

State of Michigan
MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS
Michigan Justice Training Competitive Grant Program
2021 GRANT APPLICATION

SECTION 1 - IDENTIFICATION

APPLICANT AGENCY Michigan State Police		SIGMA ID/ADDRESS CODE SIGMA Unit 4600
STREET ADDRESS/CITY/ZIP 7320 North Canal Road, Lansing, MI 48913		
TRAINING CONSORTIUM (if applicable) Statewide Provider		
PROJECT TITLE (Limit 45 characters) Forensic Science Training		
START DATE January 1, 2021	END DATE December 31, 2021	GRANT FUNDS REQUESTED \$508,812.50

AUTHORIZED OFFICIAL (PERSON AUTHORIZED TO ENTER INTO AGREEMENTS)

As the Authorized Official, I have read and agree to all conditions set forth in the 2021 Grant Manual.

NAME AND TITLE Jeffrey Nye, Director, Forensic Science Division		
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SIGNATURE	DATE 5/22/20	

PROJECT ADMINISTRATOR (PERSON RESPONSIBLE FOR IMPLEMENTING AND REPORTING THE TRAINING)

As the Project Administrator, I have read and agree to all conditions set forth in the 2021 Grant Manual.

NAME AND TITLE Nicole Marsh, Grant Manager		
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SIGNATURE <i>Nicole B. Marsh</i>	DATE 5/22/20	

FINANCIAL OFFICER (PERSON RESPONSIBLE FOR GRANT ACCOUNTING)

As the Fiscal Officer, I have read and agree to all conditions set forth in the 2021 Grant Manual.

NAME AND TITLE David Morris, Fiscal Manager		
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SIGNATURE	DATE 5/22/20	

By authority of P.A. 302 of 1982, as amended
Submission of this application is required to participate in this program.

Applications must be submitted to MCOLES via email to thelend15@michigan.gov no later than May 22, 2020.

SECTION 2 - PROJECT NARRATIVE

A. PROBLEM IDENTIFICATION

Describe the problem or issue the training is expected to address. Connect the proposed training to the documented need. Explain why this proposal should be grant funded.

Refer to Page 18 of the Grant Manual

The Michigan State Police (MSP) Forensic Science Division (FSD) is accredited by the ANSI National Accreditation Board (ANAB). The ANAB accreditation process allows a laboratory to demonstrate that its management, personnel, operational and technical procedures, equipment and physical facilities meet established standards. A key component in maintaining laboratory accreditation is a requirement to ensure the competency of laboratory personnel through a continuous training program. Continuing education is critical to the field of forensic science, not only as a safeguard for preventing analytical error, but to ensure that forensic laboratory systems are equipped with the knowledge and capability to utilize the latest technology when providing service to federal, state, and local law enforcement agencies.

As the field of forensic science continues to expand, so does the demand for laboratory services statewide. The Forensic Science Division's staffing levels have increased in recent years in attempt to meet this demand, and with this increase, the Division's training needs have grown as well. The training programs requested in this proposal will be provided to more than 200 civilian and enlisted laboratory personnel (forensic analysts and examiners, laboratory technicians, and Division administrators), at each of the state's seven laboratories. Specific personnel will be designated to attend the identified training programs throughout the calendar year, as determined by scheduling, proficiency, and operational needs.

As a statewide service provider, the FSD will impact a significant portion of the state's criminal justice, legal, and civilian communities with the funding received from this training grant. The FSD is the only crime laboratory system in the state of Michigan that provides a complete range of forensic services to federal, state, and local law enforcement agencies; a majority of the Division's annual caseload is completed for law enforcement agencies other than the MSP. In addition to providing analytical services, the FSD serves as a training resource for outside agencies.

The programs identified in the following request for 2021 funding address the Division's specialized training needs through technical seminars, workshops, symposia, practical exercises, formalized coursework, and professional trainings. Although a concentrated effort is made to bring programs into Michigan where feasible, the FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Available departmental funding is used to provide mandated law enforcement training and is not sufficient to address the specialized needs of the forensic laboratory system. As a result, FSD must actively seek grant funding to provide the financial resources necessary to meet its continuing education requirements.

SECTION 2 - PROJECT NARRATIVE

B. TRAINING OBJECTIVES

Describe the subject matter for each course/topic. Provide global objectives in terms of outcomes, stating what the trainees are expected to know and do as a result of this training.

Refer to Page 18 of the Grant Manual

The FSD requests 2021 funding for the training programs identified below. Past experience with many of these courses, seminars, and workshops has demonstrated their value in expanding our examiners' and analysts' fundamental knowledge of scientific principles, providing exposure to recent scientific developments in each of the forensic disciplines, familiarizing personnel with new instrumentation and its application to forensic matters, and providing access to new methodologies – all of which are essential to ensure the quality, timeliness, and efficiency of forensic service delivery. Knowledge gained through training is applied directly to forensic casework and laboratory operations and information obtained is shared throughout the Division via personal communication, unit meetings, and in-house training sessions.

ANSI National Accreditation Board (ANAB) Training: This course provides a detailed review of ISO/IEC 17025:2017 and the related ANAB accreditation requirements for forensic service providers (AR 3125) as well as a review of ISO 19011, Guidelines for Auditing Management Systems. Participants will be introduced to the principles of auditing, will be provided with an approach for developing, implementing and managing an audit program, will learn the audit process and several audit methods for collecting, verifying and recording objective evidence, and will discuss audit risks. Numerous hands-on audit activities, including developing and using checklists, are incorporated throughout the course to allow participants to begin to leverage their knowledge gained during the course. (27 hours)

American Society of Crime Laboratory Directors (ASCLD) Symposium: The American Society of Crime Laboratory Directors (ASCLD) is a nonprofit professional society of crime laboratory directors and forensic science managers dedicated to promoting excellence in forensic science through leadership and innovation. This national symposium addresses issues that are critical to the forensic science community and the management of forensic laboratories. Targeted areas include: technology and scientific advances - improving current practices and addressing the need for standards in forensic science; personnel and training - mandating guidelines and establishing standards for education, training, accreditation, certification, and use of common language; best practices and efficiencies - identifying means of improvement (benchmarking, process improvements, etc.); and financial resources - appropriating sustainable and flexible funding sources at the national, state, and local level. Participation in this symposium provides FSD laboratory managers, who are ASCLD members, with a voice and a vote in steering the direction of forensic science nationwide. (40 hours)

Midwestern Association of Forensic Scientists (MAFS) Training: The MAFS Training includes the presentation of formal scientific papers, workshops, and round-table discussions focused on issues common to forensic laboratories in the Midwestern region of the United States. Attendees will be informed of developing trends in their forensic field and learn new analytical techniques which will assist in daily casework and improve the efficiency and quality of forensic service delivery. Forensic Science Division personnel historically present papers at this training each year and often assist with workshop instruction. (40 hours)

Digital Imaging: Digital processing for footwear and tire impression examiners, including hands-on instruction of image processing techniques, scaling images for examination, various techniques that can be used to digitally enhance footwear impressions that have been scanned or photographed and methods of producing charts for producing results in court. (40 hours)

Society of Forensic Toxicologists (SOFT) Training: This training serves as a major source of current information and continuing education in the area of forensic toxicology. Training content provides basic analytical information and training for new scientists, dissemination of information on emerging drugs for senior practitioners, and has a direct impact on expert witness credibility. Through participation in this training, toxicologists will increase their knowledge of current and new drugs of interest in the national forensic toxicology arena, become familiar with the development of new analytical techniques, and be aware of current legal and regulatory issues in the field. (40 hours)

Palm Print Comparison Techniques: This course is designed to introduce fingerprint examiners to commonalities evident in the friction ridge skin contained on the palms of the hands to develop efficient examination using orientation clues. Upon completion of the training the examiner will be able to comprehend terminology and verbiage regarding latent palm print analysis commonly used in the print community, develop a more efficient and proficient methodology of palm

print analysis, comparison, and evaluation and understand proper latent palm print orientation and minute plotting for more productive database searching. (24 hours)

Association of Firearms/Toolmarks Examiners (AFTE) Training: AFTE presents an annual training program that has been routinely attended and well received by FSD personnel in the Firearms and Toolmarks discipline. AFTE Training provides attendees the opportunity to learn about new research projects, validation study results, courtroom testimony, ASCLD/LAB updates, SWGGUN news, new ammunition development, microscopy techniques, shooting reconstruction advancement, and general dissemination of educational material relating to firearms. Professional papers are presented for instructional purposes and new equipment is available for evaluation by the participants. Participation in this program assists the Division's Firearms unit in improving analytical protocols and better prepares examiners for expert witness testimony. (48 hours)

Shooting Incident Reconstruction: The Shooting Incident Reconstruction course utilizes a combination of classroom based and practical exercises involving shooting incident reconstruction to include: terminology, internal/external/terminal ballistics, ID/detecting/measuring bullet marks, projectile behavior in a variety of substrates, motor vehicles as target surface, flight path reconstruction/description/documentation, report writing, courtroom testimony. At the completion of this course, students will be able to properly recognize, document and collect firearms evidence for trajectory documentation (at crime scenes and in vehicles), understand how to utilize evidence and documentation from the crime scene to prepare a trajectory analysis report and better testify in court to trajectory analysis and shooting incident reconstruction. (40 hours)

DEA Forensic Chemist Seminar: This seminar provides a comprehensive learning experience on topics related to the analysis of controlled substance, quality assurance, clandestine laboratories, expert testimony, and instrumental techniques by combining interactive classroom instruction, participation in hands-on demonstrations and a forum for attendees to exchange information. At the completion of the training the participant will be able to demonstrate increased knowledge in current drug trends including cocaine processing, opium-to-heroin processing, methamphetamine syntheses and apply techniques such as trouble shooting and performing maintenance on various types of instrumentation. (40 hours)

American Society of Questioned Document Examiners (ASQDE) Training: The purpose of the American Society of Questioned Document Examiners is to foster education, sponsor scientific research, establish standards, exchange experience, and provide instruction in the field of questioned document examination, and to promote justice in matters that involve questions about documents. While the agenda has not been announced for 2021, training content is likely to include workshops, research presentations, and vendor presentation on the latest products and technologies being offered in forensic document examination. At the completion of this training, participants will be able to conduct casework with more detailed and up-to-date information and be familiar with the latest research being conducted in forensic document examination. (40 hours)

Association of Forensic Quality Assurance Managers (AFQAM) Training Conference: This is an annual training session and conference of the Association of Forensic Quality Assurance Managers designed to develop and share strategies for maintaining and improving quality assurance standards in forensic science laboratories. At the completion of this training participants will be able to better anticipate and handle quality assurance issues as they relate to forensic science laboratories in the United States, recognize, understand, and investigate casework abnormalities, including employee work performance issues, cognitive bias, and unethical behaviors and relate to and stay in contact with other quality assurance professionals in government laboratories who face challenges similar to MSP FSD. (28 hours)

Expert Witness: This course is a basic training requirement for all FSD scientists. The weeklong format provides instruction on the basics of preparing for courtroom testimony using lecture and mock trials. The final event of this course is a mock trial, typically held in a nearby courtroom. Experienced personnel play to roles of prosecutor, defense attorney, and judge while the forensic scientist explains and defends work performed in their discipline. Additionally, upon completion of this course participants will understand the importance of their testimony in criminal cases and how competence in this area is critical to overall performance as a forensic scientist; develop strategies to enhance their ability to prepare to testify as an expert witness. (36 hours)

American Academy of Forensic Science (AAFS) Training: AAFS is recognized as a premier professional organization in the forensic science community. The AAFS training is composed of scientific sessions and workshops presented by numerous national and international forensic experts. The multi-disciplinary training format includes more than 500 seminars, workshops, and presentations from the world's most accomplished forensic professionals. Topics are focused on emerging trends, cutting edge research, quality assurance, application of analytical techniques and methodologies, and legal matters pertinent to the forensic community. Critical information obtained from this training is applied to casework, directly impacting the solvability of criminal acts in the state of Michigan. Attendees are expected to participate

in workshops and scientific sessions to improve specific laboratory skills, increase current knowledge of respective disciplines, and learn the latest techniques for application to laboratory practices. (48 hours)

Analysis of Distortion in Latent Prints: This course includes both lecture and practical exercises focusing on the Analysis phase of comparison methodology. Instruction includes setting tolerances for variation in appearance and utility of a print during analysis for use in the comparison phase. At the completion of the training the participant will be able to recognize Biological and residue distortion in a latent print in order to correctly compare the features in the print, determine when surface distortion impacts the appearance of the edges and pores in the ridge structure and analyze and predict changes in appearance due to contact distortion to accurately conduct comparisons. (16 hours)

Fiber Analysis: The student will learn highly specialized methods that can be successfully applied to virtually all types of fibers: vegetable, fur, mineral, and man-made. Topics that will be discussed include analysis techniques, instrumental analysis and manufacturing updates. At the completion of the training the participant will be informed of current developing trends in instrumental analysis, microscopy and analysis of Fiber Evidence, learn/enhance techniques which will improve the quality and efficiency in the delivery of Forensic Science service and learn new/improved analytical techniques which will assist in daily casework. (40 hours)

Crime Scene Reconstruction I: The course is intended to develop a fundamental knowledge of appropriate hypothesis development and testing procedures and provide an objective form of defining the events associated with a complex crime (event analysis). At the conclusion of this training, attendees will be able to identify the steps of the scientific method and the seven steps of the methodology used in crime scene analysis, demonstrate the ability to objectively flow chart an incident, distinguishing relative chronology from absolute chronology and demonstrate an ability to evaluate a complex crime scene. (40 hours)

Clandestine Laboratory Investigating Chemists (CLIC) Training: This training offers highly specialized training programs on topics related to clandestine laboratory investigations, chemistry, analytical techniques and safety programs. The objective of this training is to disseminate information within the field of clandestine laboratory investigation and evidence examination. This will allow Controlled Substances Scientists the opportunity to discuss problems and issues of common interests of other drug analysts and to form a peer group nationwide, obtain resource information on clandestine analyses and chemistry, and stimulate research and development of new techniques. (36 hours)

Midwest Toxicology and Therapeutic Drug Monitoring (MATT) Drug Monitoring Training: The MATT Training is an important source of current information and continuing education on forensic toxicology and regional issues concerning drugs of abuse. This training is to cover topics including analytical techniques, trends in recreational and medicinal drug use, novel and therapeutic drugs, and related case analyses. Through participation in this program, analysts will be familiar with recent trends in the use and abuse of therapeutic drugs, and new developments in analytical methodology, death investigation, and sexual assault examination. (16 hours)

Federal and Winchester Ammunition Tour: This tour will allow attendees to familiarize themselves with the manufacturing processes and how they create class and individual characteristics which form the basis for firearm and tool mark identification science. At the completion of this tour, attendees will have a clear understanding of the entire manufacturing process of ammunition, have the practical knowledge of the manufacturing process and be a resource for the Firearms Unit and be able to use the information and knowledge obtained during expert qualifications in court. (24 hours)

International Association for Identification (IAI) Conference: The IAI Conference offers training and scientific presentations in the areas of latent prints, photography, bloodstain pattern analysis, footwear, and tire track identification - evidence which is frequently encountered at crime scenes and is extremely valuable in tying a suspect and/or suspect vehicle to the scene of a crime. Attendees participating in this program will be informed of current and developing trends; learn new analytical techniques for application to casework; and acquire techniques which will improve efficiency in the delivery of forensic services statewide. (48 hours)

Technician Witness: This course is a basic training requirement for all FSD technicians. The format provides instruction on the basics of preparing for courtroom testimony using lecture and mock trials. The final event of this course is a mock trial, experienced personnel play to roles of prosecutor, defense attorney, and judge while the forensic technician explains and defends work performed in their discipline. Additionally, upon completion of this course participants will understand the importance of their testimony in criminal cases and how competence in this area is critical to overall performance as a forensic technician; develop strategies to enhance their ability to prepare to testify as an expert witness. (24 hours)

Footwear Analysis: This course offers specialized topics pertaining to the examination of footwear impression evidence. Focus of the course will be on the examination process; examination problems and conclusions; report preparation, contents and wording; and advanced casework challenges. Specific topics will include updates on aspects of footwear manufacturing; shoe grading and sizing as it relates to comparison with known shoes and the determination of the size of footwear from impressions; updates on techniques and materials regarding recovery of footwear evidence. (40 hours)

Essential Ridgeology Techniques: This course offers instruction in fundamental concepts of Ridgeology which includes theory, technique, discipline standards and standards for conclusions. Both lecture and hands-on analysis of latent prints are included in the course along with discussion on legal and scientific standards. At completion of the training the participant will be able to understand and articulate the science of friction ridge skin examination to other experts as well as juries, utilize all available information in a given impression for analysis and reinforce the concept of “running the ridges” during comparison and understand objective measures of sufficiency utilized during the examination process. (40 hours)

Mass Fatality Incident Exercise: The Mass Fatality Incident Exercise is a two-day mock mass fatality incident exercise involving multiple labs' Crime Scene Response Team's (CSRT) responding and processing the scene and all CSRT Liaisons being present to observe and assist. Upon completion of this training, attendees will be able to better understand the planning and response to a mass fatality incident scene, process a mass fatality crime scene and trouble shoot all aspects of a mass fatality crime scene. (16 hours)

Spectral Interpretation Applications: This course is designed to give extensive review of the interpretation of mid-range spectra. Course covers the chemical structures of those found in controlled substances. At the completion of this course, Controlled Substance Scientists will obtain additional skill in how to interpret FTIR spectra for structural information, interpret data and present information for court testimony in the area of FTIR instrumentation. (40 hours)

