



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST
SCHEDULE 874 MOBIS**



GENERAL SERVICES ADMINISTRATION FEDERAL SUPPLY SERVICE AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

On line access to contract ordering information, terms and conditions, up to date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu driven database system. The internet address for GSA Advantage! is: www.GSAAdvantage.gov.

Schedule 874 Title: MOBIS (Mission Oriented Business Integrated Services)
Contract number: GS-02F-0003P

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

Contract period: October 7, 2003 – October 5, 2013

Five Years Option Extension: October 6, 2008 – October 5, 2013

Contractor's name, address, and phone number (include toll-free WATS number and FAX number, if applicable):

Texas Engineering Extension Service (TEEX)
200 Technology Way
College Station, TX 77845

Phone: 979-458-6800 / Toll-Free 877-833-9638 / Fax 979-458-6838

Contractor's internet address/web site where schedule information can be found (as applicable): www.teex.org

Contract administration source (if different from preceding entry):

Terri Sager
979-458-6849
GSA@teexmail.tamu.edu

Business size: Other than Small

- 1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s): SIN 874-4 Instructor-Led Training, Web-Based Training, and Education Courses
- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply:
Lowest Price Model: 874-4 OSHA Course 7845 Injury and Illness Recordkeeping \$197.00
- 1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item: Not applicable
2. Maximum order: \$1,000,000.00
3. Minimum order: \$100.00
4. Geographic coverage (delivery area): Domestic and Overseas Delivery
5. Point(s) of production: Same as company address.
6. Discount from list prices or statement of net price: Prices shown are NET (discount deducted)
7. Quantity discounts: None
8. Prompt payment terms: Net 30 days
- 9a. Government purchase cards are accepted at or below the micro-purchase threshold.
- 9b. Government purchase cards are accepted above the micro-purchase threshold.



10. Foreign items (list items by country of origin): Not applicable.

11a. Time of delivery. (Contractor insert number of days.): The contractor shall deliver to destination within the number of days after receipt of order (ARO) as negotiated between TEEX and Ordering Agency.

11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery: As negotiated between TEEX and Ordering Agency.

11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: As negotiated between TEEX and Ordering Agency.

11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery: As negotiated between TEEX and Ordering Agency.

12. F.O.B. point(s): Destination

13a. Ordering address(es):

Texas Engineering Extension Service (TEEX)

200 Technology Way

College Station, TX 77845

ATTN: GSA Contract Specialist

GSA@teexmail.tamu.edu

13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. Payment address(es):

Texas Engineering Extension Service (TEEX)

200 Technology Way

College Station, TX 77845

15. Warranty provision: Not applicable

16. Export packing charges, if applicable: Not applicable

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Standard purchase card terms apply

18. Terms and conditions of rental, maintenance, and repair (if applicable): Not applicable

19. Terms and conditions of installation (if applicable): Not applicable

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): Not applicable

20a. Terms and conditions for any other services (if applicable): Not applicable

21. List of service and distribution points (if applicable): Not applicable

22. List of participating dealers (if applicable): Not applicable

23. Preventive maintenance (if applicable): Not applicable

24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not applicable

24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/: Not applicable

25. Data Universal Number System (DUNS) number: 019126486

26. TEEX is registered in Central Contractor Registration (CCR) database.



Safety and Health / Professional & Regulatory Training (PRT) Division
800-SAFE-811 or 800-723-3811

