

**General Services Administration  
Federal Supply Service  
Authorized Federal Supply Schedule Pricelist**

**Worldwide Federal Supply Schedule Contract for**

**Training Aids, Devices & Instructor Led Training  
FSC GROUP 69  
FSC Class 6930**

**Contract Number GS-02F-0162N**

**Period Covered by Contract: July 15, 2003 though July 14, 2008**

**Special Item Number 27-400 Instructor Led Training  
Special Item Number 27-500 Course Development**

**Maritime Institute of Technology and Graduate Studies  
(MITAGS)**

**692 Maritime Blvd  
Linthicum Heights, Maryland 21090**

**410-859-5700 main**

**410-859-3206 fax**

**<http://www.mitags.org>**

Business Size: Large

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 <http://www.fss.gsa.gov>

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>

## CUSTOMER INFORMATION

- 1a. Table of awarded special item number(s) with appropriate cross-reference to page number(s):  
Special Item Number 27-400: Instructor Led Training page 4  
Special Item Number 27-500: Course Development page 27
- 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:
- |  |                |        |
|--|----------------|--------|
| Special Item Number 27-400, Instructor Led Training: | FLASHING LIGHT | \$140  |
| Special Item Number 27-500, Course Development:      | INST TNG       | \$1250 |
2. Maximum order: \$1,000,000
3. Minimum order: \$100
4. Geographic coverage (delivery area): Nationwide – domestic only
5. Point(s) of production: Linthicum Heights, MD and Seattle, WA
6. Discount from list prices or statement of net price: see pricing tables
7. Quantity discounts: see pricing tables
8. Prompt payment terms. Net 30
- 9a. Notification that Government purchase cards are accepted below the micropurchase threshold.
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micropurchase threshold: Government purchase cards are accepted.
10. Foreign items (list items by country of origin): N/A
- 11a. Time of delivery. 30 Days ARO
- 11b. Expedited Delivery: N/A
- 11c. Overnight and 2-day delivery: N/A.
- 11d. Urgent Requirements: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated

delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

12. F.O.B. point(s). Destination
13. Ordering address:  
Maritime Institute of Technology and Graduate Studies  
692 Maritime Blvd  
Linthicum Heights, Maryland 21090
14. Payment address: Maritime Institute of Technology and Graduate Studies  
Attn: Accounts Payable 410-859-5700  
692 Maritime Blvd  
Linthicum Heights, Maryland 21090
15. Warranty provision. N/A
16. Export packing charges, if applicable. N/A
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micropurchase level). standard terms
18. Terms and conditions of rental, maintenance, and repair (if applicable). N/A
19. Terms and conditions of installation (if applicable). N/A
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). N/A
- 20a. Terms and conditions for any other services (if applicable) N/A
21. List of service and distribution points (if applicable). N/A
22. List of participating dealers (if applicable). N/A
23. Preventive maintenance (if applicable). N/A
- 24.a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants).N/A
- 24.b. 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/](http://www.Section508.gov/). N/A
25. Data Universal Number System (DUNS) number: 010094977
26. Maritime Institute for Training and Graduate Studies is registered on the Central Contractor Registration (CCR) database. CAGE Code: OTWP3