Glock and Beretta Tour: Touring firearm manufacturers is essential training for examiners to become familiar with and to stay current with the manufacturing process. They will be exposed to the entire manufacturing process of hand guns and rifles. Upon completion, attendees will be able to understand and explain the differences in manufacturing processes used for Beretta and Glock firearms, apply practical knowledge to what was learned through reading assignments and be able to differentiate between certain processes and have a full understanding and ability to explain these processes. (32 hours)

Fire Debris Analysis: The Fire Debris Analysis is comprised of lessons on the subjects of basic organic chemistry, ignitable liquid production, gas chromatography, mass spectrometry, extraction of ignitable liquid residues, and laboratory analysis of ignitable liquids. Upon the completion of this training, attendees will be able to understand the theory of gas chromatography – mass spectrometry and be able to develop an analytical method for analysis, have knowledge of petroleum industry operations and how ignitable liquids are produced and understand the ASTM International methods of extraction and analysis of ignitable liquids. The culmination will be the student's ability to analyze and classify ignitable liquids. (40 hours)

Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior: The Borkenstein Drug Course covers topics related to pharmacology of drugs and their effects on psychomotor performance and driving. The course is taught by international experts who will discuss the pharmacology, toxicology and human performance effects of major drug classes associated with driving impairment. Additionally, upon completion of this course participants will have a more in-depth understanding of how drugs impact traffic safety, a better understanding of the chemistry and pharmacology of drugs and confidence in the presentation of drug information in a courtroom setting. (40 hours)

Understanding Exclusion and Sufficiency Decisions: This training provides instruction in determining the value of a latent print for exclusion as well as recommendation on how to appropriately make and document exclusion decisions. Examiners will discuss critical concepts involved in sufficiency and exclusion and appropriately explain those concepts to a jury, use current SWGFAST standards and ISO requirements when applying the concepts to casework and understand the risk of erroneous exclusions, which has been identified as a field wide problem, and apply several approaches to reduce the rate of those errors. (36 hours)

Advanced Shooting Incident Reconstruction: This course is advanced training in shooting scene reconstruction with topics including advances in ammunition, incorporation of bloodstain evidence, report writing, motor vehicle shooting scenes, presentation of findings and case studies. Upon completion, attendees will be able to more thoroughly process shooting scenes for reconstruction purposes, provide a more detailed possible scenario for shooting scenes and more accurately interpret evidence at a shooting scene. (40 hours)

Advanced Bloodstain Pattern Analysis: During the Advanced Bloodstain Pattern Analysis course students will participate in practical exercises to enhance their ability to document and interpret complex bloodstain pattern crime scenes and evidence. This will be accomplished by having the participant's process bloodstain pattern crime scenes and by examination of the clothing that was worn while the scenes were created. In addition, the participants will receive training in the presentation of the bloodstain pattern evidence and in the writing of bloodstain pattern analysis reports. (40 hours)

Advanced Fire Debris Analysis: This advanced course is comprised of lessons about basic organic chemistry, ignitable liquid production, gas chromatography, mass spectrometry, extraction of ignitable liquid residues, and laboratory analysis of ignitable liquids. Upon completion of this course, attendees will be able to understand advanced topics on the theory of gas chromatography – mass spectrometry and be able to develop an analytical method for analysis, have advanced knowledge of petroleum industry operations and how ignitable liquids are produced and have further understanding of the ASTM International methods of extraction and analysis of ignitable liquids. (40 hours)

Advanced ACE-V Applications of Fingerprint Examinations: This course takes ACE-V to the next level. In the course, we deconstruct ACE-V into the various stages and perform exercises, individually and as a group, to demonstrate the course material. We will explore significant decisions and steps during each of the phases of ACE-V: Analysis, Comparison, Evaluation, and Verification. Students taking this course will have a greater appreciation for the complexities of ACE-V and decision making, will be knowledgeable of the most current research and standards regarding ACE-V, and will be exposed to complex current issues (such as bias, error rate, probabilistic reasoning, etc.). (40 hours)

Sig Sauer and Remington Ammunition Manufacturer Tour: During this tour attendees will have the opportunity to view the manufacturing process of handgun and rifle ammunition. Upon completion of this tour, attendees will have a clear understanding of the entire manufacturing process of ammunition, have the practical knowledge of the manufacturing process and be a resource for the Firearms Unit and be able to use the information and knowledge obtained during expert qualifications in court. (10 hours)

Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework: This course offers practical exercises to enhance ability to interpret complex bloodstain patterns deposited on fabrics, textiles, and clothing. Students will also learn to evaluate bloodstain evidence from digital files by working on cases provided in a digital format. They will also be required to author a report and pass a final test. Upon completion, attendees will be able to properly examine clothing and other cloth materials for bloodstain patterns, understand how blood interacts with different fabric substrates and microscopic techniques for analysis and examine digital images and documents and author reports. (40 hours)

Advanced Footwear Analysis: This course covers advanced and specialized topics pertaining to the examination of footwear impression evidence. Focus of the course will be on the examination process; examination problems and conclusions; report preparation, contents and wording; and advanced casework challenges. Specific topics will include updates on aspects of footwear manufacturing; shoe grading and sizing as it relates to comparison with known shoes and the determination of the size of footwear from impressions; updates on techniques and materials regarding recovery of footwear evidence; SWGTREAD standards for terminology and for reporting results; court admissibility preparation; case presentations; research updates and other topics. (40 hours)

Detection of Forgery and Fabricated Latent Prints: This course offers instruction in analysis determination of forged or fabricated latent prints. Both lecture and hands-on analysis of latent prints are included in the course along with discussion on legal and scientific standards. Upon completion of this course, attendees will be able to understand and articulate recognition of red flags during analysis of latent prints, understand how to document and "prove" a latent print was fabricated or forged and have the ability to use objective measures to explain conclusions of fabrication and/or forgery to a jury. (16 hours)

Midwest Firearms Training Seminar: This training assists in the development of laboratory testing, management principles and disseminating crucial forensic based information. In addition, this meeting will bring together Laboratory Directors from the Midwest Region and provides opportunity for networking with members from other states neighboring the State of Michigan. (24 hours)

International Association of Bloodstain Pattern Analysts (IABPA) Conference: This conference provides workshops, research presentations, case studies, information on new equipment and networking for bloodstain pattern analyst from around the world. At the completion of the training the participant will be able to provide updated information on BPA to all analysts within MSP, perform bloodstain pattern analysis more effectively and efficiently and assist with standardization and procedures for bloodstain pattern analysis within MSP. (32 hours)

Advanced Fire Debris Online Course: The course is comprised of lessons on the subjects of fire dynamics, interfering products, degradation of ignitable liquids, and analysis of less common ignitable liquids. The lessons also include data analysis of ignitable liquid residues from fire debris, emerging methods of data analysis, and quality assurance/quality control procedures. Upon the completion of this course, attendees will have a general knowledge of fire dynamics and the processes that interfere with interpretation and identification of ignitable liquid residues, will know how to analyze ignitable liquid residues that are complicated by these processes and will learn about new emerging methods of data analysis. (40 hours)

Logical Latent Print Analysis: Instruction in innovative techniques that can be employed when conducting latent print examinations to assist with efficiency of case completion and compliment current smart searching techniques. Both lecture and hands-on analysis of latent prints are included in the course along with discussion on legal and scientific standards. At the completion of this course, attendees will be able to understand and articulate recognition of red flags during analysis of latent prints, understand how to document and "prove" a latent print was fabricated or forged and have the ability to use objective measures to explain conclusions of fabrication and/or forgery to a jury. (16 hours)

Tire Analysis: This course has specialized topics pertaining to the examination of tire track impression evidence. Focus of the course will be on the examination process; examination problems and conclusions; report preparation, contents and wording; and advanced casework challenges. Specific topics will include updates on aspects of tire manufacturing as it relates to comparison with known tires, updates on techniques and materials regarding recovery of tire track evidence. Upon completion of this course, attendees will be informed of current developing trends in Tire Track Evidence collection, comparisons and identifications, will learn/enhance techniques which will improve the quality and efficiency in the delivery of Forensic Science service and learn new/improved Tire Track analysis techniques which will assist in daily casework and crime scenes. (40 hours)

Comparison of Sole Impressions: This course provides training on the analysis and comparison of sole impressions which is not met in any other training course. Lecture and hands-on exercises are given during the training. Upon completion of this course, attendees will be able to analyze latent impressions to determine if they were made by the sole of the foot or palm of the hand, use smart searching techniques to best compare sole impression prints and understand the limitation of analysis and suitability for exclusion based on available ridge skin. (16 hours)

Polarized Light Microscopy: The student will learn highly specialized principles, theory, and practice of polarized light microscopy (PLM), hands-on article identification and materials characterization using a polarized light microscope and overview of published reference literature. Upon completion, attendees will be informed of current developing trends in PLM, will learn/enhance techniques which will improve the quality and efficiency in the delivery of Forensic Science service and will learn new/improved analytical techniques which will assist in daily casework. (40 hours)

Midwest Crime Lab Director's Training: This training focuses on current management issues for regional forensic laboratory directors, training needs for the analytical community, and forensic research developments. Participation allows FSD's Laboratory Directors to share information and network with Midwestern states while addressing current management, training, and research issues in forensic science. Additionally, participants provide input regarding training and research topics to be conducted by the Midwest Forensic Resource Center during the ensuing year. (24 hours)

Mass Spectral Interpretation Online Course: A class to develop skill in quick and accurate mass spectral interpretation. Upon completion of this course, attendees will employ a strategic procedure to interpret mass spectra, understand fragmentation as it relates to molecular structure and use library search algorithms for interpretation of spectral data, including mixed spectra. (18 hours)

Paint Analysis: During this course, the student will learn highly specialized methods that can be successfully applied to paint. Topics that will be discussed include analysis techniques, instrumental analysis, manufacturing updates. Upon completion, attendees will be informed of current developing trends in instrumental analysis, microscopy and analysis of Paint Evidence, learn/enhance techniques which will improve the quality and efficiency in the delivery of Forensic Science service and will learn new/improved analytical techniques which will assist in daily casework. (40 hours)

Fire Debris Analysis Online Course: The course is comprised of lessons on the subjects of basic organic chemistry, ignitable liquid production, gas chromatography, mass spectrometry, extraction of ignitable liquid residues, and laboratory analysis of ignitable liquids. Upon completion, attendees will understand the theory of gas chromatography – mass spectrometry and be able to develop an analytical method for analysis of ignitable liquids, have knowledge of petroleum industry operations and how ignitable liquids are produced and understand the ASTM International methods of extraction and analysis of ignitable liquids. The culmination will be the student's ability to analyze and classify ignitable liquids. (40 hours)

Explosives Analysis: This course addresses the identification and analysis of low explosives in pre-blast and post-blast evidence using simple wet chemical tests, macroscopical and microscopical methods (microchemical tests) to efficiently process evidence from bomb scenes. Using the approach of “work to exclude”, the student will learn how to process the bomb scene debris quickly and correctly to eliminate possible explosive residues and particles. More involved sample preparation and instrumental methods can then be applied for confirming the type of explosive used. (40 hours)

International Society of Explosives Engineers (ISEE) Conference: This conference covers the composition of various types of explosives used in the commercial field, the type of explosive utilized for the type of blast required, the type of analyses employed to identify these types of explosives both pre and post blast, storage and handling of the type of explosive used, types of fuses used and their chemical components, expected results from analysis. At the completion of the training the participant will be able to gain industry contacts pertaining to explosives, learn information to apply to reacted and/or unreacted (undetonated or detonated) investigations, learn/enhance techniques which will improve the quality and efficiency in the delivery of Forensic Science service statewide and learn new/improved analytical techniques which will assist in daily casework. (36 hours)

Ion Chromatography: This hands-on course is designed to develop fundamental and operational skills of IC systems and is strongly recommended for IC users with a minimum of 2 months of hands-on experience who would like to further expand their knowledge on the principles of IC, how to successfully operate their IC system, and properly maintain its consumables. Upon completion, attendees learn theory and operation of IC, learn proper instrument maintenance and new troubleshooting “tips and tricks”. (32 hours)

Southeastern Association of Forensic Document Examiners (SAFDE): SAFDE is one of only three forensic documents organizations in the country. This training will include workshops, paper presentations, poster presentations, and exhibits by vendors. Examiners will be informed of current developing trends in the Forensic Questioned Documents field, learn new analytical techniques which will assist in daily case work and acquire techniques which will improve efficiency in the delivery of forensic science services statewide. Because only document examiners will be in attendance, this will allow for small group discussions and opportunity to make one on one contact with other document examiners in the country. (24 hours)

Print Process Identification Forensic Document Examiner Conference: This conference will explore the latest printing processes and security features currently being used to authenticate documents as well as replicate them, through various presentations and hands-on workshops. Upon completion, attendees will learn how to identify imaging characteristics of traditional and non-impact printing systems, learn how to evaluate the imaging process, ink and substrate used in a document and will learn new analytical techniques to determine document authenticity. (32 hours)

Fit Testing Refresher and Advanced Topics: This course offers advanced topics in management of respiratory protection programs. Upon completion, attendees will be able to identify factors that cause respirators to fail a fit test and strategies for resolving failed fit tests, establish effective guidelines for respirator change out schedules and establish effective guidelines for respirator selection. (24 hours)

American Industrial Hygiene Conference and Expo: This premiere annual conference for industrial hygienists offers continuing education programs, professional development sessions, networking opportunities, and access to regulatory specialists. At the completion of the training the participant will be able to maintain CIH certification and improve knowledge of industrial hygiene practices, gain a better understanding of industrial hygiene equipment and services by meeting with equipment and product vendors and promote the department’s industry leading efforts to create a healthy, safe, and productive work environment for the law enforcement community. (24 hours)

Shot Show: Attendees will be exposed to over 350 new firearm related products from multiple retailers located in the US and from around the world. At the completion of the training the participant will have a greater knowledge of both firearms and ammunition and new developments, be a resource for the MSP firearms unit in the area of new developments in the firearm industry and be able to apply knowledge gathered to daily casework. (32 hours)

SOFT Continuing Education Workshops: The Society of Forensic Toxicologists recognizes the need to provide continuing education for forensic toxicologists and offers many training opportunities in this realm. (1-8 hours)

SECTION 2 - PROJECT NARRATIVE

C. TRAINING METHODS

Describe how the training will be delivered for each course/topic. Identify program developers and instructors and describe their qualifications. Outline the method(s) of presentation. Include the hours of training and where the training will occur. Describe the training materials that will be developed or provided.

Refer to Page 19 of the Grant Manual

Where possible, course instructors have been identified for the requested training and are included in the chart that follows. Much of the training identified in this proposal will be delivered via lecture, practical exercises, and/or presentation of scientific research at seminars, symposia, and workshops where the instructors are recognized experts in the forensic community, specializing in the subject matter presented. Specific information for these sessions is often not available at the time of application; as a result, instructors are not listed for all programs. Instructors and agendas will be made available to the forensic community as workshops and presentations are finalized in the months ahead.

FSD Technical Leaders actively seek the most appropriate training opportunities for their respective disciplines. As indicated in the Problem Identification, programs to address the Division's specialized training needs are typically not available through in-state vendors or structured for in-house delivery. As a result, training must often be obtained through external sources and taken advantage of when and where the programs are offered. With laboratory staffing levels and training needs continually increasing, FSD has made a concentrated effort to bring training programs in-state when feasible and fiscally possible; six in-state programs have been identified for 2021. A listing of all requested programs and known logistics are provided in the chart that follows.

Because the majority of the training included in this request is administered by external parties, the minimal operational numbers for the identified programs are unknown. For the purpose of this application, the minimum operational response will be identified as N/A, as the trainee count is representative of the number of registration slots to be filled by Forensic Science Division personnel. Each program requested will have additional registration slots to be filled by other agencies and/or organizations. Minimal enrollment determination is the responsibility of the training instructor or entity for these programs.

Training materials associated with these programs are typically those received by Division personnel as handouts from workshops or formal presentations. These training materials are shared with other members of the forensic laboratory system, when copying is permitted, or through circulation at unit and laboratory trainings. Participants may be asked to orally present material to other FSD members or write a summary of the material for any of the programs.