COURSE #	ITEM DESCRIPTION		CONTRACT CLASS		OPEN ENROLLMENT CLASS GSA PRICE
	COURSE NAME	DURATION	GSA PRICE & # OF STUDENTS	GSA PRICE PER STUDENT OVER MAX	
OSHA 2015	Hazardous Materials	4.5 days	\$9,800.00 Up to 20	\$512.00	\$697.85
OSHA 2045	Machinery and Machine Guarding Standards	4 days	\$8,900.00 Up to 20	\$511.00	\$610.07
OSHA 2225	Respiratory Protection	4 days	\$8,900.00 Up to 20	\$511.00	\$610.07
OSHA 2250	Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders	4 days	\$8,900.00 Up to 20	\$485.00	\$675.00
OSHA 2264	Confined Space	4 days	\$8,900.00 Up to 20	\$445.00	\$675.00
OSHA 3010	Excavation, Training and Soil Mechanics	3 days	\$7,300.00 Up to 20	\$415.00	\$570.00
OSHA 3095	Electrical Standards	4.5 days	\$9,800.00 Up to 20	\$511.00	\$697.85
OSHA 3110	Fall Arrest Systems	4 days	\$8,900.00 Up to 20	\$464.00	\$610.07
OSHA 500	Trainer Course in Occupational Safety and Health Standards for the Construction Industry	4.5 days	\$9,800.00 Up to 20	\$458.00	\$697.85
OSHA 501	Trainer Course in Occupational Safety and Health Standards for the General Industry	4.5 days	\$9,800.00 Up to 20	\$458.00	\$697.85
OSHA 502	Update for Construction Industry Outreach Trainers	2.5 days	\$7,300.00 Up to 20	\$395.00	\$570.00
OSHA 503	Update for General Industry Outreach Trainers	2.5 days	\$7,300.00 Up to 20	\$395.00	\$570.00
OSHA 510	Occupational Safety and Health Standards for the Construction Industry	4 days	\$8,900.00 Up to 20	\$423.00	\$610.07
OSHA 521	OSHA Guide to Industrial Hygiene	4.5 days	\$9,800.00 Up to 20	\$659.00	\$699.60
OSHA 6000	Collateral Duty Course for Other Federal Agencies	4.5 days	\$9,800.00 Up to 20	\$508.00	\$697.85
OSHA 7845	Injury and Illness Recordkeeping	1 day	\$3,450.00 Up to 20	\$235.00	\$197.00
OSHA 1106	Hydrogen Sulfide (H2S) Instructor Development	3 days	\$7,300.00 Up to 20	\$336.00	\$570.00
PRT248	VPP Overview	7 hrs	\$4,500.00 Up to 20	\$246.00	\$350.00
PRT249	VPP Requirements	23 hrs	\$7,500.00 Up to 20	\$354.00	\$650.00
PRT252	VPP Auditor	13 hrs	\$7,500.00 Up to 20	\$354.00	\$450.00

Note: Travel and expenses associated with services performed at the end user's site are not included and must be invoiced on a separate line item. Please call the specified TEEX Division to register as GSA. Prices shown are Net (discount deducted).



**Fire Services / Emergency Services Training Center (ESTI) Division
 866-878-8900**

COURSE #	ITEM DESCRIPTION		CONTRACT CLASS		OPEN ENROLLMENT CLASS GSA PRICE
	COURSE NAME	DURATION	GSA PRICE & # OF STUDENTS	GSA PRICE PER STUDENT OVER MAX	
FOP100	NFPA 1021 Fire Officer I	40 hrs	\$5,552.00 Up to 10	\$275.00	n/a
FOP200	NFPA 1021 Fire Officer II	40 hrs	\$5,552.00 Up to 10	\$275.00	n/a
INS100	NFPA 1041 Fire Instructor I	40 hrs	\$5,561.00 Up to 10	\$275.00	n/a
INS200	NFPA 1041 Fire Instructor II	40 hrs	\$5,561.00 Up to 10	\$275.00	n/a
DOP400	NFPA 1002 Driver/Operator Aerial	24 hrs	\$5,154.00 Up to 10	\$275.00	n/a
TEL100/200	NFPA 1061 Telecommunicator I & II	40 hrs	\$5,135.00 Up to 10	\$275.00	n/a

Note: Travel and expenses associated with services performed at the end user's site are not included and must be invoiced on a separate line item. Please call the specified TEEX Division to register as GSA. Prices shown are Net (discount deducted).



**Public Works / Infrastructure Training and Safety Institute (ITSI) Division
 800-824-7303**

COURSE #	ITEM DESCRIPTION		CONTRACT CLASS		OPEN ENROLLMENT CLASS GSA PRICE
	COURSE NAME	DURATION	GSA PRICE & # OF STUDENTS	GSA PRICE PER STUDENT OVER MAX	
TTP313	Fiber Optic Engineering Fundamentals	20 hrs	n/a	n/a	\$895.00
TTP310	Fiber Optic Installer Certification	32 hrs	n/a	n/a	\$1195.00
TTP328	Fiber Optic Installer Recertification	12 hrs	n/a	n/a	\$800.00
TTP303	Fiber Optic Splicing	32 hrs	n/a	n/a	\$1075.00
TTP308	Fiber Optic Troubleshooting	20 hrs	n/a	n/a	\$795.00
EPP009	Electric Power Principles	24 hrs	n/a	n/a	\$565.00
EPP013	Electrical Worker-Safe Work Practices	16 hrs	n/a	n/a	\$465.00
ENV208	Hazardous Waste Management	24 hrs	\$5725.00 Up to 20	\$600	\$725.00
ENV215	Hazardous Waste Update	8 hrs	\$3,330.00 Up to 20	\$200	\$275.00
ENV212	US DOT Hazardous Materials Employee Training	16 hrs	\$4530.00 Up to 20	\$400	\$500.00
ENV209	Hazardous Materials Management Survey	32 hrs	\$11,100.00 Up to 20	\$800	\$850.00
ENV235	Chemistry for Environmental Professionals	24 hrs	\$5725.00 Up to 20	\$600	\$725.00
ENV221	Soil and Groundwater Remediation	16 hrs	\$4835.00 Up to 20	\$400	\$500.00
ENV213	Introduction to Environmental Health and Safety	32 hrs	\$11,100.00 Up to 20	\$800	\$850.00

Note: Travel and expenses associated with services performed at the end user's site are not included and must be invoiced on a separate line item. Please call the specified TEEX Division to register as GSA. Prices shown are Net (discount deducted).