**Maritime Institute of Technology and Graduate Studies  
GSA 2008 Price List**

SIN	Course Code	Course Title	Course Description	2008 GSA Price 6 Students or less	2008 GSA 7-11 (-10%)	2008 GSA 12 or > (-20%)	Course Period
27-400	AB	Able Seaman	The goal of this 44-hour training course, "Able Seaman", is to provide trainees with knowledge, understanding and proficiency in duties and responsibilities of the Able Seaman. This course is meant to satisfy the written examination requirements of 46 CFR 12.05-9 for the "Deck & Navigation General / Deck Safety" and "Deck General & Safety / Rules of the Road" exam modules for any Able Seaman endorsement; and the practical (knot tying) examination requirements of 46 CFR 12.05-9 for any Able Seaman endorsement.	\$475	\$428	\$380	Five Days
27-400	AIS-1	Automatic Identifications Systems Orient	This is a one-day orientation course on the Automatic Identification Systems (AIS). All international sailing merchant mariners should have an understanding of this new system as it is installed on the bridge of every international sailing vessel. This seminar is designed to acquaint the attendee with technologies that make up the AIS and to expose the attendee to the advantages and possible problems a professional mariner may confront with AIS. When AIS is combined with the electronic chart technologies it potentially can provide the watch officer with an icon for every significant ship within radio range, display its indicating speed and heading, reflect its actual size, name, classification, call sign, registration number, and other important information. There is no prerequisite for this seminar.	\$390	\$351	\$312	One Day
27-400	ARPA-4	Automatic Radar Plotting Aids 4-Day	The goal of this 4-day (course starts on Tuesdays) STCW/95 required course is to train deck officers and pilots in the proper use of ARPA. The curriculum exceeds IMO requirements. "Hands-on" simulation is conducted on Raytheon, Sperry, and Furuno raster scan ARPAs. Attendees are strongly advised to practice radar plotting before the start of class. Attendees to this 4-day course are required to hold a current USCG radar certificate.	\$975	\$878	\$780	Four Days
27-400	ASSOR TRNG	Uscg Assessor Training Seminar	The Shipboard Assessor's one day workshop is designed to familiarize the deck officer (usually a chief mate or master) with the contents U. S. Coast Guard's manual "Assessor's Manual for Conducting Mariner Assessments" and techniques, procedures, and practices in conducting assessments on board ship. It prepares the attendee for acting as a shipboard assessor.	\$215	\$194	\$172	One Day
27-400	AZIPOD 2-Day	Azipod Orientation & Training 2-Day	The two-day Azipod instruction course is designed to train the attendee on the unique maneuvering techniques and characteristics of an AziPod propulsion system. The course divides the time between lectures and simulator work. Simulator training includes using the AziPod system in the transit mode (active rudders), independent maneuvering mode and the joystick mode. Simulation exercises are designed to provide a realistic transition from one mode to the next during all phases of maneuvering that is from berth to berth.	\$2,115	\$1,904	\$1,692	Two Days

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27-400	AZIPOD 3-Day	Azipod Orientation & Training 3-Day	The three day Azipod instruction course is designed to train the attendee on the unique maneuvering techniques and characteristics of an azipod propulsion system. The course includes extensive simulator orientation to the transit mode (active rudders), independent maneuvering mode and the joystick mode. Simulation exercises are designed to provide a realistic transition from one mode to the next during all phases of maneuvering that is from berth to berth . A full range of environmental conditions and casualty situations will be simulated to challenge the attendee once familiarization with the equipment and handling characteristics of the vessel are mastered.	\$3,215	\$2,894	\$2,572	Three Days
27-400	AZIPOD -KAM-2	Azipod - Kamewa 2-Day Course	The two-day AziPod instruction course is designed to introduce the attendee on the unique maneuvering techniques and characteristics of the AziPod propulsion system and the Kamewa control system. The course includes simulator orientation to the "transit mode" (active rudders), "independent" maneuvering mode and the "joystick" mode. This course is for experienced maritime pilots or licensed mariners with ship handling experience and is an abbreviation of the 3-day course.	\$2,150	\$1,935	\$1,720	Two Days
27-400	AZIPOD -KAM-3	Azipod - Kamewa 3-Day Course	The three-day Azipod instruction course is designed to introduce the attendee on the unique maneuvering techniques and characteristics of the Azipod propulsion system and the Kamewa control system. The course includes extensive simulator orientation to the transit mode (active rudders), independent maneuvering mode and the joystick mode. Simulation exercises are designed to provide a realistic transition from one mode to the next during all phases of maneuvering that is from berth to berth . This course is for experienced maritime pilots or licensed mariners with ship handling experience.	\$3,190	\$2,871	\$2,552	Three Days
27-400	BRM	Bridge Resource Management	This course meets the USCG requirements as outlined in 46 CFR 10.205(o) and the STCW 95 requirements of Section B, VIII/2, Part 3-1. The course provides instruction on the effective use of all available resources to enhance navigational safety. Emphasis is on the role that "situation awareness" plays in preventing accidents caused by error chains. The MITAGS Shiphandling simulator is used to apply techniques learned in the classroom sessions.	\$3,470	\$3,123	\$2,776	Five Days
27-400	BRM-3	Bridge Resource Management- 3 Day	This is an abbreviated version of the 5-day BRM course. It is designed to meet the USCG requirements in 46 CFR 10.205(o) and the STCW-95 requirements of Section B, VIII/2, Part 3-1. There is no simulator phase with this 3 day course.	\$855	\$770	\$684	Three Days