Training	Program Developers	Instruction Hours	Presentation Method	Instructors	Location
ANAB Training	ANSI National Accreditation Board	27	Classroom	TBD	Lansing, MI
ASCLD Symposium	American Society of Crime Laboratory Directors	40	Multiple Workshops and Sessions	Multiple Experts	Boston, MA
MAFS Training	Midwestern Association of Forensic Scientists	40	Multiple Workshops and Sessions	Multiple Experts	Chicago, IL
Digital Imaging	TBD	40	Classroom and Practical Exercises	TBD	TBD
SOFT Training	Society of Forensic Toxicologists	40	Workshops, Posters, Presentations	Multiple Experts	San Diego, CA
Palm Print Comparison Techniques	Ron Smith and Associates	24	Classroom	Ron Smith	TBD
AFTE Training	Association of Firearm and Tool Mark Examiners	48	Workshops and Presentations	Multiple Experts	Miami, FL
Shooting Incident Reconstruction	Forensic Training Source	40	Classroom and Practical Exercises	TBD	TBD
DEA Forensic Chemist Seminar	Drug Enforcement Administrations	40	Classroom and Practical Exercises	TBD	Dulles, VA
ASQDE Training	American Society of Questioned Document Examiners	40	Workshops and Presentations	Multiple Experts	Frankenmuth, MI
AFQAM Training Conference	Association of Forensic Quality Assurance Managers	28	Classroom	Multiple Experts	TBD
Expert Witness	Michigan State Police Forensic Science Division	36	Classroom and Practical Exercises	Derek Knoll, Carrie Holka and Various other Experts	Lansing, MI
AAFS Training	American Academy of Forensic Sciences	48	Multiple Workshops and Sessions	Multiple Experts	Houston, TX
Analysis of Distortion in Latent Prints	Evolve Forensics	16	Classroom and Practical Exercises	Alice Maceo	TBD
Fiber Analysis	TBD	40	Classroom	TBD	TBD
Crime Scene Reconstruction I	Bevel, Gardner & Associates	40	Classroom	TBD	Detroit, MI
CLIC Training	Clandestine Laboratory Investigating Chemists	36	Classroom	Multiple Experts	Nashville, TN
MATT Drug Monitoring Training	Midwest Association of Toxicology and Therapeutic Drug Monitoring	16	Workshops and Presentations	Multiple Experts	TBD
Federal and Winchester Ammunition Tour	Federal Ammunition and Winchester Ammunition	24	Tour	TBD	Oxford, MS and Anoka, MN
IAI Conference	International Association for Identification	48	Workshop and Presentation	Multiple Experts	Nashville, TN
Technician Witness	Michigan State Police Forensic Science Division	24	Classroom and Practical Exercises	Derek Knoll, Carrie Holka and Various other Experts	Lansing, MI
Footwear Analysis	TBD	40	Classroom	TBD	TBD
Essential Ridgeology Techniques	Ron Smith and Associates	40	Classroom and Practical Exercises	John Bush	TBD

Training	Program Developers	Instruction Hours	Presentation Method	Instructors	Location
Mass Fatality Incident Exercise	Michigan State Police Forensic Science Division	16	Classroom and Practical Exercises	Guy Nutter & Various Experts	TBD, MI
Spectral Interpretation Applications	Unity Lab Services	40	Classroom	TBD	Madison, WI
Glock and Beretta Tours	Glock and Beretta Manufacturer	32	Tour	TBD	Smyrna, GA and Gallatin, TN
Fire Debris Analysis	TBD	40	Classroom	TBD	TBD
Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior	Indiana University Center for Studies of Law in Action	40	Classroom and Practical Exercises	Multiple Experts	TBD
Understanding Exclusion and Sufficiency Decisions	Ron Smith and Associates	36	Classroom	Glenn Langenburg and John Black	TBD
Advanced Shooting Incident Reconstruction	Forensic Training Source	40	Classroom and Practical Exercises	TBD	TBD
Advanced Bloodstain Pattern Analysis	TBD	40	Classroom and Practical Exercises	TBD	TBD
Advanced Fire Debris Analysis	TBD	40	Classroom	TBD	TBD
Advanced ACE-V Applications for Fingerprint Examiners	Ron Smith and Associates	40	Classroom	Glenn Langenburg	TBD
Sig Sauer and Remington Ammunition Manufacturer Tour	Sig Sauer and Remington Manufacturer	10	Tour	TBD	Jacksonville and Lonoke, AR
Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework	Miami-Dade Public Safety Training Institute	40	Classroom and Practical Exercises	Toby Wolson and LeeAnn Singley	TBD
Advanced Footwear Analysis	TBD	40	Classroom	TBD	TBD
Detection of Forgery and Fabricated Latent Prints	TriTech Forensics	16	Classroom	Rachelle Babler and Tom Washington	TBD
Midwest Firearms Training Seminar	Midwest Firearms Examiner	24	Classroom	TBD	Indianapolis, IN
IABPA Conference	International Association of Bloodstain Pattern Analysts	32	Workshops, Presentation, Case Studies	Multiple Experts	TBD
Advanced Fire Debris Online Course	National Center for Forensic Science, University of Central Florida, College of Sciences	40	Virtual	TBD	Online
Logical Latent Print Analysis	TriTech Forensics	16	Classroom and Practical Exercises	Mack Brazelle	TBD
Tire Analysis	TBD	40	Classroom	TBD	TBD
Comparison of Sole Impressions	Michigan State Police Forensic Science Division and Amanda Crooker	16	Classroom and Practical Exercises	Ashley Sellenraad and Amanda Crooker	TBD

Training	Program Developers	Instruction Hours	Presentation Method	Instructors	Location
Polarized Light Microscopy	TBD	40	Classroom and Practical Exercises	TBD	TBD
Midwest Crime Laboratory Directors Training	Midwest Crime Laboratory Directors	24	Workshops and Presentations	Multiple Experts	TBD
Mass Spectral Interpretation Online Course	TBD	18	Virtual	TBD	Online
Paint Analysis	TBD	40	Classroom	TBD	TBD
Fire Debris Analysis Online Course	National Center for Forensic Science, University of Central Florida, College of Sciences	40	Virtual	TBD	Online
Explosives Analysis	TBD	40	Classroom	TBD	TBD
ISEE Conference	International Society of Explosives Engineers	36	Workshops and Presentations	Multiple Experts	Orlando, FL
Ion Chromatography	TBD	32	Classroom and Practical Exercises	TBD	TBD
SAFDE	Southern Association of Forensic Document Examiners	24	Workshops and Presentations	Multiple Experts	TBD
Print Process Identification Forensic Document Examiners Conference	Print Process Identification Forensic Document Examiners	32	Workshops, Presentations, Practical Exercises	Multiple Experts	Charlotte, NC
Fit Testing Refresher and Advanced Topics	University of Cincinnati	24	Classroom	Dr. Roy T. McKay	Cincinnati, OH
American Industrial Hygiene Conference and Expo	American Industrial Hygiene Association (AIHA) and American Conference of Governmental Industrial Hygienists (ACGIH)	24	Virtual	Multiple Experts	Online
Shot Show	Firearms Industry Trade Association	32	Presentations, Exhibits	Multiple Experts	Las Vegas, NV
SOFT Continuing Education Workshops	Society of Forensic Toxicologists	1-8	TBD	TBD	TBD

SECTION 2 - PROJECT NARRATIVE

D. EVALUATION

In addition to participant feedback, describe how the participants will be evaluated on their acquisition of knowledge for each course/topic.

Refer to Page 19 of the Grant Manual

The majority of the training programs identified in this request are delivered through established, external providers. The vendors and/or institutions, course content, and instructional staff have been in operation for many years; the value of these programs is confirmed through the continued participation/attendance of the forensic community, as well as the Forensic Science Division's satisfaction with attendee performance on the job. Training programs with formalized course structure routinely include internal methods for evaluating participant progress – typically through laboratory exercises, hands-on staff instruction, or certificate issuance upon satisfactory completion of course requirements.

All laboratory personnel who attend formalized training are required to complete participant evaluations of the program content and instruction received. FSD has found these evaluations to be a valuable method for measuring the effectiveness of programs attended. When participants feel that a course falls short of the expected quality or depth of instruction, they are candid with their opinions. Equally important, participants who have a particularly high opinion of a course or specific instructor often request additional training for themselves and their unit based upon that experience. Feedback provided in the participant evaluations is used to support continued participation in a program or to identify alternate training sources to better meet the needs of our personnel.

In addition to certificates of completion and participant training evaluations, the Forensic Science Division monitors the proficiency of its analysts and examiners in the following manner:

1. The employee's supervisor provides an annual Performance Appraisal of each employee.
2. The Forensic Science Division conducts multiple proficiency tests of each employee annually. These proficiency tests are supplied by an external testing agency and are designed to measure the analyst's ability to obtain accurate results, knowledge of appropriate analytical methods, and ability to properly interpret and report results. The Division maintains records of employee performance; successful completion of all proficiency tests is mandatory.
3. In addition to the external proficiency testing, the Division has instituted internal proficiency tests designed to measure the competency of the analysts.
4. The analytical performance of the forensic personnel is reflected in their ability to obtain reliable results for the investigating officers and prosecutors. This performance is measured by evaluation of courtroom testimony through an annual written evaluation of each analyst by a supervisor or coworker and written evaluations of courtroom performance are provided periodically by prosecutors, judges, and investigating officers.
5. The Forensic Science Division laboratories are accredited by the ANSI National Accreditation Board (ANAB). This accreditation sets minimum standards for employee skill levels and training. Every five years the laboratory system is re-accredited by ANAB and skill levels of employees are verified.
6. The immediate supervisor technically reviews each employee's work for accuracy and completeness. Each discipline has a statewide program coordinator who is responsible for conducting yearly audits at each of the Division's seven laboratories. Any deficiencies are noted and the necessary corrective action is taken.
7. At a minimum, employees who receive training make presentations to other members of their discipline at annual unit trainings. Information gained through training is summarized and distributed to other unit members, and included in the unit's procedure manual, when appropriate.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

ANAB Training

Training Location

Lansing, MI

Maximum Participants

20

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

27

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$553.21	\$0.00	\$553.21
Contractual Services	\$	\$	\$
Tuition	\$10,000.00	\$10,000.00	\$0.00
Travel	\$3,085.50	\$3,085.50	\$0.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$13,638.71	\$13,085.50	\$553.21

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ANAB TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$553.21

Contractual Services: No funds will be used for contractual services.

Tuition: There is a flat fee that will be paid to ANAB for the delivery of the ANAB training.

GRANT SHARE = \$10,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-and-a-half-day training to be held in Lansing, MI, budgeted for 20 employees to attend. FSD has employees spread out throughout the state at seven different laboratories, this travel is necessary for all designated employees to attend. It is estimated that nine employees will be from the Lansing Laboratory and will not incur any travel expenses. Costs include: Lunch - \$280.50 (11 people x 3 days x \$8.50), Lodging - \$2,805.00 (11 people x 3 nights x \$85).

GRANT SHARE = \$3,085.50 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for ***each topic/course*** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
ASCLD Symposium

Training Location
Boston, MA

Maximum Participants 10	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$ 468.19	\$0.00	\$ 468.19
Contractual Services	\$	\$	\$
Tuition	\$ 7,000.00	\$ 7,000.00	\$0.00
Travel	\$14,062.50	\$11,462.50	\$2,600.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$21,530.69	\$18,462.50	\$3,068.19

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ASCLD SYMPOSIUM

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$468.19

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$7,000.00 (10 people x \$700.00).

GRANT SHARE = \$7,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in Boston, MA and 10 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$5,500.00 (10 people x \$550.00), Breakfast - \$650.00 (10 people x 5 days x \$13.00), Lunch - \$650.00 (10 people x 5 days x \$13.00), Dinner - \$1,262.50 (10 people x 5 days x \$25.25), Lodging - \$3,400.00 (10 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$2,600.00 (10 people x 4 nights x \$65.00).

GRANT SHARE = \$11,462.50 MATCH SHARE = \$2,600.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

MAFS Training

Training Location

Chicago, IL

Maximum Participants

28

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$ 516.74	\$0.00	\$ 516.74
Contractual Services	\$	\$	\$
Tuition	\$ 28,420.00	\$ 28,420.00	\$0.00
Travel	\$35,371.00	\$19,411.00	\$15,960.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$64,307.74	\$47,831.00	\$16,476.74

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MAFS TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$516.74

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$28,420.00 (28 people x \$1,015.00).

GRANT SHARE = \$28,420.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in Chicago, IL and 28 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$336.00 (28 people x \$12.00), Breakfast - \$1,820.00 (28 people x 5 days x \$13.00), Lunch - \$1,820.00 (28 people x 5 days x \$13.00), Dinner - \$3,535.00 (28 people x 5 days x \$25.25), Lodging - \$11,900.00 (28 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$15,960.00 (28 people x 5 nights x \$114.00).

GRANT SHARE = \$19,411.00 MATCH SHARE = \$15,960.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Digital Imaging

Training Location

TBD

Maximum Participants

5

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$ 344.49	\$0.00	\$ 344.49
Contractual Services	\$	\$	\$
Tuition	\$7,500.00	\$7,500.00	\$0.00
Travel	\$7,870.00	\$6,245.00	\$1,625.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$15,714.49	\$13,745.00	\$1,969.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

DIGITAL IMAGING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$7,500.00 (5 people x \$1,500.00).

GRANT SHARE = \$7,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and five employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,800.00 (5 people x \$560.00), Breakfast - \$307.50 (5 people x 6 days x \$10.25), Lunch - \$307.50 (5 people x 6 days x \$10.25), Dinner - \$705.00 (5 people x 6 days x \$23.50), Lodging - \$2,125.00 (5 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,625.00 (5 people x 5 nights x \$65.00).

GRANT SHARE = \$6,245.00 MATCH SHARE = \$1,625.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

SOFT Training

Training Location

San Diego, CA

Maximum Participants

5

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$ 353.75	\$0.00	\$ 353.75
Contractual Services	\$	\$	\$
Tuition	\$5,000.00	\$5,000.00	\$0.00
Travel	\$10,287.50	\$7,412.50	\$2,875.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$15,641.25	\$12,412.50	\$3,228.75

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SOFT TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$353.75

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$5,000.00 (5 people x \$1,000.00).

GRANT SHARE = \$5,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in San Diego, CA and five employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$3,750.00 (5 people x \$750.00), Breakfast - \$390.00 (5 people x 6 days x \$13.00), Lunch - \$390.00 (5 people x 6 days x \$13.00), Dinner - \$757.50 (5 people x 6 days x \$25.25), Lodging - \$2,125.00 (5 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$2,875.00 (5 people x 5 nights x \$115.00).

GRANT SHARE = \$7,412.50 MATCH SHARE = \$2,875.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Palm Print Comparison Techniques

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

24

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$245.73	\$0.00	\$245.73
Contractual Services	\$	\$	\$
Tuition	\$1,200.00	\$1,200.00	\$0.00
Travel	\$3,233.50	\$3,193.00	\$40.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$4,679.23	\$4,393.00	\$286.23

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

PALM PRINT COMPARISON TECHNIQUES

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$245.73

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,200.00 (3 people x \$400.00).

GRANT SHARE = \$1,200.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,900.00 (3 people x \$550.00 + \$250.00 car rental), Breakfast - \$123.00 (3 people x 4 days x \$10.25), Lunch - \$123.00 (3 people x 4 days x \$10.25), Dinner - \$282.00 (3 people x 4 days x \$23.50), Lodging - \$765.00 (3 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$40.50 (3 people x 3 nights x \$4.50).

GRANT SHARE = \$3,193.00 MATCH SHARE = \$40.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

AFTE Training

Training Location

Miami, FL

Maximum Participants

6

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

48

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$432.12	\$0.00	\$432.12
Contractual Services	\$	\$	\$
Tuition	\$6,600.00	\$6,600.00	\$0.00
Travel	\$13,848.00	\$9,708.00	\$4,140.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$20,880.12	\$16,308.00	\$4,572.12

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

AFTE TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$432.12

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$6,600.00 (6 people x \$1,100.00).

GRANT SHARE = \$6,600.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a six-day training to be held in Miami, FL and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$4,800.00 (6 people x \$800.00), Breakfast - \$430.50 (6 people x 7 days x \$10.25), Lunch - \$430.50 (6 people x 7 days x \$10.25), Dinner - \$987.00 (6 people x 7 days x \$23.50), Lodging - \$3,060.00 (6 people x 6 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$4,140.00 (6 people x 6 nights x \$115.00).

GRANT SHARE = \$9,708.00 MATCH SHARE = \$4,140.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Shooting Incident Reconstruction

Training Location

TBD

Maximum Participants

20

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$620.47	\$0.00	\$620.47
Contractual Services	\$	\$	\$
Tuition	\$15,000.00	\$15,000.00	\$0.00
Travel	\$11,180.00	\$10,380.00	\$800.00
Supplies & Operating	\$4,000.00	\$4,000.00	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$30,800.47	\$29,380.00	\$1,420.47

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SHOOTING INCIDENT RECONSTRUCTION

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$620.47

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is a flat rate of \$15,000.00.

GRANT SHARE = \$15,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and 20 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Breakfast - \$820.00 (20 people x 5 days x \$10.25), Lunch - \$820.00 (20 people x 5 days x \$10.25), Dinner - \$1,940.00 (20 people x 5 days x \$24.25), Lodging - \$6,800.00 (16 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$800.00 (16 people x 5 nights x \$10.00).

GRANT SHARE = \$10,380.00 MATCH SHARE = \$800.00

Supplies & Operating: Due to the uniqueness of this training, training space needs to be rented and supplies need to be acquired. Costs include: Training Room - \$1,000.00, Shooting Range - \$2,000.00 and Supplies (vehicles and tow expenses) - \$1,000.00.

GRANT SHARE = \$4,000.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

DEA Forensic Chemist Seminar

Training Location

Dulles, VA

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$265.92	\$0.00	\$265.92
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$3,048.50	\$2,148.50	\$900.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$3,314.42	\$2,148.50	\$1,165.92

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

DEA FORENSIC CHEMIST SEMINAR

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$265.92

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in Dulles, VA and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,148.50 (2 people x \$1,074.25), Breakfast - \$26.00 (2 people x 1 days x \$13.00), Lunch - \$52.00 (2 people x 2 days x \$13.00), Dinner - \$50.50 (2 people x 1 days x \$25.25), Lodging - \$850.00 (2 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$900.00 (2 people x 5 nights x \$90.00).

GRANT SHARE = \$2,148.50 MATCH SHARE = \$900.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
ASQDE Training

Training Location
Frankenmuth, MI

Maximum Participants 3	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$1,575.00	\$1,575.00	\$0.00
Travel	\$1,990.50	\$1,923.00	\$67.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$3,909.99	\$3,498.00	\$411.99

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ASQDE TRAINING

Personnel: Costs for personnel are administrative costs for creating the course content, finding instructors, facilitating the training, securing location, making travel arrangements, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,575.00 (3 people x \$525.00).

GRANT SHARE = \$1,575.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training that will be held in Frankenmuth, MI and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Breakfast - \$153.00 (3 people x 6 days x \$8.50), Lunch - \$153.00 (3 people x 6 days x \$8.50), Dinner - \$342.00 (3 people x 6 days x \$19.00), Lodging - \$1,275.00 (3 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$67.50 (3 people x 5 nights x \$4.50).