**Knowledge Engineering (KE) Division
 800-541-7149**

COURSE #	ITEM DESCRIPTION		CONTRACT CLASS		OPEN ENROLLMENT CLASS GSA PRICE
	COURSE NAME	DURATION	GSA PRICE & # OF STUDENTS	GSA PRICE PER STUDENT OVER MAX	
IEP001	Physical Concepts	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP002	Chemical Concepts	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP003	AC Circuits	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP004	DC Circuits	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP005	Power Supply Concepts	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP006	Discrete Components	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP007	Digital Circuits	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP008	Mechanical & Electrical /Mechanical Shop	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP009	Industrial Controls	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP200	Programmable Logic Controllers (PLC)	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP201	Troubleshooting Industrial Control Circuits	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP203	Troubleshooting Motor Control Circuits	16 hrs	\$4,600 Up to 14	n/a	n/a
IEP204	Electronics Trio	40 hrs	\$7,500 Up to 12	n/a	n/a
SCP013	Semiconductor Process Improvement	40 hrs	\$7,500 Up to 12	n/a	n/a
SCP001	Semiconductor Processing Overview	8 hrs	\$4,600 Up to 25	n/a	n/a
WBT000	SCPO –Online	Self-paced	\$249.95 per course \$24.95 per module	n/a	n/a
SCP003	Microcontamination	8 hrs	\$4,600 Up to 25	n/a	n/a

Note: Travel and expenses associated with services performed at the end user's site are not included and must be invoiced on a separate line item. Please call the specified TEEX Division to register as GSA. Prices shown are Net (discount deducted).



Course Number	Title/Description
OSHA Course 2015 (formerly 201A)	Hazardous Materials
4 1/2 Days, 2.5 CEUs, 4.0 (IH) CMs, 30.0 Contact Hours - AAOHN	This course covers OSHA general industry standards and integrates materials from other consensus and proprietary standards that relate to hazardous materials. Included are flammable and combustible liquids, compressed gases, LP gases, and cryogenic liquids. Preparing an emergency plan and hazardous waste cleanup are also discussed. (20) students is minimum and maximum per course.
OSHA Course 2045, (formerly 204A)	Machinery and Machine Guarding Standards
4 Days, 2.5 CEUs, 4.0 (S) CMs, 30.0 Contact Hours - AAOHN	This course familiarizes the student with various types of common machinery and related safety standards. Guidance is provided on the hazards associated with various kinds of machinery and the control of hazardous energy sources (lockout/tagout). This course presents an approach to machinery inspection that enables participants to recognize hazards and to provide options to achieve abatement. These hazards include mechanical motions and actions created by points of operation and other machinery processes. (20) students is minimum and maximum per course.
OSHA Course 2225, (formerly 222A)	Respiratory Protection
4 Days, 1.9 CEUs, (IH) CMs (applied for), 22.8 Contact Hours-AAOHN	This course covers the requirements for the establishment, maintenance, and monitoring of a respirator program. Course highlights include workshops on respirator selection, qualitative fit testing, and the use of a large array of respiratory and support equipment for hands-on training. (20) students is minimum and maximum per course.
OSHA Course 2250, (formerly 225A)	Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders
4 Days, 1.9 CEUs, 3.0 (IH) CMs, 22.8 Contact Hours-AAOHN	Explore the principles which control human performance and its effects on the safety and reliability of systems. Engineering anthropometry, biomechanics of motion and work posture, work physiology, and performance measurements are covered in the context of other application in workplace design. Students will be instructed in methodologies for analysis tasks and human performance requirements. Important human limitations are studied in workshops. (20) students is minimum and maximum per course.
OSHA Course 2264, (formerly 226)	Permit-Required Confined Space
4 Days, 1.9 CEUs, 3.0 (IH) CMs	This course is designed to increase the student's knowledge of hazards associated with permit-required confined space entry. This course discusses the use and limitations of explosion meters, oxygen meters, and other test equipment. (20) students is minimum and maximum per course.