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27-400	BRMP	Bridge Resource Management-Pilots 2-Day	This two-day course provides the principles and practices of Bridge Resource Management as defined by the American Pilot Association, 33 CFR 157.415 and Part 164. Topics covered include an overview of Bridge Resource Management, Regulatory and Industry Initiatives, Situation Awareness, Communications, the Master-Pilot Information Exchange, Risk Assessment, Error Detection, Culture and Diversity, Developments in Technology and Automation, Vessel Traffic Systems and Technology, and Human Performance. This curriculum has been approved by the American Pilots Association as satisfying guidelines for renewal courses in Bridge Resource Management for Marine Pilots.	\$855	\$770	\$684	Two Days
27-400	BRMP-EMR	Brm And Emergency Ship Hdlng For Pilots	This 3-day, 21 hour course of instruction is designed to provide qualified maritime pilots instruction and proficiency in Emergency Shiphandling and Bridge Resource Management for Pilots. The program is American Pilots Association (APA) endorsed. It uses full-mission bridge simulation to reflect and reinforce the BRMP concepts through simulation emergency exercises. Opportunity is provided to the attendee to demonstrate appropriate skills and abilities consistent with the BRMP objectives during the emergency shiphandling exercises. Shiphandling exercises are scripted with extensive role-play designed to provide unique challenges to the BRMP environment. Constructive post-simulation debriefs are led by the students with guidance and facilitation by the instructors to ensure that both the review of the shipboard emergency simulation events and the BRMP events are identified and discussed. This program has no formal assessment nor is it designed to formally instruct pilots in emergency	\$3,995	\$3,596	\$3,196	Three Days
27-400	BST	Basic Safety Training	with safety or pollution control duties. BST combines all four elements of basic safety into a 5-Day program. Training modules may be taken individually depending on attendee s needs. This training must be renewed every five years. This course is required by the STCW 95 Code for all mariners The individual modules are as follows: (MED-ELAID) ELEMENTARY FIRST AID (1 DAY), PSSR) PERSONAL SAFETY AND SOCIAL RESPONSIBILITY (SEMINAR), (FF-FPFF) FIRE PREVENTION AND FIRE FIGHTING (2 DAYS),(PST)PERSONAL SURVIVAL TECHNIQUES (2 DAYS). Please read the course descriptions for each of the individual courses.	\$1,250	\$1,125	\$1,000	Five Days