GRANT SHARE = \$1,923.00 MATCH SHARE = \$67.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

AFQAM Training Conference

Training Location

TBD

Maximum Participants

8

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

28

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$331.93	\$0.00	\$331.93
Contractual Services	\$	\$	\$
Tuition	\$2,000.00	\$2,000.00	\$0.00
Travel	\$10,160.00	\$8,880.00	\$1,280.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$12,491.93	\$10,880.00	\$1,611.93

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

AFQAM TRAINING CONFERENCE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$331.93

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$2,000.00 (8 people x \$250.00).

GRANT SHARE = \$2,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-and-a-half-day training to be held in a location yet to be determined and eight employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$4,400.00 (8 people x \$550.00), Breakfast - \$410.00 (8 people x 5 days x \$10.25), Lunch - \$410.00 (8 people x 5 days x \$10.25), Dinner - \$940.00 (8 people x 5 days x \$23.50), Lodging - \$2,720.00 (8 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,280.00 (8 people x 4 nights x \$40.00).

GRANT SHARE = \$8,880.00 MATCH SHARE = \$1,280.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Expert Witness

Training Location

Lansing, MI

Maximum Participants

16

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

36

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$4,444.09	\$0.00	\$4,444.09
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$8,130.00	\$8,130.00	\$0.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$12,574.09	\$8,130.00	\$4,444.09

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

EXPERT WITNESS

Personnel: Costs for personnel are administrative costs for creating the course content, finding instructors, facilitating the training, securing location, making travel arrangements, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$4,444.09

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-and-a-half-day training that will be held in Lansing, MI and 16 employees are budgeted to attend. FSD has employees spread out throughout the state at seven different laboratories, this travel is necessary for all employees to be able to attend. Costs include: Airfare/Other - \$250 (parking) - Breakfast - \$544.00 (16 people x 4 days x \$8.50), Lunch - \$680.00 (19 people x 5 days x \$8.50), Dinner - \$1,216.00 (16 people x 4 days x \$19.00), Lodging - \$5,440.00 (16 people x 4 nights x \$85).

GRANT SHARE = \$8,130.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

AAFS Training

Training Location

Houston, TX

Maximum Participants

10

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

48

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$602.29	\$0.00	\$602.29
Contractual Services	\$	\$	\$
Tuition	\$7,250.00	\$7,250.00	\$0.00
Travel	\$18,825.00	\$11,825.00	\$7,000.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$26,677.29	\$19,075.00	\$7,602.29

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

AAFS TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$602.29

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$7,250.00 (10 people x \$725.00).

GRANT SHARE = \$7,250.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a six-day training to be held in Houston, TX and 10 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$4,500.00 (10 people x \$450.00), Breakfast - \$780.00 (10 people x 6 days x \$13.00), Lunch - \$780.00 (10 people x 6 days x \$13.00), Dinner - \$1,515.00 (10 people x 6 days x \$25.25), Lodging - \$4,250.00 (10 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$7,000.00 (10 people x 5 nights x \$140.00).

GRANT SHARE = \$11,825.00 MATCH SHARE = \$7,000.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Analysis of Distortion in Latent Prints

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$975.00	\$975.00	\$0.00
Travel	\$3,233.50	\$3,193.00	\$40.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$4,618.06	\$4,168.00	\$450.06

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ANALYSIS OF DISTORTION IN LATENT PRINTS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$975.00 (3 people x \$325.00).

GRANT SHARE = \$975.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,900.00 (3 people x \$550.00 + \$250.00 car rental), Breakfast - \$123.00 (3 people x 4 days x \$10.25), Lunch - \$123.00 (3 people x 4 days x \$10.25), Dinner - \$282.00 (3 people x 4 days x \$23.50), Lodging - \$765.00 (3 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$40.50 (3 people x 3 nights x \$4.50).

GRANT SHARE = \$3,193.00 MATCH SHARE = \$40.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for ***each topic/course*** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Fiber Analysis

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$3,800.00	\$3,800.00	\$0.00
Travel	\$3,148.00	\$2,498.00	\$650.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,292.49	\$6,298.00	\$994.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FIBER ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,800.00 (2 people x \$1,900.00).

GRANT SHARE = \$3,800.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$123.00 (2 people x 6 days x \$10.25), Lunch - \$123.00 (2 people x 6 days x \$10.25), Dinner - \$282.00 (2 people x 6 days x \$23.50), Lodging - \$850.00 (2 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$650.00 (2 people x 5 nights x \$65.00).

GRANT SHARE = \$2,498.00 MATCH SHARE = \$650.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Crime Scene Reconstruction I

Training Location

Detroit, MI

Maximum Participants

24

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$1,063.66	\$0.00	\$1,063.66
Contractual Services	\$	\$	\$
Tuition	\$14,424.00	\$14,424.00	\$0.00
Travel	\$10,867.50	\$10,147.50	\$720.00
Supplies & Operating	\$3,000.00	\$3,000.00	\$0.00
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$29,355.16	\$27,571.50	\$1,783.66

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

CRIME SCENE RECONSTRUCTION I

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$1,063.66

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$14,424.00 (24 people x \$601.00).

GRANT SHARE = \$14,424.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in Detroit, MI and 24 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Breakfast - \$922.50 (18 people x 5 days x \$10.25), Lunch - \$922.50 (18 people x 5 days x \$10.25), Dinner - \$2,182.50 (18 people x 5 days x \$24.25), Lodging - \$6,120.00 (18 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$720.00 (18 people x 4 nights x \$10.00).

GRANT SHARE = \$10,147.50 MATCH SHARE = \$720.00

Supplies & Operating: Due to the location of this training, training space needs to be rented and AV equipment needs to be acquired. Costs include: Training Room and AV Equipment - \$3,000.00.

GRANT SHARE = \$3,000.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
CLIC Training

Training Location
Nashville, TN

Maximum Participants 6	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 36	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$354.55	\$0.00	\$354.55
Contractual Services	\$	\$	\$
Tuition	\$4,500.00	\$4,500.00	\$0.00
Travel	\$10,044.00	\$7,344.00	\$2,700.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$14,898.55	\$11,844.00	\$3,054.55

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

CLIC TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$354.55

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$4,500.00 (6 people x \$750.00).

GRANT SHARE = \$4,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-and-a-half-day training to be held in Nashville, TN and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$3,210.00 (6 people x \$535.00), Breakfast - \$369.00 (6 people x 6 days x \$10.25), Lunch - \$369.00 (6 people x 6 days x \$10.25), Dinner - \$846.00 (6 people x 6 days x \$23.50), Lodging - \$2,550.00 (6 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$2,700.00 (6 people x 5 nights x \$90.00).

GRANT SHARE = \$7,344.00 MATCH SHARE = \$2,700.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

MATT Drug Monitoring Training

Training Location

TBD

Maximum Participants

5

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$353.75	\$0.00	\$353.75
Contractual Services	\$	\$	\$
Tuition	\$800.00	\$800.00	\$0.00
Travel	\$6,410.00	\$5,260.00	\$1,150.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,563.75	\$6,060.00	\$1,503.75

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MATT DRUG MONITORING TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$353.75

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$800.00 (5 people x \$160.00).

GRANT SHARE = \$800.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training to be held in a location yet to be determined and five employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$3,750.00 (5 people x \$750.00), Breakfast - \$153.75 (5 people x 3 days x \$10.25), Lunch - \$153.75 (5 people x 3 days x \$10.25), Dinner - \$352.50 (5 people x 3 days x \$23.50), Lodging - \$850.00 (5 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,150.00 (5 people x 2 nights x \$115.00).

GRANT SHARE = \$5,260.00 MATCH SHARE = \$1,150.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Federal and Winchester Ammunition Tour

Training Location
Oxford, MS and Anoka, MN

Maximum Participants 10	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 24	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$324.09	\$0.00	\$324.09
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$11,320.00	\$10,020.00	\$1,300.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$11,644.09	\$10,020.00	\$1,624.09

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FEDERAL AND WINCHESTER AMMUNITION TOUR

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$324.09

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in Oxford, MS and Anoka, MN and 10 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$7,000.00 (10 people x \$700.00), Breakfast - \$307.50 (10 people x 3 days x \$10.25), Lunch - \$307.50 (10 people x 3 days x \$10.25), Dinner - \$705.00 (10 people x 3 days x \$23.50), Lodging - \$1,700.00 (10 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,300.00 (10 people x 2 nights x \$65.00).

GRANT SHARE = \$10,020.00 MATCH SHARE = \$1,300.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

IAI Conference

Training Location

Nashville, TN

Maximum Participants

16

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

48

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$10,000.00	\$10,000.00	\$0.00
Travel	\$22,320.00	\$21,888.00	\$432.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$32,729.56	\$31,888.00	\$841.56

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

IAI CONFERENCE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$10,000.00 (16 people x \$625.00).

GRANT SHARE = \$10,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a six-day training to be held in Nashville, TN and 16 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$8,800.00 (16 people x \$550.00), Breakfast - \$1,148.00 (16 people x 7 days x \$10.25), Lunch - \$1,148.00 (16 people x 7 days x \$10.25), Dinner - \$2,632.00 (16 people x 7 days x \$23.50), Lodging - \$8,160.00 (16 people x 6 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$432.00 (16 people x 6 nights x \$4.50).

GRANT SHARE = \$21,888.00 MATCH SHARE = \$432.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Technician Witness

Training Location
Lansing, MI

Maximum Participants 16	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 24	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$3,333.07	\$0.00	\$3,333.07
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$4,008.00	\$4,008.00	\$0.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$7,341.07	\$4,008.00	\$3,333.07

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

TECHNICIAN WITNESS

Personnel: Costs for personnel are administrative costs for creating the course content, finding instructors, facilitating the training, securing location, making travel arrangements, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$3,333.07

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training that will be held in Lansing, MI and 16 employees are budgeted to attend. FSD has employees spread out throughout the state at seven different laboratories, this travel is necessary for all employees to be able to attend. Costs include: Breakfast - \$272.00 (16 people x 2 days x \$8.50), Lunch - \$408.00 (16 people x 3 days x \$8.50), Dinner - \$608.00 (16 people x 2 days x \$19.00), Lodging - \$2,720.00 (16 people x 2 nights x \$85).

GRANT SHARE = \$4,008.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Footwear Analysis

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$3,000.00	\$3,000.00	\$0.00
Travel	\$2,760.00	\$2,240.00	\$520.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$6,104.49	\$5,240.00	\$864.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FOOTWEAR ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,000.00 (2 people x \$1,500.00).

GRANT SHARE = \$3,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$102.50 (2 people x 5 days x \$10.25), Lunch - \$102.50 (2 people x 5 days x \$10.25), Dinner - \$235.00 (2 people x 5 days x \$23.50), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$520.00 (2 people x 4 nights x \$65.00).

GRANT SHARE = \$2,240.00 MATCH SHARE = \$520.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Essential Ridgeology Techniques

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$1,800.00	\$1,800.00	\$0.00
Travel	\$4,034.50	\$3,967.00	\$67.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$6,244.06	\$5,767.00	\$477.06

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ESSENTIAL RIDGEOLOGY TECHNIQUES

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,800.00 (3 people x \$600.00).

GRANT SHARE = \$1,800.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,900.00 (3 people x \$550.00 + \$250.00 car rental), Breakfast - \$184.50 (3 people x 6 days x \$10.25), Lunch - \$184.50 (3 people x 6 days x \$10.25), Dinner - \$423.00 (3 people x 6 days x \$23.50), Lodging - \$1,275.00 (3 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$67.50 (3 people x 5 nights x \$4.50).

GRANT SHARE = \$3,967.00 MATCH SHARE = \$67.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Mass Fatality Incident Exercise

Training Location

TBD, MI

Maximum Participants

24

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$2,481.88	\$0.00	\$2,481.88
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$1,168.00	\$1,088.00	\$80.00
Supplies & Operating	\$4,000.00	\$4,000.00	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,649.88	\$5,088.00	\$2,561.88

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MASS FATALITY INCIDENT EXERCISE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$2,481.88

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training to be held in a location yet to be determined and 24 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Lunch - \$408.00 (24 people x 2 days x \$8.50), Lodging - \$680.00 (4 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$80.00 (4 people x 2 nights x \$10.00).

GRANT SHARE = \$1,088.00 MATCH SHARE = \$80.00

Supplies & Operating: Due to the location of this training, training space needs to be rented. Costs include: Training Room - \$4,000.00.

GRANT SHARE = \$4,000.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Spectral Interpretation Applications

Training Location

Madison, WI

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$354.55	\$0.00	\$354.55
Contractual Services	\$	\$	\$
Tuition	\$4,400.00	\$4,400.00	\$0.00
Travel	\$3,348.00	\$2,448.00	\$900.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$8,102.50	\$6,848.00	\$1,254.55

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SPECTRAL INTERPRETATION APPLICATIONS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$354.55

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$4,400.00 (2 people x \$2,200.00).

GRANT SHARE = \$4,400.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in Madison, WI and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,070.00 (2 people x \$535.00), Breakfast - \$123.00 (2 people x 6 days x \$10.25), Lunch - \$123.00 (2 people x 6 days x \$10.25), Dinner - \$282.00 (2 people x 6 days x \$23.50), Lodging - \$850.00 (2 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$900.00 (2 people x 5 nights x \$90.00).

GRANT SHARE = \$2,448.00 MATCH SHARE = \$900.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Glock and Beretta Tours

Training Location

Smyrna, GA and Gallatin, TN

Maximum Participants

6

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

32

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$324.09	\$0.00	\$324.09
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$7,706.00	\$6,086.00	\$1,620.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$8,030.09	\$6,086.00	\$1,944.09

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

GLOCK AND BERETTA TOURS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$324.09

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-day training to be held in Smyrna, GA and Gallatin, TN and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$3,500.00 (6 people x \$500.00 + \$500.00 Rental Car), Breakfast - \$246.00 (6 people x 4 days x \$10.25), Lunch - \$246.00 (6 people x 4 days x \$10.25), Dinner - \$564.00 (6 people x 4 days x \$23.50), Lodging - \$1,530.00 (6 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,620.00 (6 people x 3 nights x \$90.00).

GRANT SHARE = \$6,086.00 MATCH SHARE = \$1,620.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Fire Debris Analysis

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$3,990.00	\$3,990.00	\$0.00
Travel	\$2,760.00	\$2,240.00	\$520.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,180.61	\$6,230.00	\$950.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FIRE DEBRIS ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,990.00 (2 people x \$1,995.00).

GRANT SHARE = \$3,990.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$102.50 (2 people x 5 days x \$10.25), Lunch - \$102.50 (2 people x 5 days x \$10.25), Dinner - \$235.00 (2 people x 5 days x \$23.50), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$520.00 (2 people x 4 nights x \$65.00).

GRANT SHARE = \$2,240.00 MATCH SHARE = \$520.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$442.19	\$0.00	\$442.19
Contractual Services	\$	\$	\$
Tuition	\$4,500.00	\$4,500.00	\$0.00
Travel	\$5,892.00	\$4,167.00	\$1,725.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$10,834.19	\$8,667.00	\$2,167.19

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ROBERT BORKENSTEIN COURSE ON THE EFFECTS OF DRUGS ON HUMAN PERFORMANCE AND BEHAVIOR

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$442.19

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$4,500.00 (3 people x \$1,500.00).

GRANT SHARE = \$4,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,100.00 (3 people x \$700.00), Breakfast - \$184.50 (3 people x 6 days x \$10.25), Lunch - \$184.50 (3 people x 6 days x \$10.25), Dinner - \$423.00 (3 people x 6 days x \$23.50), Lodging - \$1,275.00 (3 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,725.00 (3 people x 5 nights x \$115.00).

GRANT SHARE = \$4,167.00 MATCH SHARE = \$1,725.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Understanding Exclusion and Sufficiency Decisions

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

36

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$327.65	\$0.00	\$327.65
Contractual Services	\$	\$	\$
Tuition	\$1,800.00	\$1,800.00	\$0.00
Travel	\$4,034.50	\$3,967.00	\$67.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$6,162.15	\$5,767.00	\$395.15

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

UNDERSTANDING EXCLUSION AND SUFFICIENCY DECISIONS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$327.65

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,800.00 (3 people x \$600.00).

GRANT SHARE = \$1,800.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-and-a-half-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,900.00 (3 people x \$550.00 + \$250.00 car rental), Breakfast - \$184.50 (3 people x 6 days x \$10.25), Lunch - \$184.50 (3 people x 6 days x \$10.25), Dinner - \$423.00 (3 people x 6 days x \$23.50), Lodging - \$1,275.00 (3 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$67.50 (3 people x 5 nights x \$4.50).

GRANT SHARE = \$3,967.00 MATCH SHARE = \$67.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Advanced Shooting Incident Reconstruction

Training Location
TBD

Maximum Participants 4	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$756.21	\$0.00	\$756.21
Contractual Services	\$	\$	\$
Tuition	\$4,000.00	\$4,000.00	\$0.00
Travel	\$5,980.00	\$4,540.00	\$1,440.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$10,736.21	\$8,540.00	\$2,196.21

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED SHOOTING INCIDENT RECONSTRUCTION

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$756.21

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$4,000.00 (4 people x \$1,000.00).

GRANT SHARE = \$4,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and four employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,300.00 (4 people x \$575.00), Breakfast - \$205.00 (4 people x 5 days x \$10.25), Lunch - \$205.00 (4 people x 5 days x \$10.25), Dinner - \$470.00 (4 people x 5 days x \$23.50), Lodging - \$1,360.00 (4 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,440.00 (4 people x 4 nights x \$90.00).

GRANT SHARE = \$4,540.00 MATCH SHARE = \$1,440.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Advanced Bloodstain Pattern Analysis

Training Location

TBD

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$531.83	\$0.00	\$531.83
Contractual Services	\$	\$	\$
Tuition	\$1,200.00	\$1,200.00	\$0.00
Travel	\$1,674.00	\$1,449.00	\$225.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$3,405.83	\$2,649.00	\$756.83

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED BLOODSTAIN PATTERN ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$531.83

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,200.00 (1 people x \$1,200.00).