Course Number	Title/Description
OSHA Course 3010, (formerly 301)	<u>Excavation, Trenching, and Soil Mechanics</u>
3 Days, 1.9 CEUs, 3.0 (S) CMS	The course focuses on OSHA standards and the safety aspect of excavation and trenching. Students are introduced to practical soil mechanics and its relationship to the stability of shored and unshored slopes and walls of excavations. (20) students is minimum and maximum per course.
OSHA Course 3095, (formerly 309A)	<u>Electrical Standards</u>
4 1/2 Days, 2.5 CEUs, 4.0 (S) CMs	The course emphasizes the study of electricity and its associated phenomena of resistance, capacitance, and inductance in both AC and DC circuits. The course introduces principles of residential electrical wiring, usage of test equipment, and electrical hazards relating to industrial settings. (20) students is minimum and maximum per course.
OSHA Course 3110, (formerly 311)	<u>Fall Arrest Systems</u>
4 Days, 1.9 CEUs, 3.0 (S) CMs, 22.8 Contact Hours-AAOHN	This course provides an overview of state-of-the-art technology for fall protection and current OSHA requirements. Course features a demonstration of fall protection equipment. (20) students is minimum and maximum per course.
OSHA Course 500	<u>Trainer Course in Occupational Safety and Health Standards for the Construction Industry</u>
Prerequisites: Student must provide proof of 1) completion of OSHA 510, OR a 30-hour construction safety and health outreach course, OR 30 hours of similar construction training AND 2) five years of experience in the construction industry. 4 1/2 Days, 2.5 CEUs, 4.0 (S) CMs	The course is designed for private-sector personnel interested in teaching the 10- and 30-hour construction safety and health outreach programs to other employees and interested groups. Special emphasis is placed on those topics that are required in the outreach program as well as those that are most hazardous, using the 29 CFR 1926 as a guide. Instructional techniques as well as effective use of visual aids and handouts are discussed. Outreach trainers are required to attend OSHA Course 502 at least once every four years to maintain their "Authorized Outreach Trainer" status. This course also serves those who do not wish to train, but want to increase their knowledge and effectiveness regarding controlling and eliminating hazards in a construction environment. Instructional techniques, classroom control, and other training issues will be discussed. (20) students is minimum and maximum per course.



Course Number	Title/Description
OSHA Course 501	<u>Trainer Course in Occupational Safety and Health Standards for the General Industry</u>
BEGINNING 1/1/04, PREREQUISITES: Student must provide proof of 1) completion of OSHA 511, OR a 30-hour general industry safety and health outreach course, OR 30 hours of similar general industry training AND 2) five years of experience in general industry. 4 1/2 Days, 2.5 CEUs, 4.0 (S) CMs, 30 Contact Hours-AAOHN	This course presents detailed information on how the provisions of the OSH Act may be implemented in the workplace. Rights and responsibilities under the OSH Act, the appeals process, and recordkeeping are covered. This course also includes an introduction to OSHA's general industry standards and an overview of the requirements in the more frequently referenced standards. This course also qualifies the student to teach the 10- and 30-hour general industry safety and health outreach courses as an "Authorized Outreach Trainer." Outreach trainers are required to attend OSHA Course 503 at least once every four years to maintain their trainer status. This course also serves those who do not wish to train, but want to increase their knowledge and effectiveness regarding controlling and eliminating hazards in a construction environment. Instructional techniques, classroom control, and other training issues will be discussed. (20) students is minimum and maximum per course.
OSHA Course 502	<u>Update for Construction Industry Outreach Trainers</u>
2 1/2 Days, 1.7 CEUs	This course is designed for personnel in the private sector who have completed OSHA Course 500 and who are active trainers in the outreach program or those in the construction industry who would like to keep current their knowledge of the OSHA Standards in 29 CFR 1926. It provides an update on such topics as OSHA construction standards, policies, and regulations. Registration will not be completed until a copy of the OSHA Construction Industry Outreach Trainer card or certificate has been received. These may be sent/faxed in with the registration form. If your card is expired, you must retake the OSHA 500. (20) students is minimum and maximum per course.
OSHA Course 503	<u>Update for General Industry Outreach Trainers</u>
2 1/2 Days, 1.7 CEUs, 22.8 Contact Hours-AAOHN	This course is designed for personnel in the private sector who have completed OSHA Course 501 and who are active trainers in the outreach program or those in general industry who would like to keep current their knowledge of the OSHA Standards in 29 CFR 1910. It provides an update on such topics as OSHA general industry standards, policies, and regulations. Registration will not be completed until a copy of the OSHA General Industry Outreach Trainer card or certificate has been received. These may be sent/faxed with the registration form. If your card is expired you must retake the OSHA 501. (20) students is minimum and maximum per course.