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27-400	BST-FF-FPFF	Fire Prevention And Fire Fighting	This course is designed to train all seafarers in minimizing the risk of shipboard fire, maintaining state of readiness to respond to shipboard fires, and fighting and extinguishing shipboard fires. It fulfills the requirements of STCW 95 Section A-VI/1, Table A-VI/1-2. The course also satisfies the basic fire fighting training component of an original license as outlined in Subpart C of 46 CFR. Attendees will be outside when attending fire school and should bring clothing appropriate for the season/weather.	\$475	\$428	\$380	Two Days
27-400	BST-MED-ELAID	Elementary First Aid	This course is designed to train all seafarers in providing lifesaving first aid, until the arrival of more highly trained medical personnel. It fulfills the standards of competency in elementary first aid as required by 46 CFR 10.205 (h) (1) (ii) and STCW 95 Section A-VI, Table A-VI/1-3. Through classroom lecture and use of anatomical mannequins, the attendee will demonstrate basic life support (CPR) for an adult victim, initial treatment for severe bleeding, initial treatment for severe burns, basic patient transport and Automated External Defibrillator techniques.	\$225	\$203	\$180	One Day
27-400	BST-PSSR	Personal Sfty & Social Rspnbly	This course is designed to train all seafarers in complying with emergency procedures, preventing pollution of the marine environment, observing safe work practices, fostering clear and effective communications aboard ship, Course fulfills the requirements of STCW 95 Section A-VI/1, Tables A-VI/1-3, 1-4.	\$185	\$167	\$148	One Day
27-400	BST-PST	Personal Survival Techniques	This course is designed to provide mariners with an overview of basic maritime personal survival techniques. It fulfills the requirements of STCW 95 Regulation VI/1, as outlined in Section A-VI/1, Table VI/1-1. The attendee, who successfully completes this course, will understand the use of survival craft, will know how to react properly during maritime emergencies, and will know what measures to take to enhance his/her personal survival and that of his/her shipmates. Attendees should bring clothing appropriate for swimming pool/in water activities.	\$475	\$428	\$380	Two Days
27-400	CDMGT	Crowd Management	This course is designed for mariners designated to assist passengers in emergency situations on passenger vessels. Attendees become familiar with lifesaving appliances and control plans, learn mustering procedures, and demonstrate the ability to assist passengers to muster stations. This course is USCG approved and satisfies crisis management and human behavior requirements outlined in STCW-95 Section A-V/2 and A-V/3.	\$295	\$265	\$236	One Day

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27-400	CHS BAS	Cargo Handling & Stowage Basic	The goal of this 35-hour training course, "Cargo Handling & Stowage", is to provide trainees with knowledge, understanding and proficiency in monitoring the loading, stowage, securing and unloading of cargoes and their care during the voyage. This course utilized the IMO Model Course 7.03, competence 2.1 "Monitor the Loading, Securing and Unloading of Cargoes and their Care During the Voyage" as a guideline for its development.	\$900	\$810	\$720	Five Days
27-400	CMM- ADVST B	Advanced Stability	Advanced Stability is required for anyone wishing to upgrade their USCG license to the chief mate/master level. Through this course, senior deck officer trainees will become proficient in stability and trim theory and its practicable applications. The attendee will satisfy the required competencies in STCW 95 Table A-II/2. The course objectives are also aimed at providing the ship's senior officers with the knowledge and competence sufficient to make full use of the stability booklet required for a vessel by 46 CFR 170.110. This course requires the trainee to have a fundamental understanding of basic stability and trim theory, as well as basic math and trigonometry. It is a fast-paced course, consequently there is not enough time to go over these areas in detail. Therefore, prior to taking this course, trainees must have successfully completed The National Cargo Bureau (NCB) self study course on stability, or The MITAGS Basic Stability training course or equivalent basic stability training.	\$1,285	\$1,157	\$1,028	Five Days
27-400	CMM- ADVWX	Advanced Meteorology & Ocean Science	Advanced Meteorology & Ocean Science is required for individuals who wish to upgrade their license to Chief Mate/Master. ADVWX satisfies the STCW-95 competencies for Meteorology as defined in Table A-II/2 and as outlined in the U. S. Coast Guard sNMC Policy Letter Number 04-02 of 11 January 2002. The course meets the meteorological training and learning objectives to Plan and Conduct a Passage and Determine Position, and the assessment requirements for Chief Mate and Master licenses applicable to vessels greater than 3000 gross tons. Additionally the course satisfies assessment task numbers M-6-1A and M-6-2A. The course provides the training required for an attendee to demonstrate the knowledge and skill in weather forecasting. It includes tropical weather systems, wave motion theory, weather interaction with vessel dynamics, major weather phenomena, tide and current predictions, and the use of facsimile and computer programs for minimizing the destructive effects of weather on ship operations.	\$965	\$868	\$772	Five Days