GRANT SHARE = \$1,200.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and one employee is budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$760.00 (1 people x \$760.00), Breakfast - \$61.50 (1 people x 6 days x \$10.25), Lunch - \$61.50 (1 people x 6 days x \$10.25), Dinner - \$141.00 (1 people x 6 days x \$23.50), Lodging - \$425.00 (1 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$225.00 (1 people x 5 nights x \$45.00).

GRANT SHARE = \$1,449.00 MATCH SHARE = \$225.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Advanced Fire Debris Analysis

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$3,990.00	\$3,990.00	\$0.00
Travel	\$2,760.00	\$2,240.00	\$520.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,180.61	\$6,230.00	\$950.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED FIRE DEBRIS ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,990.00 (2 people x \$1,995.00).

GRANT SHARE = \$3,990.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$102.50 (2 people x 5 days x \$10.25), Lunch - \$102.50 (2 people x 5 days x \$10.25), Dinner - \$235.00 (2 people x 5 days x \$23.50), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$520.00 (2 people x 4 nights x \$65.00).

GRANT SHARE = \$2,240.00 MATCH SHARE = \$520.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Advanced ACE-V Applications for Fingerprint Examiner

Training Location
TBD

Maximum Participants 5	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$3,000.00	\$3,000.00	\$0.00
Travel	\$5,457.50	\$5,345.00	\$112.50
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$8,867.06	\$8,345.00	\$522.06

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED ACE-V APPLICATIONS FOR FINGERPRINT EXAMINER

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,000.00 (5 people x \$600.00).

GRANT SHARE = \$3,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and five employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,900.00 (5 people x \$380.00), Breakfast - \$307.50 (5 people x 6 days x \$10.25), Lunch - \$307.50 (5 people x 6 days x \$10.25), Dinner - \$705.00 (5 people x 6 days x \$23.50), Lodging - \$2,125.00 (5 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$112.50 (5 people x 5 nights x \$4.50).

GRANT SHARE = \$5,345.00 MATCH SHARE = \$112.50

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Sig Sauer and Remington Ammunition Manufacturer Tour

Training Location

Jacksonville and Lonoke, AR

Maximum Participants

10

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

10

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$324.09	\$0.00	\$324.09
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$11,320.00	\$10,020.00	\$1,300.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$11,644.09	\$10,020.00	\$1,624.09

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SIG SAUER AND REMINGTON AMMUNITION MANUFACTURER TOUR

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$324.09

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a one-and-a-half-day training to be held in Jacksonville and Lonoke, AR and 10 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$7,000.00 (10 people x \$700.00), Breakfast - \$307.50 (10 people x 3 days x \$10.25), Lunch - \$307.50 (10 people x 3 days x \$10.25), Dinner - \$705.00 (10 people x 3 days x \$23.50), Lodging - \$1,700.00 (10 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,300.00 (10 people x 2 nights x \$65.00).

GRANT SHARE = \$10,020.00 MATCH SHARE = \$1,300.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework

Training Location

TBD

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$443.19	\$0.00	\$443.19
Contractual Services	\$	\$	\$
Tuition	\$1,500.00	\$1,500.00	\$0.00
Travel	\$1,600.00	\$1,340.00	\$260.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$3,543.19	\$2,840.00	\$703.19

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

INTRO TO BLOODSTAIN PATTERN ANALYSIS ON FABRICS AND DIGITAL CASEWORK

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$443.19

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,500.00 (1 people x \$1,500.00).

GRANT SHARE = \$1,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and one employee is budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$780.00 (1 people x \$780.00), Breakfast - \$51.25 (1 people x 5 days x \$10.25), Lunch - \$51.25 (1 people x 5 days x \$10.25), Dinner - \$117.50 (1 people x 5 days x \$23.50), Lodging - \$340.00 (1 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$260.00 (1 people x 4 nights x \$65.00).

GRANT SHARE = \$1,340.00 MATCH SHARE = \$260.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Advanced Footwear Analysis

Training Location

TBD

Maximum Participants

5

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$5,000.00	\$5,000.00	\$0.00
Travel	\$6,600.00	\$5,300.00	\$1,300.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$11,944.49	\$10,300.00	\$1,644.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED FOOTWEAR ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$5,000.00 (5 people x \$1,000.00).

GRANT SHARE = \$5,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and five employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,500.00 (5 people x \$500.00), Breakfast - \$256.25 (5 people x 5 days x \$10.25), Lunch - \$256.25 (5 people x 5 days x \$10.25), Dinner - \$587.50 (5 people x 5 days x \$23.50), Lodging - \$1,700.00 (5 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,300.00 (5 people x 4 nights x \$65.00).

GRANT SHARE = \$5,300.00 MATCH SHARE = \$1,300.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for ***each topic/course*** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Detection of Forgery and Fabricated Latent Prints

Training Location

TBD

Maximum Participants

11

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$327.65	\$0.00	\$327.65
Contractual Services	\$	\$	\$
Tuition	\$5,500.00	\$5,500.00	\$0.00
Travel	\$9,911.00	\$9,812.00	\$99.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$15,738.65	\$15,312.00	\$426.65

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

DETECTION OF FORGERY AND FABRICATED LATENT PRINTS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$327.65

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$5,500.00 (11 people x \$500.00).

GRANT SHARE = \$5,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training to be held in a location yet to be determined and 11 employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$6,490.00 (11 people x \$590.00), Breakfast - \$338.25 (11 people x 3 days x \$10.25), Lunch - \$338.25 (11 people x 3 days x \$10.25), Dinner - \$775.50 (11 people x 3 days x \$23.50), Lodging - \$1,870.00 (11 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$99.00 (11 people x 2 nights x \$4.50).

GRANT SHARE = \$9,812.00 MATCH SHARE = \$99.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Midwest Firearms Training Seminar

Training Location

Indianapolis, IN

Maximum Participants

6

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

24

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$432.12	\$0.00	\$432.12
Contractual Services	\$	\$	\$
Tuition	\$	\$	\$
Travel	\$3,756.00	\$2,586.00	\$1,170.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$4,188.12	\$2,586.00	\$1,602.12

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MIDWEST FIREARMS TRAINING SEMINAR

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$432.12

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in Indianapolis, IN and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Breakfast - \$246.00 (6 people x 4 days x \$10.25), Lunch - \$246.00 (6 people x 4 days x \$10.25), Dinner - \$564.00 (6 people x 4 days x \$23.50), Lodging - \$1,530.00 (6 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,170.00 (6 people x 3 nights x \$65.00).

GRANT SHARE = \$2,586.00 MATCH SHARE = \$1,170.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
IABPA Conference

Training Location
TBD

Maximum Participants 2	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 32	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$354.55	\$0.00	\$354.55
Contractual Services	\$	\$	\$
Tuition	\$1,600.00	\$1,600.00	\$0.00
Travel	\$3,172.50	\$2,732.50	\$440.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$5,127.05	\$4,332.50	\$794.55

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

IABPA CONFERENCE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$354.55

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,600.00 (2 people x \$800.00).

GRANT SHARE = \$1,600.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,540.00 (2 people x \$770.00), Breakfast - \$130.00 (2 people x 5 days x \$13.00), Lunch - \$130.00 (2 people x 5 days x \$13.00), Dinner - \$252.50 (2 people x 5 days x \$25.25), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$440.00 (2 people x 4 nights x \$55.00).

GRANT SHARE = \$2,732.50 MATCH SHARE = \$440.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Advanced Fire Debris Online Course

Training Location

Online

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$258.37	\$0.00	\$258.37
Contractual Services	\$	\$	\$
Tuition	\$1,000.00	\$1,000.00	\$0.00
Travel	\$	\$	\$
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$1,258.37	\$1,000.00	\$258.37

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ADVANCED FIRE DEBRIS ONLINE COURSE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$258.37

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,000.00 (2 people x \$500.00).

GRANT SHARE = \$1,000.00 MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Logical Latent Print Analysis

Training Location

TBD

Maximum Participants

4

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$1,396.00	\$1,396.00	\$0.00
Travel	\$4,444.00	\$4,408.00	\$36.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$6,249.56	\$5,804.00	\$445.56

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

LOGICAL LATENT PRINT ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,396.00 (4 people x \$349.00).

GRANT SHARE = \$1,396.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training to be held in a location yet to be determined and four employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$3,200.00 (4 people x \$800.00), Breakfast - \$123.00 (4 people x 3 days x \$10.25), Lunch - \$123.00 (4 people x 3 days x \$10.25), Dinner - \$282.00 (4 people x 3 days x \$23.50), Lodging - \$680.00 (4 people x 2 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$36.00 (4 people x 2 nights x \$4.50).

GRANT SHARE = \$4,408.00 MATCH SHARE = \$36.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Tire Analysis

Training Location
TBD

Maximum Participants 4	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$6,000.00	\$6,000.00	\$0.00
Travel	\$5,320.00	\$4,280.00	\$1,040.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$11,664.49	\$10,280.00	\$1,384.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

TIRE ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$6,000.00 (4 people x \$1,500.00).

GRANT SHARE = \$6,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and four employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,040.00 (4 people x \$510.00), Breakfast - \$205.00 (4 people x 5 days x \$10.25), Lunch - \$205.00 (4 people x 5 days x \$10.25), Dinner - \$470.00 (4 people x 5 days x \$23.50), Lodging - \$1,360.00 (4 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$1,040.00 (4 people x 4 nights x \$65.00).

GRANT SHARE = \$4,280.00 MATCH SHARE = \$1,040.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Comparison of Sole Impressions

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

16

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$409.56	\$0.00	\$409.56
Contractual Services	\$	\$	\$
Tuition	\$500.00	\$500.00	\$0.00
Travel	\$395.00	\$386.00	\$9.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$1,304.56	\$886.00	\$418.56

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

COMPARISON OF SOLE IMPRESSIONS

Personnel: Costs for personnel are administrative costs for creating the course content, finding instructors, facilitating the training, securing location, making travel arrangements, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$409.56

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$500.00 (Flat fee).

GRANT SHARE = \$500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a two-day training that will be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Costs include: Breakfast - \$51.00 (3 people x 2 days x \$8.50), Lunch - \$51.00 (3 people x 2 days x \$8.50), Dinner - \$114.00 (3 people x 2 days x \$19.00), Lodging - \$170.00 (2 people x 1 night x \$85) and Lodging costs above the allotted \$85 (Match) - \$9.00 (2 people x 1 night x \$4.50).

GRANT SHARE = \$386.00 MATCH SHARE = \$9.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Polarized Light Microscopy

Training Location

TBD

Maximum Participants

3

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$5,985.00	\$5,985.00	\$0.00
Travel	\$4,812.00	\$3,837.00	\$975.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$11,227.61	\$9,822.00	\$1,405.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

POLARIZED LIGHT MICROSCOPY

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$5,985.00 (3 people x \$1,995.00).

GRANT SHARE = \$5,985.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,770.00 (3 people x \$590.00), Breakfast - \$184.50 (3 people x 6 days x \$10.25), Lunch - \$184.50 (3 people x 6 days x \$10.25), Dinner - \$423.00 (3 people x 6 days x \$23.50), Lodging - \$1,275.00 (3 people x 5 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$975.00 (3 people x 5 nights x \$65.00).

GRANT SHARE = \$3,837.00 MATCH SHARE = \$975.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Midwest Crime Laboratory Directors Training

Training Location
TBD

Maximum Participants 6	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 24	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$481.83	\$0.00	\$481.83
Contractual Services	\$	\$	\$
Tuition	\$3,000.00	\$3,000.00	\$0.00
Travel	\$7,020.00	\$6,060.00	\$960.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$10,501.83	\$9060.00	\$1,441.83

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MIDWEST CRIME LABORATORY DIRECTORS TRAINING

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$481.83

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,000.00 (6 people x \$500.00).

GRANT SHARE = \$3,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in a location yet to be determined and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$2,700.00 (6 people x \$450.00), Breakfast - \$307.50 (6 people x 5 days x \$10.25), Lunch - \$307.50 (6 people x 5 days x \$10.25), Dinner - \$705.00 (6 people x 5 days x \$23.50), Lodging - \$2,040.00 (6 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$960.00 (6 people x 4 nights x \$40.00).

GRANT SHARE = \$6,060.00 MATCH SHARE = \$960.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Mass Spectral Interpretation Online Course

Training Location

Online

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

18

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$1,600.00	\$1,600.00	\$0.00
Travel	\$	\$	\$
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$2,030.61	\$1,600.00	\$430.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

MASS SPECTRAL INTERPRETATION ONLINE COURSE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,600.00 (1 people x \$1,600.00).

GRANT SHARE = \$1,600.00 MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Paint Analysis

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$3,990.00	\$3,990.00	\$0.00
Travel	\$2,760.00	\$2,240.00	\$520.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$7,180.61	\$6,230.00	\$950.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

PAINT ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,990.00 (2 people x \$1,995.00).

GRANT SHARE = \$3,990.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$102.50 (2 people x 5 days x \$10.25), Lunch - \$102.50 (2 people x 5 days x \$10.25), Dinner - \$235.00 (2 people x 5 days x \$23.50), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$520.00 (2 people x 4 nights x \$65.00).

GRANT SHARE = \$2,240.00 MATCH SHARE = \$520.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Fire Debris Analysis Online Course

Training Location

Online

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

40

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$258.37	\$0.00	\$258.37
Contractual Services	\$	\$	\$
Tuition	\$1,000.00	\$1,000.00	\$0.00
Travel	\$	\$	\$
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$1,258.37	\$1,000.00	\$258.37

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FIRE DEBRIS ANALYSIS ONLINE COURSE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$258.37

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,000.00 (2 people x \$500.00).

GRANT SHARE = \$1,000.00 MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Explosives Analysis

Training Location
TBD

Maximum Participants 2	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 40	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$3,990.00	\$3,990.00	\$0.00
Travel	\$2,760.00	\$2,240.00	\$520.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$7,094.49	\$6,230.00	\$864.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

EXPLOSIVES ANALYSIS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,990.00 (2 people x \$1,995.00).

GRANT SHARE = \$3,990.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a five-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$102.50 (2 people x 5 days x \$10.25), Lunch - \$102.50 (2 people x 5 days x \$10.25), Dinner - \$235.00 (2 people x 5 days x \$23.50), Lodging - \$680.00 (2 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$520.00 (2 people x 4 nights x \$65.00).

GRANT SHARE = \$2,240.00 MATCH SHARE = \$520.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
ISEE Conference

Training Location
Orlando, FL

Maximum Participants 1	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 36	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$900.00	\$900.00	\$0.00
Travel	\$1,480.00	\$1,220.00	\$260.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$2,724.49	\$2,120.00	\$604.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ISEE CONFERENCE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$900.00 (1 people x \$900.00).

GRANT SHARE = \$900.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-and-a-half-day training to be held in Orlando, FL and one employee is budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$660.00 (1 people x \$660.00), Breakfast - \$51.25 (1 people x 5 days x \$10.25), Lunch - \$51.25 (1 people x 5 days x \$10.25), Dinner - \$117.50 (1 people x 5 days x \$23.50), Lodging - \$340.00 (1 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$260.00 (1 people x 4 nights x \$65.00).

GRANT SHARE = \$1,220.00 MATCH SHARE = \$260.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Ion Chromatography

Training Location

TBD

Maximum Participants

2

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

32

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$430.61	\$0.00	\$430.61
Contractual Services	\$	\$	\$
Tuition	\$3,000.00	\$3,000.00	\$0.00
Travel	\$2,372.00	\$1,982.00	\$390.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$5,802.61	\$4,982.00	\$820.61

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

ION CHROMATOGRAPHY

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$430.61

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$3,000.00 (2 people x \$1,500.00).

GRANT SHARE = \$3,000.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-day training to be held in a location yet to be determined and two employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,120.00 (2 people x \$560.00), Breakfast - \$82.00 (2 people x 4 days x \$10.25), Lunch - \$82.00 (2 people x 4 days x \$10.25), Dinner - \$188.00 (2 people x 4 days x \$23.50), Lodging - \$510.00 (2 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$390.00 (2 people x 3 nights x \$65.00).

GRANT SHARE = \$1,982.00 MATCH SHARE = \$390.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title SAFDE			
Training Location TBD			
Maximum Participants 3	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 24	Number of Sessions 1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$344.49	\$0.00	\$344.49
Contractual Services	\$	\$	\$
Tuition	\$825.00	\$825.00	\$0.00
Travel	\$3,758.00	\$3,173.00	\$585.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$4,927.49	\$3,998.00	\$929.49

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SAFDE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$344.49

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$825.00 (3 people x \$275.00).

GRANT SHARE = \$825.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in a location yet to be determined and three employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$1,880.00 (3 people x \$510.00 + \$350.00 for parking and shuttle), Breakfast - \$123.00 (3 people x 4 days x \$10.25), Lunch - \$123.00 (3 people x 4 days x \$10.25), Dinner - \$282.00 (3 people x 4 days x \$23.50), Lodging - \$765.00 (3 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$585.00 (3 people x 3 nights x \$65.00).

GRANT SHARE = \$3,173.00 MATCH SHARE = \$585.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Print Process Identification Forensic Document Examiners Conference

Training Location

Charlotte, NC

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

32

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$258.37	\$0.00	\$258.37
Contractual Services	\$	\$	\$
Tuition	\$1,500.00	\$1,500.00	\$0.00
Travel	\$1,530.00	\$1,270.00	\$260.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$3,288.37	\$2,770.00	\$518.37

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

PRINT PROCESS IDENTIFICATION FORENSIC DOCUMENT EXAMINERS CONFERENCE

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$258.37

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,500.00 (1 people x \$1,500.00).