Course Number	Title/Description
OSHA Course 510	<u>Occupational Safety and Health Standards for the Construction Industry</u>
4 Days, 2.5 CEUs, 30.0 Contact Hours-AAOHN	This course covers OSHA's policies, procedures, and standards as well as construction safety and health principles. Topics include scope and application of the OSHA construction standards. Special emphasis is placed on those areas that are most hazardous. The students will examine 29 CFR 1926 in great detail. This is an entry-level course that provides you with basic safety and health knowledge for the construction industry. Upon completion of this course a wallet card and certificate will be issued certifying that you have completed 30 hours of OSHA training. (20) students is minimum and maximum per course.
OSHA Course 521	<u>OSHA Guide to Industrial Hygiene</u>
4 1/2 Days, 2.5 CEUs	The course covers industrial hygiene practices and related OSHA regulations and procedures. Topics include permissible exposure limits, OSHA health standards, respiratory protection, engineering controls, hazard communication, OSHA sampling procedures and strategy, workplace health program elements and other industrial hygiene topics. The course features workshops in health hazard recognition, OSHA health standards, and unique safety and health issues workshop. (20) students is minimum and maximum per course.
OSHA Course 6000, (formerly 600)	<u>Collateral Duty Course for Other Federal Agencies</u>
4 1/2 Days, 2.2 CEUs, 4.0 (S) CMs	This course introduces federal agency collateral duty safety and health personnel to the OSH Act, Executive Order 12196, 29 CFR 1960, and 29 CFR 1910. The training enables the student to recognize basic safety and health hazards in the workplace and effectively assist agency safety and health officers with inspection and abatement efforts. (20) students is minimum and maximum per course.
OSHA Course 7845, (formerly 845)	<u>Injury and Illness Recordkeeping</u>
1 Day, CEUs (applied for)	OSHA's recordkeeping requirements are designed to help employers recognize workplace hazards and correct hazardous conditions by tracking work-related injuries and illness and their causes. (20) students is minimum and maximum per course.



Course Number	Title/Description
Course 1106	<u>Hydrogen Sulfide (H2S) Instructor Development</u>
3 Days	This course is intended to provide technical skills-level training to the petroleum industry, municipalities, utilities, research and development, laboratories, transportation, paper/pulp/food processing and chemical manufacturing companies through intensive training to develop knowledgeable and competent instructors in Hydrogen Sulfide (H2S) safety. Through lectures, group discussion, hands-on exercises, equipment demonstrations, and student participation with current hydrogen sulfide technology, each participant will gain the knowledge required to conduct effective classes for a wide variety of potential audiences. This H2S Instructor Development program follows the ANSI Z390.1-1995 Hydrogen Sulfide Training Standard, as well as the current American Petroleum Institute Recommended Practices as the primary training criteria. It incorporates federal and state H2S regulatory standards and other established industry standards. A certificate of completion and wallet card will be presented pending completion of the course and a passing score on the final examination. (20) students is minumum and maximum per course.
Course PRT248	<u>VPP Overview</u>
7 Hours	This course is designed to provide a general overview of OSHA's Voluntary Protection Program (VPP) for sites considering the value of participating in VPP. Topics will include history and successes of VPP and the program application process. Students will gain insight that can help make the program a priority with senior management.
Course PRT249	<u>VPP Requirements</u>
23 Hours	This course is intended for sites planning to apply for VPP. Topics include OSHA program documentation, the mentor program, the application process, annual evaluations and onsite reviews. The three-day format includes: lectures, group discussions and hands-on exercises. Emphasis is places on successfully achieving and maintaining VPP status.
Course PRT252	<u>VPP Auditor</u>
23 Hours	This course develops the skills needed to audit a Voluntary Protection Program (VPP) site, including examination of documentation, interviewing, recognition of effective programs, trend analysis, communication with management and evaluation of management commitment and employees involvement. Course designed for employees who are assigned job responsibilities as VPP coordinators. PREREQUISITES: OSHA Special Government Employee training or the PRT249 VPP Requirements course.



