



Forensic Macrophotography

Course Outline

Day 1	<ul style="list-style-type: none">• Welcome and Orientation• Case Study Review• Introduction to Fingerprint Collection
Day 2	<ul style="list-style-type: none">• Basic Photography<ul style="list-style-type: none">○ Introduce<ul style="list-style-type: none">▪ Aperture▪ Shutter Speed▪ ISO○ Understand and manipulate the light meter/auto focus in Automatic Mode○ Camera Modes<ul style="list-style-type: none">▪ Application▪ Effect on Camera Controls• Advanced Photography<ul style="list-style-type: none">▪ Low Light Photography▪ Painting with Light
Day 3	<ul style="list-style-type: none">• Fingerprint Classification Review<ul style="list-style-type: none">○ Brief History○ Patterns○ Major/minor Minutiae• Macro Photography<ul style="list-style-type: none">○ Lecture○ Lifting Latent Impressions Practical Exercise
Day 4	<ul style="list-style-type: none">• Lifting Latent Impressions Practical<ul style="list-style-type: none">○ Outdoors<ul style="list-style-type: none">▪ Vehicle Practical○ Indoors<ul style="list-style-type: none">▪ Windows▪ Sheet Rock▪ Wood▪ Paper▪ Non-Porous
Day 5	<ul style="list-style-type: none">• Documentation Process<ul style="list-style-type: none">○ Case Placard○ Protocols○ Field Sheet○ Chain of Custody Documents

	<ul style="list-style-type: none"> ○ Evidence Log <ul style="list-style-type: none"> ▪ Practical Exercise ○ Storage of Images <ul style="list-style-type: none"> ▪ Media ▪ Drobo ○ Cross Referencing Apparatus
Day 6	<ul style="list-style-type: none"> • Standard Post-Mortem Techniques <ul style="list-style-type: none"> ○ Cadaver Spoons ○ Degloved Skin • Advanced Post-Mortem Preparation Techniques <ul style="list-style-type: none"> ○ Cleaning of Adipocere ○ Rehydration of desiccated skin <ul style="list-style-type: none"> ▪ Sodium Carbonate ▪ Hot Water ○ Iodine Staining of Degloved Skin
Day 7	<ul style="list-style-type: none"> • Post Mortem Macro Photography Techniques <ul style="list-style-type: none"> ○ Capture of prophylactic images <ul style="list-style-type: none"> ▪ Ensure some image is preserved before: <ul style="list-style-type: none"> ▪ Chemical cleanig ▪ Rehydration ▪ Light process <ul style="list-style-type: none"> ▪ Ambient <ul style="list-style-type: none"> ▪ Normal ▪ Low ▪ Oblique ▪ Considerations for decomposition color changes ▪ Maintaining proper labelling of digits ▪ Positive accountability of digits
Day 8	<ul style="list-style-type: none"> • Post-Mortem Macro Photography Practical • Complete Case Exercise
Day 9	<ul style="list-style-type: none"> • Complete Case Exercise • Group Case Review
Day 10	<ul style="list-style-type: none"> • Photographic Review of Actual Cases <ul style="list-style-type: none"> ○ Students will identify: <ul style="list-style-type: none"> ▪ Viability ▪ Appropriate Process ▪ Photographic Considerations • Review • Examination • Graduation