OMNIUM FORENSICS

80 Hour Advanced Fabrics Bloodstain Pattern Analysis Training Course

Understanding basic textile properties and how they interact with blood to affect resultant bloodstain appearance on clothing





Course Instructors: **Dr Mark Reynolds**
Reynolds Forensic Consulting

Edmund (Ted) Silenieks
Omnium Forensics

Course Venue: **California Forensic Science Institute**
Hertzberg-Davis Forensic Science Center
California State University, Los Angeles
1800 Paseo Rancho Castilla
Los Angeles, CA, 90032

Course Dates: **18th to 22nd May, 2020**

Course Fee: **$USD1995**

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General Information

The 40 hour face to face will be held May 18th to 22nd, 2020 at the Hertzberg-Davis Forensic Science Center, California State University. **It is recommended that registration is completed at least 4 weeks prior to allow time to complete pre-course preparatory work.** Late registrations will be accepted subject to availability. In the event of low registration numbers, this course may be postponed or cancelled.

The course will be conducted Monday through Friday, 8:30 a.m. – 4:30 p.m. (Note: assessments will be conducted on Friday and the 4:30pm finish time is not flexible on that day, so please make travel arrangements accordingly).

Each participant is responsible for making his or her own hotel reservation. It is recommended to use the hotel listed below.

The class size is limited to a maximum of 12 participants. Register early to ensure your seat!

Course Information

Participants will undertake 40 hours of structured lectures and practicals designed specifically to increase knowledge on textile properties and how they can influence bloodstain appearance and the bloodstain pattern analysis on clothing. The course will review the underpinning principles of BPA and how accepted principles for stain interpretation on static non-porous surfaces don't apply to the interpretation of bloodstains on clothing and other textiles. When examining clothing, the practitioner must be mindful of influences such as the textile construction, absorbency and fibre type, all of which may affect the final appearance of bloodstains.

Course Content

Prior to attending the 40 hour residential, participants will be expected to complete at least 20 hours of preparatory work including selected readings and a short 1500 word written assignment.

The 40 hour residential has a practical hands-on emphasis. The primary focus of the course is to develop those skills required for the interpretation of bloodstain patterns found on clothing items, including the use of microscopy to discriminate between spatter and transfer bloodstains. The practical component of the course will be supplemented with lectures and class discussions which will introduce the participants to basic textile properties, blood interaction with textiles, fluid dynamics of blood and three dimensional examination and reconstruction techniques aimed at developing greater interpretative pattern recognition skills. Participants will work in small groups to complete a set of experiments, review and analyse experimental data and apply this knowledge to examination of mock casework clothing items. Participants will be encouraged to draw connections between the dynamics of pattern formation and the features of the resultant static bloodstain pattern on clothing.

Following the 40 hour "face to face" residential, participants will be required to complete a report summarising their findings related to the examination of blood stained clothing during practical exercises at the residential. The report must be submitted within eight weeks of completing the residential.

Course Assessment

Participants will be required to complete the following assessments:

1. **Written Assignment (competency based, i.e. pass / fail);**
2. **Written Exam (75% pass mark);**
3. **Practical Assignment (competency based, i.e. pass / fail).**

Upon successful completion of the course assessment, course certificates will be issued to the participants.

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Meals and Accommodation

The cost of accommodation, meals and incidentals will be the responsibility of the participant. Restaurants are located within a short walk of the recommended hotel for the course.