Course Number	Title/Description
Course FOP100 40 Hours	<u>NFPA 1021 Fire Officer I</u> This course is five (5) days in duration and is designed to meet the needs of the first-line company officer. The Fire Officer I course is designed to satisfy the elements of NFPA 1021, chapter 4 and provide the tools necessary to obtain certification through NPQS (Pro Board) and Texas Commission on Fire Protection. It is designed around classroom lectures and group interactive exercises. American Council on Education (ACE) college credit recommendation: In the lower division baccalaureate/associate degree category, 3 semester hours in Fire Administration, Fire Science Administration/Management, Public Administration or Emergency Medical Services (4/04). Upon successful completion of this course, the student will be awarded 4.0 Continuing Education Units (CEU) certified through the International Association for Continuing Education & Training.
Course FOP200 40 Hours	<u>NFPA 1021 Fire Officer II</u> This course is five (5) days in duration and is designed to meet the needs of the mid-level officer/supervisor. The Fire Officer II course is designed to meet the elements of NFPA 1021, chapter 5 and provide the tools necessary to obtain certification through NPQS (Pro Board) the Texas Commission on Fire Protection. It is designed around classroom lectures and group interactive exercises. American Council on Education (ACE) college credit recommendation: In the lower division baccalaureate/associate degree category, 3 semester hours in Fire Administration, Fire Science Administration/Management, Public Administration or Emergency Medical Services (4/04). Upon successful completion of this course, the student will be awarded 4.0 Continuing Education Units (CEU) certified through the International Association for Continuing Education & Training.
Course INS100 40 Hours	<u>NFPA 1041 Fire Instructor I</u> This course is five (5) days in duration and is designed to meet the needs of entry-level fire and emergency service instructors. The course meets or exceeds the job performance requirements in NFPA 1041, Chapter 4. The target audience for this course includes the Department of Defense, Industrial Brigade, and/or Municipal personnel. The Fire Instructor I course will provide the tools necessary to obtain certification through the National Professional Qualifications System (Pro Board), the Texas Commission of Fire Protection (TCFP) and/or State Firemen's and Fire Marshals' Association (SFFMA). The course is designed around classroom lectures, group activities, and individual presentations.
Course INS200 40 Hours	<u>NFPA 1041 Fire Instructor II</u> This course is five (5) days in duration and is designed to meet the needs of the intermediate-level fire instructor. The course is designed to meet or exceed the elements of NFPA 1041, Chapter 5. The Fire Instructor II course will provide the tools necessary to obtain certification through NPQS (Pro Board) and is designed around classroom lectures and classroom exercises.



Course Number Title/Description

Course DOP400	<u>NFPA 1002 Driver/Operator Aerial</u>
24 Hours	This course is four (4) days in duration and is designed to meet the needs of firefighters operating a fire department aerial truck and associated equipment. The course is designed to meet or exceed the elements of NFPA 1002, chapters 4 and 5. The Driver Operator/Aerial course will provide the tools necessary to obtain certification through NPQS (Pro Board). The course is designed around classroom lectures and field evaluation.

Course TEL100/200	<u>NFPA 1061 Telecommunicator I & II</u>
40 Hours	This course is five days in duration and is designed to meet the needs of those acting as public safety dispatchers in telecommunication centers. The course addresses the elements of NFPA 1061, "Standard for Professional Qualifications for Public Safety Telecommunicator", chapters 4 and 5 and provides students with the tools necessary to sit for the national certification exam administered at the end of the course. Course instruction centers on classroom lectures and group interactive exercises.

Fire Services / Emergency Services Training Institute (ESTI) Division
866-878-8900





Course Number	Title/Description
Course TTP313	<u>Fiber Optic Engineering Fundamentals</u>
20 Hours	The nature of fiber optic cables and the availability of the different types of fiber optic terminals provide many options for designing any particular fiber optic system. It is the engineer's responsibility to develop a system that will satisfy the technical requirements and ensure economic feasibility. This course introduces students to the concepts of fiber optic engineering. Upon successful completion of this course, you understand how to properly specify and select components, design cost-effective fiber optic systems, properly use the language when discussing fiber optic communications with vendors. TEEX is authorized by IACET to offer 2.0 CEUs for this program. This course is BICSI approved.
Course TTP310	<u>Fiber Optic Installer Certification</u>
32 Hours	The interconnection of a fiber optic cable is a critical part of system performance. The two most common ways of connecting fiber optic cables or components are through the use of splices and connectors. This course teaches students how to prepare fiber optic cables for splicing, splice fibers with a fusion splicer and with mechanical connectors, test fibers and make central office-end connectors. TEEX is authorized by IACET to offer 3.2 CEUs for this program. This course is BICSI approved.
Course TTP328	<u>Fiber Optic Installer Recertification</u>
12 Hours	Renew your ETA Fiber Optic Installer certification for another four years. Refresh your skills with hands-on fusion splicing, mechanical splicing and OTDR exercises. Upon successful completion of this course, you will be awarded 1.2 Continuing Education Units (CEU) certified through the International Association for Continuing Education & Training (IACET).
Course TTP303	<u>Fiber Optic Splicing</u>
32 Hours	The interconnection of a fiber optic cable is a critical part of system performance. The two most common ways of connecting fiber optic cables or components are through the use of splices and connectors. This course teaches you how to prepare fiber optic cables for splicing, to splice fibers with a fusion splicer and with mechanical connectors, to test fibers and to make central office end connectors. TEEX is authorized by IACET to offer 3.2 CEUs for this program. This course is BICSI approved.
Course TTP308	<u>Fiber Optic Troubleshooting</u>
20 Hours	This three-day course introduces you to the fundamentals of troubleshooting fiber optic systems. Learn to use various types of fiber optic test equipment to locate, analyze and correct trouble in a fiber optic network. TEEX is authorized by IACET to offer 2.0 CEUs for this program.