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27-400	CMM-CHS I	Cargo Handling & Stowage Week 1	<p>Week 1 of the Cargo Handling &amp; Storage course is a 35-hour course that presents the material necessary to meet the assessment of competence for an individual upgrading to Chief Mate/Master. CMM-CHS I includes information on cargo gear and cargo stress, cargo products, care of cargo during transit, containership operations, RO/RO vessel operations, dangerous cargo regulations, grain rules and other information on dry, bulk, or containerized cargos. When combined with Week 2 all cargo handling training requirements are met for license upgrading to chief mate/master. Both CMM-CHS I and CMM-CHS II must be completed within the period of one year to receive an "Advanced Cargo Operations" The MITAGS Advanced Stability (CMM-ADVSTB) course is a mandatory prerequisite for the MITAGS Cargo Handling and Stowage course. The MITAGS Advanced Stability must be taken and successfully passed before attending either the CMM-CHS I or CMM-CHS II. Prerequisite: A Third Mate's license or above or equivalent experience is a requirement for this course. The MITAGS Advanced Stability (CMM-ADVSTB) course is a mandatory prerequisite for MITAGS Cargo Handling and Stowage (CMM CHS I &amp; II) course.</p>	\$1,020	\$918	\$816	Five Days
27-400	CMM-CHS II	Cargo Handling & Stowage - Week 2	<p>Week 2 of the Cargo Handling &amp; Storage course is a 35-hour course that presents the material necessary to meet the assessment of competence for an individual upgrading to a Chief Mate/Master. CMM-CHS II includes information on tankers and tanker operations, liquefied gas tanker operations, ships construction, dry-docking, and surveys. When combined with Week 1, all cargo handling training requirements are met for license upgrading to chief mate/master. Both CMM-CHS I and CMM-CHS II must be completed within the period of one year to receive an Advanced Cargo Operations . The MITAGS Advanced Stability (CMM-ADVSTB) course is a mandatory prerequisite for the MITAGS Cargo Handling and Stowage course. The MITAGS Advanced Stability must be taken and successfully passed before attending either the CMM-CHS I or CMM-CHS II. Prerequisite: A Third Mate's license or above or equivalent experience is a requirement for this course. The MITAGS Advanced Stability (CMM-ADVSTB) course is a mandatory prerequisite for the MITAGS Cargo Handling and Stowage (CMM-CHS I &amp; II) course.</p>	\$1,020	\$918	\$816	Five Days

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27-400	CMM-ECDIS	Electronic Chart Display & Info Sys	The Electronic Chart Display and Information Systems (ECDIS) course is a required part of the Advanced Navigation requirement for the Chief Mate/Master license. This USCG approved ECDIS course, when combined with successful completion of the MITAGSVoyage Planning Electronic Navigation (VPEN) Course results in satisfying all of the assessments required for Advanced Navigation. Course attendees must be licensed officers. The 35-hour ECDIS course is designed to enhance the safety of navigation by providing the knowledge and skills necessary to fully utilize ECDIS. Conforming to IMO Performance Standards for ECDIS, the course incorporates live marine ECDIS equipment, networked with interactive blind bridge simulators. Class size is limited so that there will be one mariner per workstation, and no more than two mariners working in rotation on the ECDIS bridge simulation. Mariners become proficient in operating ECDIS equipment in navigational contexts of increasing challenges. Guided by task performance measures and standards through lessons, exercises, and formal simulation evaluations mariners develop and demonstrate their skills in validity of sensor data (including radar overlay), potential errors of interpretation, selecting operational settings and alarms for route monitoring, use, installation and correction of electronic charts, route planning and scheduling, navigational calculations, accessing ship's log and data playback functions, and ARPA, AIS and trial maneuver functions. Prior to taking this course, mariners must be certified in coastal navigation and basic piloting and be skilled in intermediate computer operations. Mariners will benefit from prior experience in collision avoidance on ARPA and Radar (strongly recommended), Ship Handling, Bridge Resource Management, and Chart Portfolio Management.	\$1,250	\$1,125	\$1,000	Five Days
27-400	CMM-MPP	Marine Propulsion Plants	The Marine Propulsion Plants course is designed as a 35-hour training course to give the student a basic understanding to operate remote controls of propulsion plant and engineering systems and services. The expected learning outcome is that the trainee will demonstrate knowledge and understanding of Diesel engine theory, Steam turbine systems, Gas Turbine theory, Propellers and propeller shafting, Bridge control, Distillation and fresh-water systems, Pumps and pumping systems, Steering gear equipment, Generators, Alternators and Electrical distribution, Refrigeration, Air-Conditioning and Ventilation, Sewage treatment plants, Oily-water Separators and oil filtering equipment, Incinerators, Deck Machinery, Hydraulic systems.	\$995	\$896	\$796	Five Days