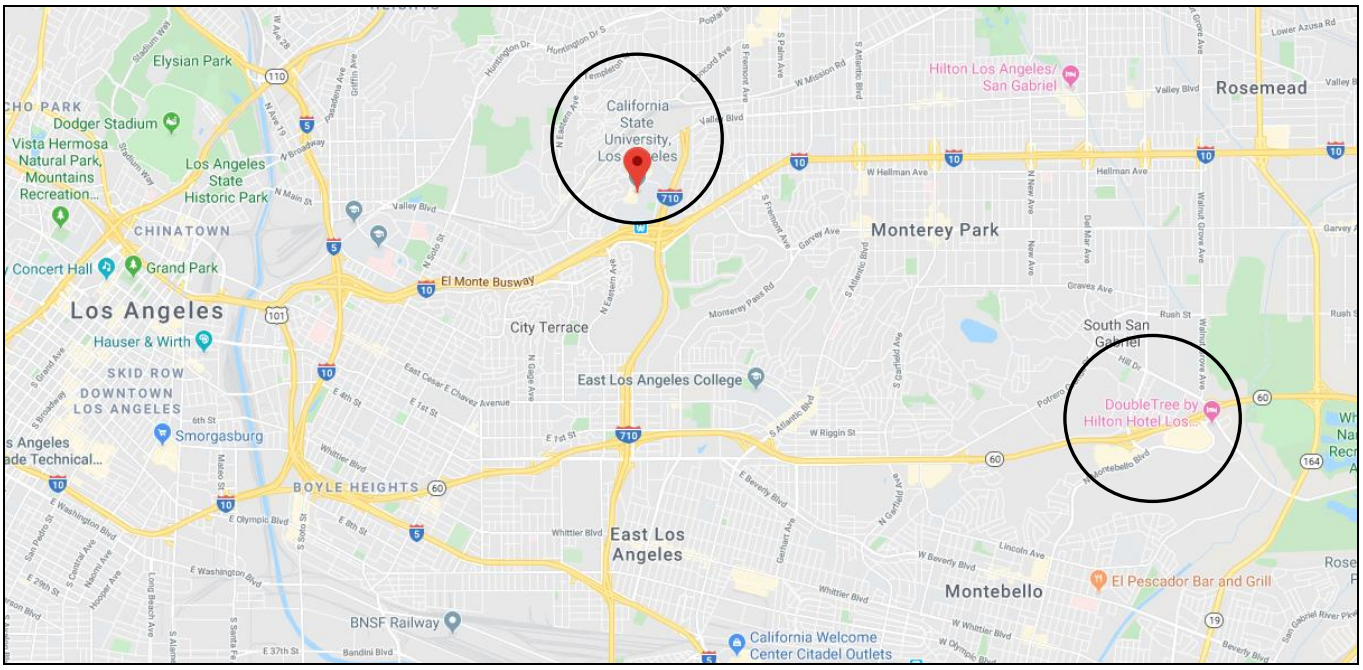
The hotel recommended for the course is the **DoubleTree by Hilton, Los Angeles - Rosemead**. The hotel has offered our group a special discounted **State Government Rate** of only **$120.00** for a Standard King or Double Bed Room and has offered our group a special optional Hot American Style Breakfast Buffet (with omelette station made-to-order eggs) priced at only $12 per person, inclusive of tax and gratuity. This promotion rate is valid till the end of March. It is highly recommend you book before March to lock in this rate before it goes higher.

DoubleTree by Hilton, Los Angeles - Rosemead
888 Montebello Blvd.
Rosemead, CA 91770
Tel: +1 323-722-8800
Contact: Cristina LIN
Email: cristina.lin@hilton.com

For those wishing to book via a website link, please use the following web page address (this website link will be active till May 8th):
https://doubletree.hilton.com/en/dt/groups/personalized/L/LAXRMDT-OMN-20200515/index.jhtml?WT.mc_id=POG

Group Name: Omnium Forensics
Group Code: OMN
Check-in: 15-MAY-2020
Check-out: 23-MAY-2020

For phone call reservations, please use the Group Code: OMN0515.



A complimentary Shuttle Service within 5 miles range is available by appointment. Carpooling and transportation can usually be arranged for participants staying in the same hotel.

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Course Fee

$1995.00 USD/person (NOTE: lodging and meals are extra)

Registration and Course Contacts

For enquiries about registration or the university facilities, please contact:

Katherine Roberts: Krobert2@exchange.calstatela.edu
Tel: +1 323 343 4625

For more information regarding the course content, please contact the course instructors directly.

Ted Silenieks: ted.silenieks@omniumforensics.com

Mark Reynolds: renoforensics1@gmail.com

Course Instructors:

- **Dr Mark REYNOLDS APM**
  Reynolds Forensic Consulting.

  With more than 28 years of law enforcement experience, Mark Reynolds was both a former sworn officer with the Western Australia Police and civilian in an unsworn capacity for that agency as a Forensic Science Consultant and Manager, Quality Assurance. Mark now is a private forensic consultant and has, as the principal analyst or peer reviewing officer, been involved in more than 150 cases that have required the examination, interpretation and reporting of bloodstains or bloodstain patterns. Mark has undertaken training, delivered training or provided casework support in the USA, Canada, Brunei, the Netherlands, South Africa, South Korea, Italy, New Zealand, Singapore and all states of Australia. He was the inaugural Vice President for the Oceanic – Asean Region of the IABPA and a former subcommittee chair of the Scientific Working Group on Bloodstain Pattern Analysis (SWGSTAIN). Mark is recognised as a world leader in the analysis of bloodstains on clothing, and has conducted and supervised research leading to an understanding of the nuances of interpreting bloodstain patterns on clothing. Mark also delivers training courses on crime scene reconstruction and contextual bias.

  Edmund (Ted) SILENIEKS
  Omnium Forensics.

  Ted Silenieks had close to 35 years of experience working at the Forensic Science SA in Adelaide, South Australia, where he served as the Biology Evidence Recovery Coordinator. He is widely regarded as one of Australia's leading evidence recovery experts. Ted has coordinated and supervised many research and development projects, resulting in over forty principal or co-authored presentations at national and international Forensic Symposiums. He became actively involved in BPA in 2004, is a former member of the Australian Bloodstain Pattern Analysis Scientific Working Group, is a past Vice President for the Oceanic – Asean Region of the IABPA and a current affiliate member of the OSAC BPA Subcommittee. In conjunction with Mark Reynolds, Ted developed the 80 Hour Advanced Fabrics BPA training course, which has been successfully delivered in Australia, the Netherlands, Italy, South Africa, USA, Canada and Singapore. This course is regarded by a number of international law enforcement agencies as essential training for those examining and interpreting bloodstains on clothing.