Course Number	Title/Description
Course EPP009	<u>Electric Power Principles</u>
24 Hours	This certificate course covers the principles and applications of electricity. Learn these principles from a combination of classroom and hands-on lab applications using electrical components you wire together then use meters to take circuit value readings. Apply formulas to verify your findings to gain a better insight into the behavioral characteristic of electricity. At the completion of this course, you have an understanding of electrical circuits and their applications and be better prepared for making judgments on the job. TEEX is authorized by IACET to offer 2.4 CEUs for this program.
Course EPP013	<u>Electrical Worker - Safe Work Practices</u>
16 Hours	This certificate course includes the required ?must-know? information necessary to work safely around, on or with electric utility tools, materials, equipment, facilities, and systems. You get nationally recognized safe work procedures and applicable OSHA compliance regulations for electrical transmission and distribution. At the completion this course, you are familiar with the nationally recognized safe work precautions, basic safe work procedures, and regulatory compliance measures for maintenance work on electric utility transmission and distribution systems. TEEX is authorized by IACET to offer 1.6 CEUs for this program.
Course ENV208	<u>Hazardous Waste Management</u>
24 Hours	This is a required EPA training course for anyone who manage or handle hazardous wastes at large quantity generator or Treatment Storage and Disposal (TSD) facilities. Small quantity generators are also required by the regulations to be thoroughly familiar with the compliance issues discussed in this course (40 CFR 262.34).
Course ENV212	<u>US DOT Hazardous Materials Employee Training</u>
16 Hours	Employee training requirements specified in 49 CFR 172, Subpart H are targeted in this course. This course is recommended for employees who load, unload, handle or prepare hazardous materials for ground transportation.
Course ENV209	<u>Hazardous Materials Management Survey</u>
32 Hours	Obtain an intense review of EH&S topics designed to prepare you to take the Certified Hazardous Materials Manager (CHMM) or Registered Environmental Manager (REM) exam.
Course ENV235	<u>Chemistry for Environmental Professionals</u>
24 Hours	Based on EPQ 165.21, this course provides a review of fundamental chemical concepts which underlay an understanding of applied environmental chemistry. The course is designed for environmental professionals who are not chemists, but who require a basic knowledge of chemistry and environmental chemistry in their work.



Course ENV221	<u>Soil and Groundwater Remediation</u>
16 Hours	This course covers theory and practical application of various on- and off-site remediation technologies for contaminated soil and groundwater. Presentations emphasize elements governing the selection of the most effective technology for a specific site. Case history workshops deal with problem-solving methodologies used in calculating field measurements and the cost of remediation.
Course ENV213	<u>Introduction to Environmental Health and Safety</u>
32 Hours	This course is a general overview of federal environment compliance requirements. Also included are the more common health and safety issues pertaining to occupational exposure to hazardous materials.
Course ENV215	<u>Hazardous Waste Update</u>
8 Hours	This course helps meet RCRA's annual training requirement for anyone managing or handling hazardous wastes at a large quantity generator site (LQG), also recommended for small quantity generators (LQG) and conditionally excluded small quantity generators (CESQG). Recommended Training: Hazardous Waste Management (ENV208).



Course Number Title/Description	
Course IEP001	<u>Physical Concepts</u>
16 Hours	This course provides an overview of the physical phenomenon associated with processes used in the manufacturing of semiconductor devices. Key topics include mathematical manipulation, quantitative measurements, the physical units of time and space, factors that affect motion, energy, and matter, physical laws that define properties of gases, electromagnetism and its effects, wave and particle theory, optical control of light, and equipment and process variables attributed to wafer manufacturing.
Course IEP002	<u>Chemical Concepts</u>
16 Hours	This course provides an overview of elements essential to chemical reactions at the molecular level, use of the periodic table of elements, types of chemical compounds, states of matter, primary gas laws, chemical solutions, effects of temperature on reactions, relationships between acids, bases, and salts. Safety considerations for working with various types of chemistry often found in the wafer processing equipment are also discussed.
Course IEP003	<u>AC Circuits</u>
16 Hours	This course provides a review of the various forms of AC voltage, instrumentation, effects of capacitance and inductance on circuits, frequency effects on reactive components, filter networks, transformer theory, and high frequency AC in the radio frequency spectrum.
Course IEP004	<u>DC Circuits</u>
16 Hours	This course provides a basic review of the relationships between voltage, current, and resistance as well as the power electricity has to do useful work. Participants will have the opportunity to study series, parallel, and series-parallel circuits and apply Ohm's law to various circuit combinations. Emphasis is placed on equipment repair and electrical safety.
Course IEP005	<u>Power Supply Concepts</u>
16 Hours	This course provides a review of the conversion of AC into DC voltage, regulation, filtering, and related circuits commonly associated with electronic power supplies. Discussions include the various strategies used in power conversion often found in electronic equipment used in e fab tooling.
Course IEP006	<u>Discrete Components</u>
16 Hours	This course provides a review of active devices used in electronic equipment with special emphasis on diodes, transistors, operational amplifiers, temperature transducers, and optical devices. These devices are studied in the context of their uses in electronic circuits.



