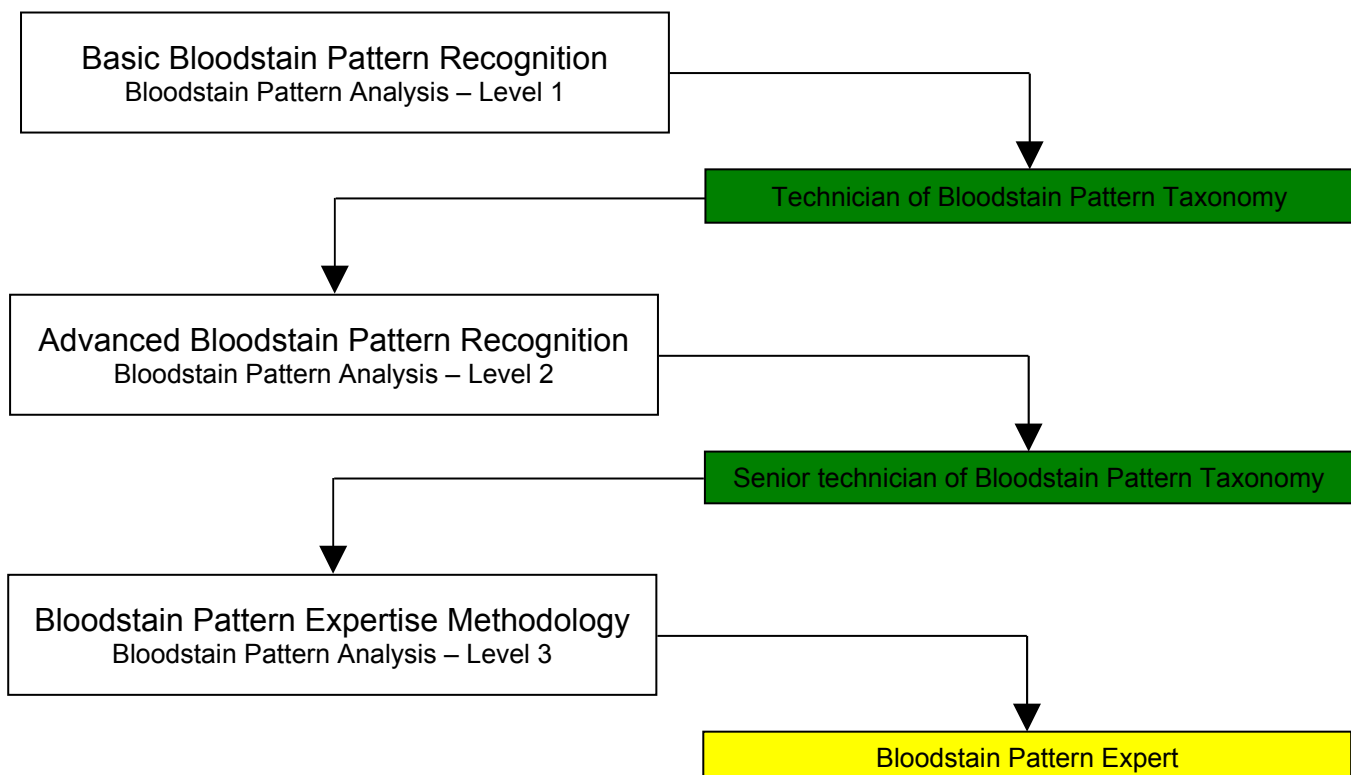
**Level 1 training (technician of taxonomy Bloodstain Patterns)** allows recognition of all the bloodstain patterns found.

**Level 2 training (senior technician of taxonomy Bloodstain Patterns)** completes the basic Bloodstain Pattern Recognition level in complex situations (porous support, interaction model traces) and teaches the dedicated software to locate the source of blood spatters.

This training is intended for technicians' taxonomy traces of blood.

**Level 3 training (Bloodstain Pattern Expert)** leads to the analysis of data from the taxonomy, then to determine the facts that occurred and lead to a scenario made more likely. It does not neglect the formulation of this interpretation (report writing) and their defence in a court of justice.

This training is intended for senior technicians in taxonomy traces of blood.



Trainings may take place in France or better in the laboratory and country of the trainees.

Dates are chosen case by case after discussion with the trainee.

Prices vary depending on the number of trainees and the site if training. Estimation will be made after each application.



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## **BASIC BLOODSTAIN PATTERN RECOGNITION BLOODSTAIN PATTERN ANALYSIS – L1**

### **PURPOSE**

This training is open to crime scene investigators, forensic doctors and all individuals involved investigation or analysis in the crime scene.

This course leads to the identification of pattern of blood through the lectures on the fundamentals of bloodstains and work practices.

