Training name : *Bloodstain pattern Analysis L1 -*
Basic Bloodstain pattern Recognition

Goals :

The Bloodstain Pattern Analysis is the objective 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 (Bloodstain Patterns technician) allows recognition of all the bloodstain patterns found on different supports (targets).

At the end of the Level 1 BPA training the student will able to :
➢ Highlights the various elements essential to the identification of the trace (measures absolute or relative, making inquiries ...).
➢ Photographs the bloodstains studied together with the essential tools for its study.
➢ Knows and be able to explain the terminology specific to the activity.
➢ Correctly identifies the main patterns of bloodstains and indicate their significance.
➢ Demonstrates 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.
➢ Shows the general knowledge about the biology of blood.
➢ Describes the physical properties of blood-related discipline.
➢ Shows the knowledge of the history of this discipline.

This training leds to the functions of Bloodstain Patterns Technician. He collects information and identifies bloodstains visibles or latents on simples surfaces.

This training can be an end in itself but is also the first of the three steps in the training process leading to the functions of Bloodstain Pattern Analyst - Expert.
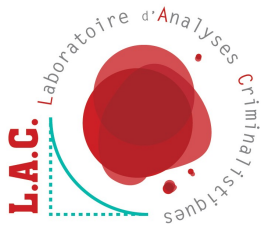
Course lenght
: 40 hours (4 days of training and half-day exam 15 days after the course)

Pre-requisites
: **Experience in forensic investigation if possible**

Trainer
: Philippe ESPERANÇA

Course Support
: CD of training documentation

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

Schedule :

	Day 1	Day 2	Day 3	Day 4
09h00	Introduction	Debrief	Debrief	Debrief
09h30	History	Terminology	Blood	Identification
10h00	Quality & SOP's			
10h30				
11h00	Bloddstain patterns	Bloddstain patterns	Bloddstain patterns	Latent Detection
12h30				
13h00	Lunch			
14h00	Practicals			Collect of case informations
	Pr 1	Pr 5	Pr 4	
	Pr 2	Pr 6	Pr 9	Debrief
18h00	Pr 3	Pr 7	Pr 10	
	Pr 8			

Practicals :

1 Drop Height effect on the diameter & shape of the stain resulting ?
2 Nature target effect on the diameter & shape of the stain resulting ?
3 Nature source effect on the diameter & shape of the stain resulting ?
4 Determination of direction of travel throught the strain shape ?
5 Impact angle effect on the shape of drop stain resulting ?
6 Energy effect on stains resulting ?
7 Effect of Bloody tools motion on the shape of stains resulting ?
8 Drop volume effect on the stains resulting ?
9 Projected volume effect on the stains resulting ?
10 Identification of Transfering mecanisms ?

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

Certification : 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).