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27-400	CMM-SHMGT I	Ship Mgt-Personnel Sfty-Maritime Law-Wk1	The 35-hour (week 1) Ship Management course complies with the training requirements of NMC Policy Letter 04-02 Ship Management and the STCW Code Table A-II/2. This 5-day session focuses on Maritime Business and Law. This session can be taken independently of CMM-SHMGT II, but a Ship Management certificate will not be issued unless both sessions have been completed within one year of each other. Course attendees will gain knowledge and understanding of maritime business practices and maritime law necessary to operate a vessel at the management level. An attendee will be able to demonstrate an understanding in the following areas: Certificates and Documents, International Safety Management Code, SOLAS, Seamen s Articles of Agreement, Certification and Training of Seafarers (STCW95), Manning and Work Hours, Vacation Holidays with Pay including leave and repatriation, Catering for Crews and on Board including Accommodation regulations. This course is designed for qualified Third and Second mates who wish to upgrade their USCG License to Chief Mate / Master but there is no prerequisite training or qualifications necessary to take this course	\$1,015	\$914	\$812	Five Days
27-400	CMM-SHMGT II	Ship Mgt-Personnel Sfty-Maritime Law-Wk2	The 35-hour (week 2) Ship Management course complies with the training requirements of NMC Policy Letter 04-02 Ship Management and the STCW Code Table A-II/2. This 5-day session focuses on crew training techniques, employee counseling and evaluations, safety and shipboard medical care. This session can be taken independently of CMM-SHMGT I, but a Ship Management certificate will not be issued unless both sessions have been completed within one year of each other. This course qualified Third and Second mates who wish to upgrade their USCG License to Chief Mate / Master but there is no prerequisite training or qualifications necessary to take this course. Additionally, successful completion of CMM-SHMGT II will earn the attendee an equivalency for the Vessel Personnel Management course.	\$1,015	\$914	\$812	Five Days

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27-400	CMM-SHS-ADV I	Advanced Shiphandling I	The Advanced Shiphandling Course is designed to meet the shiphandling standard of competence for Masters or Chief Mate on vessels of 500 or more gross tonnage (ITC) and the National Assessment Guidelines for Table A-II/2 of the STCW code. The Advanced Shiphandling Course is divided into two, one-week modules, CMM-SHS-ADV I and CMM-SHS-ADV II. Each week of the Advanced Shiphandling Course is independent of the other and comes with an "Interim Completion Certificate" issued to students who have successfully completed only one of the two weeks. Both weeks must be completed successfully within one year before a final STCW compliant certificate of competence will be issued. The attendee will demonstrate his/her knowledge, understanding and proficiency in shiphandling on a Full Mission Simulator. A Basic Shiphandling course or equivalent experience through sea service is a prerequisite for this course.	\$3,480	\$3,132	\$2,784	Five Days
27-400	CMM-SHS-ADV II	Advanced Shiphandling II	The Advanced Shiphandling Course is designed to meet the shiphandling standard of competence for Master or Chief Mate on vessels of 500 or more gross tonnage (ITC) and the National Assessment Guidelines for Table A-II/2 of the STCW code. The Advanced Shiphandling Course is divided into two, one-week modules, CMM-SHS-ADV I and CMM-SHS-ADV II. Each week of the Advanced Shiphandling Course is independent of the other and comes with an "Interim Completion Certificate" issued to students who have successfully completed only one of the two weeks. Both weeks must be completed successfully within one year before a final STCW compliant certificate of competence will be issued. The attendee will demonstrate his/her knowledge, understanding and proficiency in shiphandling on a Full Mission Simulator. Upon completion of both courses, the attendee will have met the requirements reflected in STCW'95 Table A-II/2 and the following assessments reflected in the National Assessment Guidelines: M-3-1A, M-7-1A, M-7-2A, M-7-3A, M-7-3B, M-7-4A, M-7-5A, M-8-1A, M-8-2A, M-8-3A, M-8-4A, M-8-5A, M-8-6A, M-8-6B, M-8-7A, M-8-8A, and M-9-9A. A Basic Shiphandling course or equivalent experience through sea service is a prerequisite for this course.	\$3,480	\$3,132	\$2,784	Five Days