**This course is not intended trained Bloodstain Pattern experts, two more courses are needed to reach this function.**

### **PRE - REQUISITES**

**Experience in forensic if possible.**

### **COURSE LENGTH**

This training is spread over forty hours

### **COURSE OBJECTIVES**

At the end of the course the student will:

- Highlighting the various elements essential to the identification of the trace (measures absolute or relative, making inquiries ...).
- Photographing the bloodstains studied together with the essential tools for its study.
- Know and be able to explain the terminology specific to the activity.
- Correctly identify the main patterns of bloodstains and indicate their significance.
- Demonstrate your understanding of health problems and safety issues associated with Bloodstain Pattern Recognition.
  - Awareness of the existence of pathogens and other health risks linked to blood.
  - Awareness of equipment and safety procedures.
- Show your general knowledge about the biology of blood.
- Describe the physical properties of blood-related discipline.
- Show your knowledge of the history of this discipline.

### **COURSE CONTENT**

Theoretical and practical courses

### **ASSESSMENT STANDARDS**

A competency test will be conducted approximately two weeks after the course. It consists of a theoretical and a practical part (of shots). 80% correct answers are required and some issues are play-offs.

### **CERTIFICATIONS**

A technical degree in Basic Taxonomy of Bloodstain Patterns will be awarded to the trainee who will also have the opportunity to become a member of the International Association of of Bloodstain Pattern Analysts (IABPA).

### **DRESS**

The practical work with the handling of blood and / or contaminated sites requires clothing suitable.



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## **ADVANCED BLOODSTAIN PATTERN RECOGNITION BLOODSTAIN PATTERN ANALYSIS – L2**

### **PURPOSE**

This training is for people who attended the Level 1 training.

This course leads to the identification of blood pattern on hard surfaces like clothing..., the study of pattern interactions and the location of projected sources of blood through lectures with mathematical & physics principles and work practices including apprenticeship of dedicated software.

**This course is not intended trained Bloodstain Pattern experts a final training is necessary to achieve this function.**

### **PRE - REQUISITES**

Having trained Level 1 – Bloodstain Pattern Recognition

Experience of recognition of bloodstain pattern

### **COURSE LENGTH**

This training is spread over forty hours

### **COURSE OBJECTIVES**

At the end of the course the student will be able to conduct:

- Analysis of complex trace
- Analysis of traces on hard target surfaces like clothing
- Full analysis of impact pattern

### **COURSE CONTENT**

Theoretical and practical courses

### **ASSESSMENT STANDARDS**

A competency test will be conducted approximately two weeks after the course. It consists of a theoretical and a practical part (of pictures).

70% correct answers are required and some issues are play-offs.

### **CERTIFICATIONS**

A technical degree in Advanced Taxonomy Bloodstain Pattern will be awarded to the trainee.

### **DRESS**

The practical work with the handling of blood and / or contaminated sites requires clothing suitable.



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## **BLOODSTAIN PATTERN EXPERTISE METHODOLOGY BLOODSTAIN PATTERN ANALYSIS – L3**

### **PURPOSE**

This training is for people who attended the Level 2 training.

This course leads to the interpretation of bloodstains found on a crime scene, writing the results (report) and presentation of these results in court.

These objectives are achieved through the lectures and practical work including the management of a scene, writing a report and defending it in front of a mock Justice Court.

**This course trains future experts of Bloodstain Pattern Analysis.**

### **PRE - REQUISITES**

Students must have completed levels 1 & 2 (Basic and Advanced Recognition Bloodstain Patterns) of Bloodstain Pattern Analysis trainings

**Blood-letting crime scene experience**

**Basic and complex taxonomy of bloodstain experience**

### **COURSE LENGTH**

This training is spread over forty hours

### **COURSE OBJECTIVES**

Upon completion of the course the student will be able to conduct:

- Organization analysis of sealed and / or crime scene
- Report writing suitable
- Presentation of its results in front of Criminal Courts

### **COURSE CONTENT**

Theoretical and practical courses

### **ASSESSMENT STANDARDS**

The proficiency test will begin after the 3<sup>rd</sup> day with the analysis of the stage to end the 8<sup>th</sup> with the oral report prepared after studying a crime scene.

The report writing is an essential point that must be completed on the evening of the 6<sup>th</sup> day.

The courtroom testimony will be the final exam. It is made if possible with real judges aware of the criminal code and in student's language .

### **CERTIFICATIONS**

A degree qualification of Bloodstain Pattern expertise will be awarded to the trainee.

### **DRESS**

This program is a combination of classroom and practical exercises; please bring clothing suitable for practical exercises and also for the courtroom testimony.



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