GRANT SHARE = \$1,500.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-day training to be held in Charlotte, NC and one employee is budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$710.00 (1 people x \$710.00), Breakfast - \$51.25 (1 people x 5 days x \$10.25), Lunch - \$51.25 (1 people x 5 days x \$10.25), Dinner - \$117.50 (1 people x 5 days x \$23.50), Lodging - \$340.00 (1 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$260.00 (1 people x 4 nights x \$65.00).

GRANT SHARE = \$1,270.00 MATCH SHARE = \$260.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

Fit Testing Refresher and Advanced Topics

Training Location

Cincinnati, OH

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

24

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$225.28	\$0.00	\$225.28
Contractual Services	\$	\$	\$
Tuition	\$790.00	\$790.00	\$0.00
Travel	\$655.00	\$460.00	\$195.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total <i>Per Session</i> Costs	\$	\$	\$
Total <i>Course</i> Costs	\$1,670.28	\$1,250.00	\$420.28

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

FIT TESTING REFRESHER AND ADVANCED TOPICS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00

MATCH SHARE = \$225.28

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$790.00 (1 people x \$790.00).

GRANT SHARE = \$790.00

MATCH SHARE = \$0.00

Travel (Trainee): This is a three-day training to be held in Cincinnati, OH and one employee is budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Breakfast - \$52.00 (1 people x 4 days x \$13.00), Lunch - \$52.00 (1 people x 4 days x \$13.00), Dinner - \$101.00 (1 people x 4 days x \$25.25), Lodging - \$255.00 (1 people x 3 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$195.00 (1 people x 3 nights x \$65.00).

GRANT SHARE = \$460.00

MATCH SHARE = \$195.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00

MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title

American Industrial Hygiene Conference and Expo

Training Location

Online

Maximum Participants

1

Minimum Participants (2/3 of Max)

NA

Hours of Training Per Session

24

Number of Sessions

1

Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$225.28	\$0.00	\$225.28
Contractual Services	\$	\$	\$
Tuition	\$599.00	\$599.00	\$0.00
Travel	\$	\$	\$
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$824.28	\$599.00	\$225.28

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

AMERICAN INDUSTRIAL HYGIENE CONFERENCE AND EXPO

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00

MATCH SHARE = \$225.28

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$599.00 (1 people x \$599.00).

GRANT SHARE = \$599.00

MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00

MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00

MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
Shot Show

Training Location
Las Vegas, NV

Maximum Participants 6	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 32	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$324.09	\$0.00	\$324.09
Contractual Services	\$	\$	\$
Tuition	\$1,050.00	\$1,050.00	\$0.00
Travel	\$13,237.50	\$8,077.50	\$5,160.00
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$14,611.59	\$9,127.50	\$5,484.09

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SHOT SHOW

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$324.09

Contractual Services: No funds will be used for contractual services.

Tuition: There is registration fee to attend this training. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. The registration cost is \$1,050.00 (6 people x \$175.00).

GRANT SHARE = \$1,050.00 MATCH SHARE = \$0.00

Travel (Trainee): This is a four-day training to be held in Las Vegas, NV and six employees are budgeted to attend. Although a concentrated effort is made to bring programs into Michigan when feasible, FSD cannot meet its training requirements through established state government or in-house programs; therefore, training must be taken advantage of when and where programs are offered. Travel Costs include: Airfare/Other - \$4,500.00 (6 people x \$750.00), Breakfast - \$390.00 (6 people x 5 days x \$13.00), Lunch - \$390.00 (6 people x 5 days x \$13.00), Dinner - \$757.50 (6 people x 5 days x \$25.25), Lodging - \$2,040.00 (6 people x 4 nights x \$85) and Lodging costs above the allotted \$85 (Match) - \$5,160.00 (6 people x 4 nights x \$215.00).

GRANT SHARE = \$8,077.50 MATCH SHARE = \$5,160.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 3 – COURSE DETAIL

Complete the Course Detail section for **each topic/course** included in your proposal. Copy and insert this page into your application as many times as needed.

Refer to Page 20 of the Grant Manual

Course Details

Course Title
SOFT Continuing Education Workshops

Training Location
TBD

Maximum Participants TBD	Minimum Participants (2/3 of Max) NA	Hours of Training Per Session 1-8	Number of Sessions 1
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Cost Breakdown

<i>Per Session Costs</i>	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>
Personnel	\$265.31	\$0.00	\$265.31
Contractual Services	\$	\$	\$
Tuition	\$10,000.00	\$10,000.00	\$0.00
Travel	\$	\$	\$
Supplies & Operating	\$	\$	\$
Equipment	\$	\$	\$
Total Per Session Costs	\$	\$	\$
Total Course Costs	\$10,265.31	\$10,000.00	\$265.31

NOTES:

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

SOFT CONTINUING EDUCATION WORKSHOPS

Personnel: Costs for personnel are administrative costs for researching the training, determining the expenses, soliciting the availability of attendees, completing forms for approvals and working with the grant administrator to ensure compliance with the grant guidelines.

GRANT SHARE = \$0.00 MATCH SHARE = \$265.31

Contractual Services: No funds will be used for contractual services.

Tuition: Society of Forensic Toxicologists recognizes the need to provide continuing education for forensic toxicologists and offers many training opportunities in this realm throughout the year, however, these trainings and fees have not yet been determined. There are registration fees to attend these courses. The registration cost is \$10,000.00.

GRANT SHARE = \$10,000.00 MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 4 - COST JUSTIFICATION

The cost justification section is the bridge between the project narrative and the budget detail. Describe the proposed expenditures for each course offering or topic separately. Explain the proposed expenditures (both grant and match) and why the costs are necessary. Provide sufficient detail to justify the expenditures and to support the calculations that are shown in the budget detail. If a student fee will be charged, specify the amount per student.

Refer to Page 20 of the Grant Manual

GRANT ADMINISTRATION

Personnel: The grant administrator is the person who oversees the entire grant and is responsible for soliciting training proposals, prioritizing trainings, writing the grant application, and completing the budget detail. They ensure that we are adhering to the grant guidelines and procedures throughout the year, track expenses, reconcile discrepancies, complete and submit quarterly reports to MCOLES, field questions from employees regarding grant compliance, pay invoices, and review expense reports.

GRANT SHARE = \$0.00 MATCH SHARE = \$110,185.20

Contractual Services: No funds will be used for contractual services.

Tuition: No funds will be used for tuition.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Travel (Trainee): No funds will be used for travel.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Supplies & Operating: No funds will be used for Supplies & Operating.

GRANT SHARE = \$0.00 MATCH SHARE = \$0.00

Equipment: No funds will be used for equipment.

SECTION 5 - APPLICANT PRIORITIES

Prioritize the components of your application in descending order. Include the GRANT COSTS and MATCH COSTS. Single topic applications should list priorities by sessions or category expenditures. If the application contains more than one training topic, prioritize by topic. If more than one grant application is being submitted by an agency, prioritize the list of applications. The applicant's list of priorities will be followed to the highest degree possible; however, Commission priorities take precedence over a grantee's priorities.

BE SURE TO PROVIDE ACTUAL COSTS FOR EACH TOPIC.

Copy and insert this page into your application as many times as needed.

Refer to Page 21 of the Grant Manual

HIGHEST TO LOWEST PRIORITY:

Priority	Forensic Science Training Courses	Grant Share	Match Share
1	ANAB Training	\$ 13,085.50	\$ 553.21
2	ASCLD Symposium	\$ 18,462.50	\$ 3,068.19
3	MAFS Training	\$ 47,831.00	\$ 16,476.74
4	Digital Imaging	\$ 13,745.00	\$ 1,969.49
5	SOFT Training	\$ 12,412.50	\$ 3,228.75
6	Palm Print Comparison Techniques	\$ 4,393.00	\$ 286.23
7	AFTE Training	\$ 16,308.00	\$ 4,572.12
8	Shooting Incident Reconstruction	\$ 29,380.00	\$ 1,420.47
9	DEA Forensic Chemist Seminar	\$ 2,148.50	\$ 1,165.92
10	ASQDE Training	\$ 3,498.00	\$ 411.99
11	AFQAM Training Conference	\$ 10,880.00	\$ 1,611.93
12	Expert Witness	\$ 8,130.00	\$ 4,444.09
13	AAFS Training	\$ 19,075.00	\$ 7,602.29
14	Analysis of Distortion in Latent Prints	\$ 4,168.00	\$ 450.06
15	Fiber Analysis	\$ 6,298.00	\$ 994.49
16	Crime Scene Reconstruction I	\$ 27,571.50	\$ 1,783.66
17	CLIC Training	\$ 11,844.00	\$ 3,054.55
18	MATT Drug Monitoring Training	\$ 6,060.00	\$ 1,503.75
19	Federal and Winchester Ammunition Tour	\$ 10,020.00	\$ 1,624.09
20	IAI Conference	\$ 31,888.00	\$ 841.56
21	Technician Witness	\$ 4,008.00	\$ 3,333.07
22	Footwear Analysis	\$ 5,240.00	\$ 864.49
23	Essential Ridgeology Techniques	\$ 5,767.00	\$ 477.06
24	Mass Fatality Incident Exercise	\$ 5,088.00	\$ 2,561.88
25	Spectral Interpretation Applications	\$ 6,848.00	\$ 1,254.55
26	Glock and Beretta Tours	\$ 6,086.00	\$ 1,944.09
27	Fire Debris Analysis	\$ 6,230.00	\$ 950.61
28	The Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior	\$ 8,667.00	\$ 2,167.19
29	Understanding Exclusion and Sufficiency Decisions	\$ 5,767.00	\$ 395.15
30	Advanced Shooting Incident Reconstruction	\$ 8,540.00	\$ 2,196.21
31	Advanced Bloodstain Pattern Analysis	\$ 2,649.00	\$ 756.83
32	Advanced Fire Debris Analysis	\$ 6,230.00	\$ 950.61
33	Advanced ACE-V Applications for Fingerprint Examiners	\$ 8,345.00	\$ 522.06
34	Sig Sauer and Remington Ammunition Manufacturer Tour	\$ 10,020.00	\$ 1,624.09
35	Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework	\$ 2,840.00	\$ 703.19
36	Advanced Footwear Analysis	\$ 10,300.00	\$ 1,644.49

37	Detection of Forgery and Fabricated Latent Prints	\$ 15,312.00	\$ 426.65
38	Midwest Firearms Training Seminar	\$ 2,586.00	\$ 1,602.12
39	IABPA Conference	\$ 4,332.50	\$ 794.55
40	Advanced Fire Debris Online Course	\$ 1,000.00	\$ 258.37
41	Logical Latent Print Analysis	\$ 5,804.00	\$ 445.56
42	Tire Analysis	\$ 10,280.00	\$ 1,384.49
43	Comparison of Sole Impressions	\$ 886.00	\$ 418.56
44	Polarized Light Microscopy	\$ 9,822.00	\$ 1,405.61
45	Midwest Crime Laboratory Directors Training	\$ 9,060.00	\$ 1,441.83
46	Mass Spectral Interpretation Online Course	\$ 1,600.00	\$ 430.61
47	Paint Analysis	\$ 6,230.00	\$ 950.61
48	Fire Debris Analysis Online Course	\$ 1,000.00	\$ 258.37
49	Explosives Analysis	\$ 6,230.00	\$ 864.49
50	ISEE Conference	\$ 2,120.00	\$ 604.49
51	Ion Chromatography	\$ 4,982.00	\$ 820.61
52	SAFDE	\$ 3,998.00	\$ 929.49
53	Print Process Identification Forensic Document Examiners Conference	\$ 2,770.00	\$ 518.37
54	Fit Testing Refresher and Advanced Topics	\$ 1,250.00	\$ 420.28
55	American Industrial Hygiene Conference and Expo	\$ 599.00	\$ 225.28
56	Shot Show	\$ 9,127.50	\$ 5,484.09
57	SOFT Continuing Education Workshops	\$ 10,000.00	\$ 265.31
58	Grant Administrative Costs	\$ -	\$ 110,185.20
Grand Total:		\$508,812.50	\$209,544.09

CERTIFICATE OF CONSORTIUM MEMBERSHIP

The Certifying Official shall be the individual who administers consortium activities and has the authority to act on behalf of the consortium. Attach paperwork supporting the Consortium Membership to this document.

Identification:

1. Applicant Agency: Michigan State Police
2. Consortium: Statewide Provider

Consortium:

3. Consortium Structure: Michigan State Police Forensic Science Division consists of seven laboratories located throughout the State of Michigan.
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4. Geographic Region Served by the Consortium: Statewide

5. Member Agencies: Consists of the following eight forensic science laboratories: Bridgeport Laboratory Grand Rapids Laboratory Grayling Laboratory Lansing Laboratory Marquette Laboratory Metro Detroit Laboratory Northville Laboratory
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6. Financial Commitment from Member Agencies: \$718,356.59

Certification:

I certify, on behalf of the consortium, the information contained in this document is complete, accurate and, in compliance with the requirements of the Michigan Commission on Law Enforcement Standards.

Printed Name of Certifying Official Jeffrey Nye	Title of Certifying Official Director
Signature of Certifying Official	Date 5/22/20

Other consortium certification may be submitted as addendum files.

MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS
Michigan State Police, Forensic Science Training
2021 Proposed Budget Detail

Personnel	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ 141,987.09	\$ -	\$ 141,987.09	

Contractual	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ -	\$ -	\$ -	

Tuition	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ 218,449.00	\$ 218,449.00	\$ -	

Travel-Employee	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ -	\$ -	\$ -	

Travel-Contractor	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ -	\$ -	\$ -	

Travel-Trainee	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ 346,920.50	\$ 279,363.50	\$ 67,557.00	

Supplies & Operating	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ 11,000.00	\$ 11,000.00	\$ -	

Equipment	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ -	\$ -	\$ -	

GRANT TOTALS	<i>Total Costs</i>	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	\$ 718,356.59	\$ 508,812.50	\$ 209,544.09	

Percentage of Total Costs	<i>Grant Share</i>	<i>Match Share</i>	<i>Comments:</i>
	70.8%	29.2%	

MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

PERSONNEL

Salary and Fringe Benefits

Course Employee Name	Assignment	Hourly Rate	Dev. Hours	Prep. Hours	Inst. Hours	Admin. Hours	Total Salary	Fringe Rate	Fringe	Total Cost	Grant Share	Match Share
ANAB Training - Jeffrey Nye	Program Administrator	\$ 64.65				5	\$ 323.25	0.711	\$ 229.96	\$ 553.21		\$ 553.21
ASCLD Symposium - Connie Swander	Program Administrator	\$ 54.07				5	\$ 270.35	0.732	\$ 197.84	\$ 468.19		\$ 468.19
MAFS Training - Cheryl Lozen	Program Administrator	\$ 49.14				6	\$ 294.84	0.753	\$ 221.90	\$ 516.74		\$ 516.74
Digital Imaging - Cheryl Lozen	Program Administrator	\$ 49.14				4	\$ 196.56	0.753	\$ 147.93	\$ 344.49		\$ 344.49
SOFT Training - Nicholas Fillingier	Program Administrator	\$ 49.14				4	\$ 196.56	0.800	\$ 157.19	\$ 353.75		\$ 353.75
Palm Print Comparison Techniques - Tracee McIntosh	Program Administrator	\$ 49.14				3	\$ 147.42	0.667	\$ 98.31	\$ 245.73		\$ 245.73
AFTE Training - Andy Carriveau	Program Administrator	\$ 49.14				4	\$ 196.56	1.198	\$ 235.56	\$ 432.12		\$ 432.12
Shooting Incident Reconstruction - Guy Nutter	Program Administrator	\$ 49.14				7	\$ 343.98	0.804	\$ 276.49	\$ 620.47		\$ 620.47
DEA Forensic Chemist Seminar - Elizabeth Gormley	Program Administrator	\$ 49.14				3	\$ 147.42	0.804	\$ 118.50	\$ 265.92		\$ 265.92
ASQDE Training - Cheryl Lozen	Program Administrator	\$ 49.14				4	\$ 196.56	0.753	\$ 147.93	\$ 344.49		\$ 344.49
AFQAM Training - Jeffrey Nye	Program Administrator	\$ 64.65				3	\$ 193.95	0.711	\$ 137.98	\$ 331.93		\$ 331.93
Expert Witness - Carrie Holka	Program Administrator	\$ 43.52				56	\$ 2,437.12	0.824	\$ 2,006.97	\$ 4,444.09		\$ 4,444.09
AAFS Training - Charles Morden	Program Administrator	\$ 54.07				5	\$ 270.35	1.228	\$ 331.94	\$ 602.29		\$ 602.29
Analysis of Distortion in Latent Prints - Tracee McIntosh	Program Administrator	\$ 49.14				5	\$ 245.70	0.667	\$ 163.86	\$ 409.56		\$ 409.56
Fiber Analysis - Cheryl Lozen	Program Administrator	\$ 49.14				4	\$ 196.56	0.753	\$ 147.93	\$ 344.49		\$ 344.49
Crime Scene Reconstruction I - Guy Nutter	Program Administrator	\$ 49.14				12	\$ 589.68	0.804	\$ 473.98	\$ 1,063.66		\$ 1,063.66
CLIC Training - Elizabeth Gormley	Program Administrator	\$ 49.14				4	\$ 196.56	0.804	\$ 157.99	\$ 354.55		\$ 354.55