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27-400	CMM-VPEN	Voyage Planning And Electronic Nav.	The goal of this 35-hour training course is to provide the attendee with knowledge, understanding and proficiency in appraising and planning an ocean and coastal voyage, and using bridge electronics such as GPS, GYRO and Autopilot in executing the plan. Voyage Planning and Electronic Navigation, when combined with an approved ECDIS course, meets the STCW-95 competencies for Advanced Navigation as delineated in Table A-II/2 and as specified in the U. S. Coast Guard s NMC Policy Letter Number 04-02 of 11 January 2002. Again, when combined with an approved ECDIS course it meets the Advanced Navigation training and learning objectives to Plan and Conduct a Passage and Determine Position, and the assessment requirements for Chief Mate and Master licenses applicable to vessels greater than 3000 gross tons. Additionally, the course satisfies assessment task numbers M-1-1A, M-1-1B, M-1-2G, M-1-2H, M-1-2I, M-2-1A, M-2-1D, M-2-1E, M-2-1F, M-6-3A, M-6-3B, M-6-3C. Attendees who successfully complete this course and an approved ECDIS Course within 1 year of each other, will be issued a certificate stating that they have satisfied the requirements for Advanced Navigation as set out in NMC Policy Letter 04-02 and as delineated in Table A-II/2 of the STCW Code.	\$1,180	\$1,062	\$944	Five Days
27-400	CMM-WKP	Watchkeeping Procedures	This 35-hour course of instruction is designed to provide experienced Deck Officers (Second Mate and above)with advanced training and understanding in the application of the U.S. Inland and International Rules for the prevention of collisions at sea. It is also meant to prepare them for organizing and managing a bridge team. Upon completion of this course the attendee will be able to: Demonstrate through interactive presentations, a thorough knowledge and understanding of the collision regulations including their application and intent in complex multi-ship situations. Demonstrate an understanding of Bridge Resource Management principals and techniques for organizing and motivating the bridge team. Additionally, attendees will perform practical assessments that meet performance standards equivalent to the following USCG Control Sheets (NMC Policy Letter 04-02, enclosure 3):M-4-1A Identify vessels by light configurations M-4-1B Identify vessels by Day Shapes	\$998	\$898	\$798	Five Days
27-400	CNAV	Celestial Navigation	The goal of this 80-hour training course is to provide trainees with knowledge, understanding and proficiency in "Celestial Navigation." The training requirements in Table A-II/1 of the STCW Code are addressed in this course as well as the requirements set forth in USCG Policy Letter 01-02. The expectation is that it will fulfill this training for deck officers at the operational level, including Mate, 500/1600 GRT, Third Mate, and Second Mate AGT. The IMO Model Course 7.03 was utilized as the framework for this program.	\$1,800	\$1,620	\$1,440	Ten Days