Course Number Title/Description	
Course IEP007	<u>Digital Circuits</u>
16 Hours	This course provides a review of digital numbering systems, basic digital functions, combinational logic circuits, multi-vibrators, flip-flop circuits, latches, counters and memory devices.
Course IEP008	<u>Mechanical & Electrical /Mechanical Shop</u>
16 Hours	This course provides a review on the units of measure and the devices used to measure mechanical dimensions. Additional topics include cabling and wiring used in the fab on tooling; gears, springs, pulleys, drive systems, hydraulics, and pneumatics. Safety is emphasized for all mechanically assisted equipment.
Course IEP009	<u>Industrial Controls</u>
16 Hours	This course provides a review of how AC voltage is handled by facility personnel to power lighting, fab tooling, and electrical control equipment. A review of power and power factor is provided along with discussions on instrumentation for measuring power, power factor correction, electric motors, power transmission for both single and poly phase distribution, relay logic, industrial electrical diagrams, troubleshooting, and electrical safety.
Course IEP200	<u>Programmable Logic Controllers (PLC)</u>
16 Hours	The Programmable Logic Controller training course is an interactive 2-day course designed to prepare trainees to be successful in their mechanical/technical role. This is an introductory course to familiarize participants with the operation of programmable logic controllers (PLC's) and their use in machine control, energy management, and other industrial and facility applications. Participants will have the opportunity to apply their knowledge of programmable logic controller hardware and ladder logic to solve system problems. This generic approach to PLC's helps students understand how they function and are programmed and to apply them in control applications. Students use a personal computer (PC) and PLC programming software to program a PLC on a TEEX trainer and computer to learn and develop their skills by hands-on experiences.
Course IEP201	<u>Troubleshooting Industrial Control Circuits</u>
16 Hours	This 16-hour course provides a review of ladder logic circuits used in industrial and facility applications where electrical relay logic circuits are used to control equipment. Rather than the traditional lecture based training, this course focuses on hands-on practical applications of control where students actually build and troubleshoot the circuits themselves using a specially designed trainer.



Course Number	Title/Description
Course IEP203	<u>Troubleshooting Motor Control Circuits</u>
16 Hours	This hands-on 16 hour training course provides a review of motor control circuits used in industry and facility applications. An emphasis is placed on AC and DC motor control circuits, variable speed and frequency drive techniques, and a variety of soft start configurations. During the two-day course, participants actually build and troubleshoot a number of circuits in lab.
Course IEP204	<u>Electronics Trio</u>
40 Hours	This 40 hour course provides a review of motor control circuits with emphasis on AC and DC motor control circuits, and ladder logic circuits where electrical relay logic is used to control equipment both of which are used in industry and facility applications. In addition it will familiarize the participant with the operation of programmable logic controllers (PLC's) and how they function and how they are used.
Course SCP013	<u>Semiconductor Process Improvement</u>
40 Hours	SC Process Improvement is a management level overview of Lean Manufacturing process improvement techniques that specifically address Visual Controls, Work Standardization, Cell Manufacturing, and Physical Layout. This course will establish the basis for implementation, processes used to engage the workforce, waste in the process, and benefits for implementing these techniques. Participants will receive a copy of the presentation handout.
Course SCP001	<u>Semiconductor Processing Overview</u>
16 Hours	The Semiconductor Processing Overview training course is an interactive 2-day course designed to prepare trainees to be successful in their technical role. This is an introductory course to familiarize participants with the major steps in the semiconductor manufacturing process. Participants will have the opportunity to apply their knowledge of the process through interactive activities and discussions.
Course WBT000	<u>SCPO –Online</u>
Modules are self-paced, most take between 30 minutes to 3 hours to complete.	The Semiconductor Processing Overview Course offers an interactive learning experience that explains the front-end processes in the integrated circuit fabrication process from starting silicon to probe. Each module contains information about the purpose of the process step, the equipment and methods used, as well as the processing operations, quality issues, terms and acronyms.
Course SCP003	<u>Microcontamination</u>
8 Hours	This course presents an overview of theoretical and practical aspects of chemical and particle contamination and particle troubleshooting in semiconductor fabs. More in-depth coverage of these topics is presented in the three-day course, Microcontamination.

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