

Vendor# 15142

GL# 01104530

**LUBBOCK COUNTY
TRAVEL AUTHORIZATION & ADVANCE REQUEST**

THE DEPARTMENT DIRECTOR IS RESPONSIBLE FOR SECURING ALL SIGNATURES PRIOR TO TRAVEL. AN APPROVED TRAVEL AUTHORIZATION MUST BE SUBMITTED TO THE AUDITOR'S OFFICE ACCORDING TO THE ACCOUNTS PAYABLE PAYMENT SCHEDULE TO RECEIVE A TRAVEL ADVANCE. RELATED BROCHURES OR OTHER SUPPORTING DATA MUST BE ATTACHED.

NAME: McLaughlin Kyle DATE: 03/02/2022
Last First

DESTINATION: Erie Pennsylvania

PURPOSE: To Attend A Forensic Scenes and Evidence Course-3D Scanning Methods

DATE(S): 06/12/2022 to 06/18/2022

Travel advance requested and required by the 23 day of May, 2022

<u> </u>	Registration Fee	=	\$ <u> </u>	0.00
<u> 7 </u>	# of Breakfasts @ \$10.00	per meal =	\$ <u> </u>	70.00
<u> 7 </u>	# of Lunches @ \$15.00	per meal =	\$ <u> </u>	105.00
<u> 6 </u>	# of Dinners @ \$21.00	per meal =	\$ <u> </u>	126.00
<u> </u>	# of Days lodging @ \$ <u> </u>	per night =	\$ <u> </u>	0.00
	Total Advance	=	\$ <u> </u>	301.00

Fund #: 550300 Line Item: Travel and Training

I hereby request authorization to travel outside Lubbock County on official business as detailed above. I have read the Lubbock County Travel Policy and will follow that policy for travel and in making requests for advancement and reimbursement of expenses. I understand that I must submit a travel report within ten days of returning from this travel or the full advance will be deducted from my next paycheck.

* *Kyle McLaughlin*
EMPLOYEE SIGNATURE

* 3/3/22
DATE

I hereby certify the above requested travel for official Lubbock County business is directly related to this department's operations. There are sufficient unexpended funds in the current budget line item to cover all reimbursable expenses incurred. Related brochures or other supporting data are attached and 0 meals are included in the registration fee being requested and will not be reimbursed. Please issue travel expense advance if requested.

[Signature]
DEPARTMENT DIRECTOR

3/3/22
DATE

APPROVAL FROM TWO (2) MEMBERS OF THE COMMISSIONERS' COURT:

SIGNATURE

DATE

SIGNATURE

DATE

NOTE: TRAVEL IS NOT APPROVED WITHOUT ALL SIGNATURES. TRAVEL MAY NOT BE REIMBURSED WITHOUT PROPER AUTHORIZATION AND SUPPORTING DOCUMENTATION.



Core Principles: 3D Scanning Methods for Forensic Scenes and Evidence

Primary Course Instructors: [Dennis Dirkmaat](#), Ph.D., D-ABFA; [Michael J Hochrein](#), Special Agent FBI, Ret.; and Todd Jester, Precision Laser and Instrument, Inc.

This 5-day course will introduce students to the new world of 3D scanning in the documentation of forensic scenes (both indoor and outdoor), and forensic evidence (including human skeletal remains).

June 13-17, 2022
\$699

Three (3) days of the course will be devoted to the presentation of standard and high-end documentation and mapping protocols applicable to the outdoor and indoor crime scene, from surface-scatter remains on the surface, to buried bodies, fatal fires and even the mass disaster scenes. The employment of electronic total stations, 3D scene scanners, drones, and even hand-held 3D scanners will be discussed in detail. Standard practices and protocols will be presented along with useful tips and guidance on how to process the scans in the laboratory. Lots of hands-on opportunities will be provided



Two mock forensic scenes will be created (indoor and outdoor) and processed using the latest mapping techniques and technology to document and map the scenes employing state-of-the-art technology (total stations, drones, 3D scene scanners). Focus will be on how to incorporate 3D scanner technology into the documentation of the outdoor scene and indoor scene. Survey-grade GPS units (Trimble --), electronic total stations (Trimble --), and hand-held 3D scanners (Artec Leo) will be demonstrated.



The last 2 days of the course will detail the 3D scanning of evidence and artifacts in the laboratory with the Artec Space Spider, focusing on the documentation of human skeletal remains. Guidance in the processing of the remains will also be provided by experts in the field of 3D Scanning.

This course is appropriate for law enforcement and medicolegal professionals who are documenting crime scenes, as well as students in the forensic sciences, bioanthropological sciences, and many others.



Course Location: Mercyhurst University, Erie, PA



Course Participants: Individuals over 18yrs of age. **Limited to 20 participants.**

1. College and University students (undergraduate and graduate);
2. College professors and instructors (teaching classes in Forensic Anthropology, Biological Anthropology, Forensic Science, Criminalistics, Medicolegal Death Investigation, and Criminal Law); and
3. Professionals in law enforcement, criminal investigation, medicolegal death investigation, and the legal profession (prosecutors, defense attorneys).

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