MATT Drug Monitoring Training - Nicholas Fillinger	Program Administrator	\$ 49.14				4	\$ 196.56	0.800	\$ 157.19	\$ 353.75		\$ 353.75
Federal and Winchester Ammunition Tour - Andy Carriveau	Program Administrator	\$ 49.14				3	\$ 147.42	1.198	\$ 176.67	\$ 324.09		\$ 324.09
IAI Conference - Tracee McIntosh	Program Administrator	\$ 49.14				5	\$ 245.70	0.667	\$ 163.86	\$ 409.56		\$ 409.56
Technician Witness - Carrie Holka	Program Administrator	\$ 43.52				42	\$ 1,827.84	0.824	\$ 1,505.23	\$ 3,333.07		\$ 3,333.07
Footwear Analysis - Cheryl Lozen	Program Administrator	\$ 49.14				4	\$ 196.56	0.753	\$ 147.93	\$ 344.49		\$ 344.49
Essential Ridgeology Techniques - Tracee McIntosh	Program Administrator	\$ 49.14				5	\$ 245.70	0.667	\$ 163.86	\$ 409.56		\$ 409.56
Mass Fatality Incident Exercise - Guy Nutter	Program Administrator	\$ 49.14				28	\$ 1,375.92	0.804	\$ 1,105.96	\$ 2,481.88		\$ 2,481.88
Spectral Interpretation Applications - Elizabeth Gormley	Program Administrator	\$ 49.14				4	\$ 196.56	0.804	\$ 157.99	\$ 354.55		\$ 354.55
Glock and Beretta Tours - Andy Carriveau	Program Administrator	\$ 49.14				3	\$ 147.42	1.198	\$ 176.67	\$ 324.09		\$ 324.09
Fire Debris Analysis - Cheryl Lozen	Program Administrator	\$ 49.14				5	\$ 245.70	0.753	\$ 184.91	\$ 430.61		\$ 430.61
Robert Borkestein Course on the Effects of Drugs on Human Performance and Behavior - Nicholas Fillinger	Program Administrator	\$ 49.14				5	\$ 245.70	0.800	\$ 196.49	\$ 442.19		\$ 442.19
Understanding Exclusion and Sufficiency Decisions - Tracee McIntosh	Program Administrator	\$ 49.14				4	\$ 196.56	0.667	\$ 131.09	\$ 327.65		\$ 327.65
Advanced Shooting Incident Reconstruction - Andy Carriveau	Program Administrator	\$ 49.14				7	\$ 343.98	1.198	\$ 412.23	\$ 756.21		\$ 756.21
Advanced Bloodstain Pattern Analysis - Guy Nutter	Program Administrator	\$ 49.14				6	\$ 294.84	0.804	\$ 236.99	\$ 531.83		\$ 531.83
Advanced Fire Debris Analysis - Cheryl Lozen	Program Administrator	\$ 49.14				5	\$ 245.70	0.753	\$ 184.91	\$ 430.61		\$ 430.61
Advanced ACE-V Applications for Fingerprint Examiner - Tracee McIntosh	Program Administrator	\$ 49.14				5	\$ 245.70	0.667	\$ 163.86	\$ 409.56		\$ 409.56
Sig Sauer and Remington Ammunition Manufacturer Tour - Andy Carriveau	Program Administrator	\$ 49.14				3	\$ 147.42	1.198	\$ 176.67	\$ 324.09		\$ 324.09

Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework - Guy Nutter	Program Administrator	\$ 49.14					5	\$ 245.70	0.804	\$ 197.49	\$ 443.19	\$ 443.19
Advanced Footwear Analysis - Cheryl Lozen	Program Administrator	\$ 49.14					4	\$ 196.56	0.753	\$ 147.93	\$ 344.49	\$ 344.49
Detection of Forgery and Fabricated Latent Prints - Tracee McIntosh	Program Administrator	\$ 49.14					4	\$ 196.56	0.667	\$ 131.09	\$ 327.65	\$ 327.65
Midwest Firearms Training Seminar - Andy Carriveau	Program Administrator	\$ 49.14					4	\$ 196.56	1.198	\$ 235.56	\$ 432.12	\$ 432.12
IABPA Conference - Guy Nutter	Program Administrator	\$ 49.14					4	\$ 196.56	0.804	\$ 157.99	\$ 354.55	\$ 354.55
Advanced Fire Debris Online Course - Cheryl Lozen	Program Administrator	\$ 49.14					3	\$ 147.42	0.753	\$ 110.95	\$ 258.37	\$ 258.37
Logical Latent Print Analysis - Tracee McIntosh	Program Administrator	\$ 49.14					5	\$ 245.70	0.667	\$ 163.86	\$ 409.56	\$ 409.56
Tire Analysis - Cheryl Lozen	Program Administrator	\$ 49.14					4	\$ 196.56	0.753	\$ 147.93	\$ 344.49	\$ 344.49
Comparison of Sole Impressions - Tracee McIntosh	Program Administrator	\$ 49.14					5	\$ 245.70	0.667	\$ 163.86	\$ 409.56	\$ 409.56
Polarized Light Microscopy - Cheryl Lozen	Program Administrator	\$ 49.14					5	\$ 245.70	0.753	\$ 184.91	\$ 430.61	\$ 430.61
Midwest Crime Laboratory Directors Training - Jason Welch	Program Administrator	\$ 54.07					4	\$ 216.28	1.228	\$ 265.55	\$ 481.83	\$ 481.83
Mass Spectral Interpretation Online Course - Cheryl Lozen	Program Administrator	\$ 49.14					5	\$ 245.70	0.753	\$ 184.91	\$ 430.61	\$ 430.61
Paint Analysis - Cheryl Lozen	Program Administrator	\$ 49.14					5	\$ 245.70	0.753	\$ 184.91	\$ 430.61	\$ 430.61
Fire Debris Analysis Online Course - Cheryl Lozen	Program Administrator	\$ 49.14					3	\$ 147.42	0.753	\$ 110.95	\$ 258.37	\$ 258.37
Explosives Analysis - Cheryl Lozen	Program Administrator	\$ 49.14					4	\$ 196.56	0.753	\$ 147.93	\$ 344.49	\$ 344.49
ISEE Conference - Cheryl Lozen	Program Administrator	\$ 49.14					4	\$ 196.56	0.753	\$ 147.93	\$ 344.49	\$ 344.49
Ion Chromatography - Cheryl Lozen	Program Administrator	\$ 49.14					5	\$ 245.70	0.753	\$ 184.91	\$ 430.61	\$ 430.61
SAFDE - Cheryl Lozen	Program Administrator	\$ 49.14					4	\$ 196.56	0.753	\$ 147.93	\$ 344.49	\$ 344.49
Print Process Identification Forensic Document Examiners Conference - Cheryl Lozen	Program Administrator	\$ 49.14					3	\$ 147.42	0.753	\$ 110.95	\$ 258.37	\$ 258.37

Fit Testing Refresher and Advanced Topics - Robert Kirkby	Program Administrator	\$ 42.34				3	\$ 127.02	0.774	\$ 98.26	\$ 225.28		\$ 225.28
American Industrial Hygiene Conference and Expo - Robert Kirkby	Program Administrator	\$ 42.34				3	\$ 127.02	0.774	\$ 98.26	\$ 225.28		\$ 225.28
Shot Show - Andy Carriveau	Program Administrator	\$ 49.14				3	\$ 147.42	1.198	\$ 176.67	\$ 324.09		\$ 324.09
SOFT Continuing Education Workshops - Nicholas Fillinger	Program Administrator	\$ 49.14				3	\$ 147.42	0.800	\$ 117.89	\$ 265.31		\$ 265.31
Nicole Marsh	Project Administrator	\$ 28.92				2000	\$ 57,840.00	0.905	\$ 52,345.20	\$ 110,185.20		\$ 110,185.20
							\$ -		\$ -	\$ -		
							\$ -		\$ -	\$ -		

TOTAL PERSONNEL										\$141,987.09	\$0.00	\$141,987.09
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MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

***CONTRACTUAL
Contractor Fees***

Contractor Name	Course	Hourly Rate	Dev. Hours	Prep. Hours	Inst. Hours	Admin. Hours	Total Cost	Grant Share	Match Share
							\$ -		
							\$ -		
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TOTAL CONTRACTUAL							\$0.00	\$0.00	\$0.00
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Rev. 03/2020

MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

TUITION

Cost per Student

Training Provider	Course	Number of Students	Cost per Student	Total Cost	Grant Share	Match Share
ANSI National Accreditation Board	ANAB Training	20	Flat Rate	\$ 10,000.00	\$ 10,000.00	\$ -
American Society of Crime Laboratory Directors	ASCLD Symposium	10	\$ 700.00	\$ 7,000.00	\$ 7,000.00	
Midwestern Association of Forensic Scientists	MAFS Training	28	\$ 1,015.00	\$ 28,420.00	\$ 28,420.00	
TBD	Digital Imaging	5	\$ 1,500.00	\$ 7,500.00	\$ 7,500.00	
Society Of Forensic Toxicologists	SOFT Training	5	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	
Ron Smith and Associates	Palm Print Comparison Techniques	3	\$ 400.00	\$ 1,200.00	\$ 1,200.00	
Association of Firearm and Tool Mark Examiners	AFTE Training	6	\$ 1,100.00	\$ 6,600.00	\$ 6,600.00	
Forensic Training Source	Shooting Incident Reconstruction	16	Flat Rate	\$ 15,000.00	\$ 15,000.00	
American Society of Questioned Document Examiners	ASQDE Training	3	\$ 525.00	\$ 1,575.00	\$ 1,575.00	
Association of Forensic Quality Assurance Managers	AFQAM Training	8	\$ 250.00	\$ 2,000.00	\$ 2,000.00	
American Academy of Forensic Sciences	AAFS Training	10	\$ 725.00	\$ 7,250.00	\$ 7,250.00	
Evolve Forensics	Analysis of Distortion in Latent Prints	3	\$ 325.00	\$ 975.00	\$ 975.00	
TBD	Fiber Analysis	2	\$ 1,900.00	\$ 3,800.00	\$ 3,800.00	
Bevel, Gardner & Associates	Crime Scene Reconstruction I	24	\$ 601.00	\$ 14,424.00	\$ 14,424.00	
Clandestine Laboratory Investigating Chemists	CLIC Training	6	\$ 750.00	\$ 4,500.00	\$ 4,500.00	
Midwest Association of Toxicology and Therapeutic Drug Monitoring	MATT Drug Monitoring Training	5	\$ 160.00	\$ 800.00	\$ 800.00	
International Association for Identification	IAI Conference	16	\$ 625.00	\$ 10,000.00	\$ 10,000.00	
TBD	Footwear Analysis	2	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	
Ron Smith and Associates	Essential Ridgeology Techniques	3	\$ 600.00	\$ 1,800.00	\$ 1,800.00	
Unity Lab Services	Spectral Interpretation Applications	2	\$ 2,200.00	\$ 4,400.00	\$ 4,400.00	
TBD	Fire Debris Analysis	2	\$ 1,995.00	\$ 3,990.00	\$ 3,990.00	

Indiana University Center for Studies of Law in Action	Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior	3	\$ 1,500.00	\$ 4,500.00	\$ 4,500.00	
Ron Smith and Associates	Understanding Exclusion and Sufficiency Decisions	3	\$ 600.00	\$ 1,800.00	\$ 1,800.00	
Forensic Training Source	Advanced Shooting Incident Reconstruction	4	\$ 1,000.00	\$ 4,000.00	\$ 4,000.00	
TBD	Advanced Bloodstain Pattern Analysis	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	
TBD	Advanced Fire Debris Analysis	2	\$ 1,995.00	\$ 3,990.00	\$ 3,990.00	
Ron Smith and Associates	Advanced ACE-V Applications for Fingerprint Examiner	5	\$ 600.00	\$ 3,000.00	\$ 3,000.00	
Miami-Dade Public Safety Training Institute	Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework	1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	
TBD	Advanced Footwear Analysis	5	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	
TriTech Forensics	Detection of Forgery and Fabricated Latent Prints	11	\$ 500.00	\$ 5,500.00	\$ 5,500.00	
International Association of Bloodstain Pattern Analysts	IABPA Conference	2	\$ 800.00	\$ 1,600.00	\$ 1,600.00	
National Center for Forensic Science, University of Central Florida, College of Sciences	Advanced Fire Debris Online Course	2	\$ 500.00	\$ 1,000.00	\$ 1,000.00	
TriTech Forensics	Logical Latent Print Analysis	4	\$ 349.00	\$ 1,396.00	\$ 1,396.00	
TBD	Tire Analysis	4	\$ 1,500.00	\$ 6,000.00	\$ 6,000.00	
Michigan State Police Forensic Science Division and Amanda Crooker	Comparison of Sole Impressions	3	Flat Rate	\$ 500.00	\$ 500.00	
TBD	Polarized Light Microscopy	3	\$ 1,995.00	\$ 5,985.00	\$ 5,985.00	
Midwest Crime Laboratory Directors	Midwest Crime Laboratory Directors Training	6	\$ 500.00	\$ 3,000.00	\$ 3,000.00	
TBD	Mass Spectral Interpretation Online Course	1	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	
TBD	Paint Analysis	2	\$ 1,995.00	\$ 3,990.00	\$ 3,990.00	
National Center for Forensic Science, University of Central Florida, College of Sciences	Fire Debris Analysis Online Course	2	\$ 500.00	\$ 1,000.00	\$ 1,000.00	
TBD	Explosives Analysis	2	\$ 1,995.00	\$ 3,990.00	\$ 3,990.00	
International Society of Explosives Engineers	ISEE Conference	1	\$ 900.00	\$ 900.00	\$ 900.00	
TBD	Ion Chromatography	2	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	
Southern Association of Forensic Document Examiners	SAFDE	3	\$ 275.00	\$ 825.00	\$ 825.00	

Print Process Identification Forensic Document Examiners	Print Process Identification Forensic Document Examiners Conference	1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	
Unversity of Cincinnati	Fit Testing Refresher and Advanced Topics	1	\$ 790.00	\$ 790.00	\$ 790.00	
American Industrial Hygiene Association (AIHA) and American Conference of Governmental Industrial Hygienists (ACGIH)	American Industrial Hygiene Conference and Expo	1	\$ 599.00	\$ 599.00	\$ 599.00	
Firearms Industry Trade Association	Shot Show	6	\$ 175.00	\$ 1,050.00	\$ 1,050.00	
Society of Forensic Toxicologists	SOFT Continuing Education Workshops	TBD	TBD	\$ 10,000.00	\$ 10,000.00	
				\$ -		
				\$ -		
				\$ -		
				\$ -		
				\$ -		

TOTAL TUITION				\$218,449.00	\$218,449.00	\$0.00
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MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

TRAVEL
Employee

Course Employee Name	Mileage			Lodging			Breakfast		Lunch			Dinner			Airfare/ Other	Total Cost	Grant Share	Match Share
	Miles	Rate 0.34	Total	#	Rate \$85.00	Total	#	Cost	Total	#	Cost	Total	#	Cost				
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TOTAL EMPLOYEE TRAVEL			\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00

MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

TRAVEL
Contractor

Table with columns for Course, Contractor Name, Mileage (Miles, Rate 0.34, Total), Lodging (#, Rate \$85.00, Total), Breakfast (#, Cost, Total), Lunch (#, Cost, Total), Dinner (#, Cost, Total), Airfare/Other, Total Cost, Grant Share, Match Share. Includes a summary row at the bottom for TOTAL CONTRACTOR TRAVEL.

MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS
Michigan State Police, Forensic Science Training
2021 Proposed Budget Detail

TRAVEL
Trainee

Course/Date Trainee Totals	Lodging				Breakfast				Lunch				Dinner				Match Lodging							
	# Lodging	# Nights	Rate 85.00	Lodging Total	# for B'fast	# of Days	Cost	Breakfast Total	# for Lunch	# of Days	Cost	Lunch Total	# for Dinner	# of Days	Cost	Dinner Total	Airfare/ Other	Total Cost	Grant Share	Match Share	# Lodging	# Nights	Rate	Lodging Total
ANAB Training 20 Attendees	11	3	\$85.00	\$ 2,805.00				\$ -	11	3	\$ 8.50	\$ 280.50				\$ -		\$ 3,085.50	\$ 3,085.50	\$ -				\$ -
ASCLD Symposium April 11-15, 2021 10 Attendees	10	4	\$85.00	\$ 3,400.00	10	5	\$13.00	\$ 650.00	10	5	\$13.00	\$ 650.00	10	5	\$25.25	\$ 1,262.50	\$ 5,500.00	\$ 11,462.50	\$ 11,462.50	\$ 2,600.00	10	4	\$ 65.00	\$ 2,600.00
MAFS Training October 31- November 5, 2021 28 Attendees	28	5	\$85.00	\$ 11,900.00	28	5	\$13.00	\$ 1,820.00	28	5	\$13.00	\$ 1,820.00	28	5	\$25.25	\$ 3,535.00	\$ 336.00	\$ 19,411.00	\$ 19,411.00	\$ 15,960.00	28	5	\$ 114.00	\$ 15,960.00
Digital Imaging 5 Attendees	5	5	\$85.00	\$ 2,125.00	5	6	\$10.25	\$ 307.50	5	6	\$10.25	\$ 307.50	5	6	\$23.50	\$ 705.00	\$ 2,800.00	\$ 6,245.00	\$ 6,245.00	\$ 1,625.00	5	5	\$ 65.00	\$ 1,625.00
SOFT Training September 26- October 1, 2021 5 Attendees	5	5	\$85.00	\$ 2,125.00	5	6	\$13.00	\$ 390.00	5	6	\$13.00	\$ 390.00	5	6	\$25.25	\$ 757.50	\$ 3,750.00	\$ 7,412.50	\$ 7,412.50	\$ 2,875.00	5	5	\$ 115.00	\$ 2,875.00
Palm Print Comparison Techniques 3 Attendees	3	3	\$85.00	\$ 765.00	3	4	\$10.25	\$ 123.00	3	4	\$10.25	\$ 123.00	3	4	\$23.50	\$ 282.00	\$ 1,900.00	\$ 3,193.00	\$ 3,193.00	\$ 40.50	3	3	\$ 4.50	\$ 40.50
AFTE Training May 23-28, 2021 6 Attendees	6	6	\$85.00	\$ 3,060.00	6	7	\$10.25	\$ 430.50	6	7	\$10.25	\$ 430.50	6	7	\$23.50	\$ 987.00	\$ 4,800.00	\$ 9,708.00	\$ 9,708.00	\$ 4,140.00	6	6	\$ 115.00	\$ 4,140.00
Shooting Incident Reconstruction 20 Attendees	16	5	\$85.00	\$ 6,800.00	16	5	\$10.25	\$ 820.00	16	5	\$10.25	\$ 820.00	16	5	\$24.25	\$ 1,940.00	\$ -	\$ 10,380.00	\$ 10,380.00	\$ 800.00	16	5	\$ 10.00	\$ 800.00
DEA Forensic Chemist Seminar 2 Attendees	2	5	\$85.00	\$ 850.00	2	1	\$13.00	\$ 26.00	2	2	\$13.00	\$ 52.00	2	1	\$25.25	\$ 50.50	\$ 1,170.00	\$ 2,148.50	\$ 2,148.50	\$ 900.00	2	5	\$ 90.00	\$ 900.00
ASQDE Training 3 Attendees	3	5	\$85.00	\$ 1,275.00	3	6	\$ 8.50	\$ 153.00	3	6	\$ 8.50	\$ 153.00	3	6	\$19.00	\$ 342.00	\$ -	\$ 1,923.00	\$ 1,923.00	\$ 67.50	3	5	\$ 4.50	\$ 67.50
AFQAM Training 8 Attendees	8	4	\$85.00	\$ 2,720.00	8	5	\$10.25	\$ 410.00	8	5	\$10.25	\$ 410.00	8	5	\$23.50	\$ 940.00	\$ 4,400.00	\$ 8,880.00	\$ 8,880.00	\$ 1,280.00	8	4	\$ 40.00	\$ 1,280.00
Expert Witness 16 Attendees	16	4	\$85.00	\$ 5,440.00	16	4	\$ 8.50	\$ 544.00	16	5	\$ 8.50	\$ 680.00	16	4	\$19.00	\$ 1,216.00	\$ 250.00	\$ 8,130.00	\$ 8,130.00	\$ -				\$ -
AAFS Training February 15-20, 2021 10 Attendees	10	5	\$85.00	\$ 4,250.00	10	6	\$13.00	\$ 780.00	10	6	\$13.00	\$ 780.00	10	6	\$25.25	\$ 1,515.00	\$ 4,500.00	\$ 11,825.00	\$ 11,825.00	\$ 7,000.00	10	5	\$ 140.00	\$ 7,000.00
Analysis of Distortion in Latent Prints 3 Attendees	3	3	\$85.00	\$ 765.00	3	4	\$10.25	\$ 123.00	3	4	\$10.25	\$ 123.00	3	4	\$23.50	\$ 282.00	\$ 1,900.00	\$ 3,193.00	\$ 3,193.00	\$ 40.50	3	3	\$ 4.50	\$ 40.50
Fiber Analysis 2 Attendees	2	5	\$85.00	\$ 850.00	2	6	\$10.25	\$ 123.00	2	6	\$10.25	\$ 123.00	2	6	\$23.50	\$ 282.00	\$ 1,120.00	\$ 2,498.00	\$ 2,498.00	\$ 650.00	2	5	\$ 65.00	\$ 650.00
Crime Scene Reconstruction I 24 Attendees	18	4	\$85.00	\$ 6,120.00	18	5	\$10.25	\$ 922.50	18	5	\$10.25	\$ 922.50	18	5	\$24.25	\$ 2,182.50	\$ -	\$ 10,147.50	\$ 10,147.50	\$ 720.00	18	4	\$ 10.00	\$ 720.00
CLIC Training September 6-11, 2021 6 Attendees	6	5	\$85.00	\$ 2,550.00	6	6	\$10.25	\$ 369.00	6	6	\$10.25	\$ 369.00	6	6	\$23.50	\$ 846.00	\$ 3,210.00	\$ 7,344.00	\$ 7,344.00	\$ 2,700.00	6	5	\$ 90.00	\$ 2,700.00

MATT Drug Monitoring Training 5 Attendees	5	2	\$85.00	\$ 850.00	5	3	\$10.25	\$ 153.75	5	3	\$10.25	\$ 153.75	5	3	\$23.50	\$ 352.50	\$ 3,750.00	\$ 5,260.00	\$ 5,260.00	\$ 1,150.00	5	2	\$ 115.00	\$ 1,150.00
Federal and Winchester Ammunition Tour 10 Attendees	10	2	\$85.00	\$ 1,700.00	10	3	\$10.25	\$ 307.50	10	3	\$10.25	\$ 307.50	10	3	\$23.50	\$ 705.00	\$ 7,000.00	\$ 10,020.00	\$ 10,020.00	\$ 1,300.00	10	2	\$ 65.00	\$ 1,300.00
IAI Conference August 1-7, 2021 16 Attendees	16	6	\$85.00	\$ 8,160.00	16	7	\$10.25	\$ 1,148.00	16	7	\$10.25	\$ 1,148.00	16	7	\$23.50	\$ 2,632.00	\$ 8,800.00	\$ 21,888.00	\$ 21,888.00	\$ 432.00	16	6	\$ 4.50	\$ 432.00
Technician Witness 16 Attendees	16	2	\$85.00	\$ 2,720.00	16	2	\$ 8.50	\$ 272.00	16	3	\$ 8.50	\$ 408.00	16	2	\$19.00	\$ 608.00	\$ -	\$ 4,008.00	\$ 4,008.00	\$ -			\$ -	\$ -
Footwear Analysis 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$10.25	\$ 102.50	2	5	\$10.25	\$ 102.50	2	5	\$23.50	\$ 235.00	\$ 1,120.00	\$ 2,240.00	\$ 2,240.00	\$ 520.00	2	4	\$ 65.00	\$ 520.00
Essential Ridgeology Techniques 3 Attendees	3	5	\$85.00	\$ 1,275.00	3	6	\$10.25	\$ 184.50	3	6	\$10.25	\$ 184.50	3	6	\$23.50	\$ 423.00	\$ 1,900.00	\$ 3,967.00	\$ 3,967.00	\$ 67.50	3	5	\$ 4.50	\$ 67.50
Mass Fatality Incident Exercise 24 Attendees	4	2	\$85.00	\$ 680.00				\$ -	24	2	\$ 8.50	\$ 408.00				\$ -		\$ 1,088.00	\$ 1,088.00	\$ 80.00	4	2	\$ 10.00	\$ 80.00
Spectral Interpretation Applications 2 Attendees	2	5	\$85.00	\$ 850.00	2	6	\$10.25	\$ 123.00	2	6	\$10.25	\$ 123.00	2	6	\$23.50	\$ 282.00	\$ 1,070.00	\$ 2,448.00	\$ 2,448.00	\$ 900.00	2	5	\$ 90.00	\$ 900.00
Glock and Beretta Tours 6 Attendees	6	3	\$85.00	\$ 1,530.00	6	4	\$10.25	\$ 246.00	6	4	\$10.25	\$ 246.00	6	4	\$23.50	\$ 564.00	\$ 3,500.00	\$ 6,086.00	\$ 6,086.00	\$ 1,620.00	6	3	\$ 90.00	\$ 1,620.00
Fire Debris Analysis 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$10.25	\$ 102.50	2	5	\$10.25	\$ 102.50	2	5	\$23.50	\$ 235.00	\$ 1,120.00	\$ 2,240.00	\$ 2,240.00	\$ 520.00	2	4	\$ 65.00	\$ 520.00
Robert Borkenstein Course on the Effects of Drugs on Human Performance and Behavior 3 Attendees	3	5	\$85.00	\$ 1,275.00	3	6	\$10.25	\$ 184.50	3	6	\$10.25	\$ 184.50	3	6	\$23.50	\$ 423.00	\$ 2,100.00	\$ 4,167.00	\$ 4,167.00	\$ 1,725.00	3	5	\$ 115.00	\$ 1,725.00
Understanding Exclusion and Sufficiency Decisions 3 Attendees	3	5	\$85.00	\$ 1,275.00	3	6	\$10.25	\$ 184.50	3	6	\$10.25	\$ 184.50	3	6	\$23.50	\$ 423.00	\$ 1,900.00	\$ 3,967.00	\$ 3,967.00	\$ 67.50	3	5	\$ 4.50	\$ 67.50
Advanced Shooting Incident Reconstruction 4 Attendees	4	4	\$85.00	\$ 1,360.00	4	5	\$10.25	\$ 205.00	4	5	\$10.25	\$ 205.00	4	5	\$23.50	\$ 470.00	\$ 2,300.00	\$ 4,540.00	\$ 4,540.00	\$ 1,440.00	4	4	\$ 90.00	\$ 1,440.00
Advanced Bloodstain Pattern Analysis 1 Attendee	1	5	\$85.00	\$ 425.00	1	6	\$10.25	\$ 61.50	1	6	\$10.25	\$ 61.50	1	6	\$23.50	\$ 141.00	\$ 760.00	\$ 1,449.00	\$ 1,449.00	\$ 225.00	1	5	\$ 45.00	\$ 225.00
Advanced Fire Debris Analysis 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$10.25	\$ 102.50	2	5	\$10.25	\$ 102.50	2	5	\$23.50	\$ 235.00	\$ 1,120.00	\$ 2,240.00	\$ 2,240.00	\$ 520.00	2	4	\$ 65.00	\$ 520.00
Advanced ACE-V Applications for Fingerprint Examiner 5 Attendees	5	5	\$85.00	\$ 2,125.00	5	6	\$10.25	\$ 307.50	5	6	\$10.25	\$ 307.50	5	6	\$23.50	\$ 705.00	\$ 1,900.00	\$ 5,345.00	\$ 5,345.00	\$ 112.50	5	5	\$ 4.50	\$ 112.50
Sig Sauer and Remington Ammunition Manufacturer Tour 10 Attendees	10	2	\$85.00	\$ 1,700.00	10	3	\$10.25	\$ 307.50	10	3	\$10.25	\$ 307.50	10	3	\$23.50	\$ 705.00	\$ 7,000.00	\$ 10,020.00	\$ 10,020.00	\$ 1,300.00	10	2	\$ 65.00	\$ 1,300.00

Intro to Bloodstain Pattern Analysis on Fabrics and Digital Casework 1 Attendee	1	4	\$85.00	\$ 340.00	1	5	\$10.25	\$ 51.25	1	5	\$10.25	\$ 51.25	1	5	\$23.50	\$ 117.50	\$ 780.00	\$ 1,340.00	\$ 1,340.00	\$ 260.00	1	4	\$ 65.00	\$ 260.00
Advanced Footwear Analysis 5 Attendees	5	4	\$85.00	\$ 1,700.00	5	5	\$10.25	\$ 256.25	5	5	\$10.25	\$ 256.25	5	5	\$23.50	\$ 587.50	\$ 2,500.00	\$ 5,300.00	\$ 5,300.00	\$ 1,300.00	5	4	\$ 65.00	\$ 1,300.00
Detection of Forgery and Fabricated Latent Prints 11 Attendees	11	2	\$85.00	\$ 1,870.00	11	3	\$10.25	\$ 338.25	11	3	\$10.25	\$ 338.25	11	3	\$23.50	\$ 775.50	\$ 6,490.00	\$ 9,812.00	\$ 9,812.00	\$ 99.00	11	2	\$ 4.50	\$ 99.00
Midwest Firearms Training Seminar 6 Attendees	6	3	\$85.00	\$ 1,530.00	6	4	\$10.25	\$ 246.00	6	4	\$10.25	\$ 246.00	6	4	\$23.50	\$ 564.00		\$ 2,586.00	\$ 2,586.00	\$ 1,170.00	6	3	\$ 65.00	\$ 1,170.00
IABPA Conference 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$13.00	\$ 130.00	2	5	\$13.00	\$ 130.00	2	5	\$25.25	\$ 252.50	\$ 1,540.00	\$ 2,732.50	\$ 2,732.50	\$ 440.00	2	4	\$ 55.00	\$ 440.00
Logical Latent Print Analysis 4 Attendees	4	2	\$85.00	\$ 680.00	4	3	\$10.25	\$ 123.00	4	3	\$10.25	\$ 123.00	4	3	\$23.50	\$ 282.00	\$ 3,200.00	\$ 4,408.00	\$ 4,408.00	\$ 36.00	4	2	\$ 4.50	\$ 36.00
Tire Analysis 4 Attendees	4	4	\$85.00	\$ 1,360.00	4	5	\$10.25	\$ 205.00	4	5	\$10.25	\$ 205.00	4	5	\$23.50	\$ 470.00	\$ 2,040.00	\$ 4,280.00	\$ 4,280.00	\$ 1,040.00	4	4	\$ 65.00	\$ 1,040.00
Comparison of Sole Impressions 3 Attendees	2	1	\$85.00	\$ 170.00	3	2	\$ 8.50	\$ 51.00	3	2	\$ 8.50	\$ 51.00	3	2	\$19.00	\$ 114.00	\$ -	\$ 386.00	\$ 386.00	\$ 9.00	2	1	\$ 4.50	\$ 9.00
Polarized Light Microscopy 3 Attendees	3	5	\$85.00	\$ 1,275.00	3	6	\$10.25	\$ 184.50	3	6	\$10.25	\$ 184.50	3	6	\$23.50	\$ 423.00	\$ 1,770.00	\$ 3,837.00	\$ 3,837.00	\$ 975.00	3	5	\$ 65.00	\$ 975.00
Midwest Crime Laboratory Directors Training 6 Attendees	6	4	\$85.00	\$ 2,040.00	6	5	\$10.25	\$ 307.50	6	5	\$10.25	\$ 307.50	6	5	\$23.50	\$ 705.00	\$ 2,700.00	\$ 6,060.00	\$ 6,060.00	\$ 960.00	6	4	\$ 40.00	\$ 960.00
Paint Analysis 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$10.25	\$ 102.50	2	5	\$10.25	\$ 102.50	2	5	\$23.50	\$ 235.00	\$ 1,120.00	\$ 2,240.00	\$ 2,240.00	\$ 520.00	2	4	\$ 65.00	\$ 520.00
Explosives Analysis 2 Attendees	2	4	\$85.00	\$ 680.00	2	5	\$10.25	\$ 102.50	2	5	\$10.25	\$ 102.50	2	5	\$23.50	\$ 235.00	\$ 1,120.00	\$ 2,240.00	\$ 2,240.00	\$ 520.00	2	4	\$ 65.00	\$ 520.00
February 7-12, 2021 1 Attendee	1	4	\$85.00	\$ 340.00	1	5	\$10.25	\$ 51.25	1	5	\$10.25	\$ 51.25	1	5	\$23.50	\$ 117.50	\$ 660.00	\$ 1,220.00	\$ 1,220.00	\$ 260.00	1	4	\$ 65.00	\$ 260.00
Chromatography 2 Attendees	2	3	\$85.00	\$ 510.00	2	4	\$10.25	\$ 82.00	2	4	\$10.25	\$ 82.00	2	4	\$23.50	\$ 188.00	\$ 1,120.00	\$ 1,982.00	\$ 1,982.00	\$ 390.00	2	3	\$ 65.00	\$ 390.00
SAFDE 3 Attendees	3	3	\$85.00	\$ 765.00	3	4	\$10.25	\$ 123.00	3	4	\$10.25	\$ 123.00	3	4	\$23.50	\$ 282.00	\$ 1,880.00	\$ 3,173.00	\$ 3,173.00	\$ 585.00	3	3	\$ 65.00	\$ 585.00
Print Process Identification Forensic Document Examiners Conference 1 Attendee	1	4	\$85.00	\$ 340.00	1	5	\$10.25	\$ 51.25	1	5	\$10.25	\$ 51.25	1	5	\$23.50	\$ 117.50	\$ 710.00	\$ 1,270.00	\$ 1,270.00	\$ 260.00	1	4	\$ 65.00	\$ 260.00
Fit Testing Refresher and Advanced Topics 1 Attendee	1	3	\$85.00	\$ 255.00	1	4	\$13.00	\$ 52.00	1	4	\$13.00	\$ 52.00	1	4	\$25.25	\$ 101.00	\$ -	\$ 460.00	\$ 460.00	\$ 195.00	1	3	\$ 65.00	\$ 195.00
Shot Show January 19-22, 2021 6 Attendees	6	4	\$85.00	\$ 2,040.00	6	5	\$13.00	\$ 390.00	6	5	\$13.00	\$ 390.00	6	5	\$25.25	\$ 757.50	\$ 4,500.00	\$ 8,077.50	\$ 8,077.50	\$ 5,160.00	6	4	\$ 215.00	\$ 5,160.00
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TOTAL TRAINEE TRAVEL			\$103,020.00				\$14,831.50				\$15,818.00				\$32,588.00		\$279,363.50	\$279,363.50	\$67,557.00				\$ 67,557.00
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MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS

Michigan State Police, Forensic Science Training

2021 Proposed Budget Detail

SUPPLIES AND OPERATING

Course	Description	Quantity	Unit Price	Total Cost	Grant Share	Match Share
Shooting Incident Reconstruction	Shooting Range	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	
Shooting Incident Reconstruction	Classroom	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	
Shooting Incident Reconstruction	Supplies (vehicles and tow expenses)	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	
Crime Scene Reconstruction I	Meeting Room and AV Equipment	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	
Mass Fatality Incident Exercise	Meeting Room	1	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	
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TOTAL SUPPLIES AND OPERATING				\$11,000.00	\$11,000.00	\$0.00
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MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS
Michigan State Police, Forensic Science Training
 2021 Proposed Budget Detail

EQUIPMENT

Course	Description	Quantity	Unit Price	Total Cost	Grant Share	Match Share
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TOTAL EQUIPMENT				\$0.00	\$0.00	\$0.00