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SIN	Course Code	Course Title	Course Description	2008 GSA Price 6 Students or less	2008 GSA 7-11 (-10%)	2008 GSA 12 or > (-20%)	Course Period
27-400	COMP-APS	Computer Application Programs	This course is designed to provide a better understanding of the utility of modern desktop computer systems. The focus is on review and understanding Microsoft Windows 2000 as well as a working knowledge of Microsoft's Word and Excel along with an introduction to the Internet. COMP-OPSYS or its equivalent is a prerequisite for this course.	\$955	\$860	\$764	Five Days
27-400	COMP-DB	Computer Databases	This five-day course provides a practical approach to the use and development of database applications. The course provides the attendee with a brief overview of the workings of Microsoft Windows 2000 and database concepts. This is to insure that the attendee is well grounded in db application basics. The majority of the course focuses on the design and practical use of database applications and concentrates on the creation of typical database uses. The course uses Microsoft Access as the db application. COMP-APS is a prerequisite for this course.	\$955	\$860	\$764	Five Days
27-400	COMP-MAR	Computer Mariner Application Programs	This course is designed to provide the professional mariner with the knowledge and skills necessary to use standard computer applications that are designed for the maritime industry. The course includes a review of GPS and DGPS, raster and vector electronic charting concepts, voyage planning using a typical electronic charting program, use of electronic charting in conjunction with GPS in a simulation environment, and concepts and examples of weather routing.	\$955	\$860	\$764	Five Days
27-400	COMP-NET	Computer Network Systems	This course is an introduction to various types of common networks. It focuses on Server based and Local Area Networks and is designed to provide knowledge on the use and basic troubleshooting of networked systems. COMP-OPSYS or its equivalent is a prerequisite for this course.	\$975	\$878	\$780	Five Days
27-400	COMP-OPSYS	Computer Operating Systems	Computer Operating Systems is an introduction to desktop computers and their attendant operating systems. It is an overview of desktop computer hardware and software components. Emphasis is on understanding and using Microsoft operating systems.	\$955	\$860	\$764	Five Days
27-400	CONT PLNG WKSHP	Contingency Planning Workshop	This one day, 7 hour workshop will introduce the attendee to the concepts of contingency planning and emergency management using NFPA 1600 Standard on Disaster/Emergency Management and Business Continuity Workshops. An attendee successfully completing the Contingency Planning workshop will be able to: List the steps in the Emergency Management Process, Describe methods to mitigate potential risks, List the components of preparedness to include, but not limited to planning, coordination with other agencies, training and drills, Describe actions when responding to an emergency, and Describe considerations in the recovery process. There is no prerequisite for this workshop.	\$305	\$275	\$244	One Day

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27-400	CRMGT	Crisis Management And Human Behavior	This course is designed for mariners designated to assist passengers in emergency situations on passenger vessels. Attendees learn to assist passengers in emergency situations, control passenger responses in emergency situations, and establish and maintain effective communications. This course is USCG approved and satisfies crisis management and human behavior requirements outlined in STCW 95 Section A-V/2 and A-V/3.	\$295	\$265	\$236	One Day
27-400	CSE-AAES	Confined Space Entry-Aaespaces	The five day Confined Space Entry course is designed for mariners who have a need to enter a vessel s confined or enclosed spaces. It is written to comply with OSHA standard 29CFR 1910.146, 29CFR 1915 Confined Space for Mariners and the guidance contained in the International Safety Guide for Oil Tankers and Terminals (ISGOTT). The course presents the construction, operational features, limitations and calibration of oxygen analyzers, portable gas detection instruments and colormetric tubes.	\$955	\$860	\$764	Five Days
27-400	CSE-AWR-2	Confined Space Entry-Confined Space Awar	This two-day course is designed to provide awareness training to mariners on the dangers and proper procedures for entering a vessel s confined or enclosed spaces.	\$405	\$365	\$324	Two Days
27-400	CSE-COMPE R	Confined Space Entry-Competent Person	This eight-hour seminar is designed to provide introductory training in the evaluation and atmospheric testing related to entering a confined space as defined in 29 CFR 1910 and 29 CFR 1915.	\$295	\$265	\$236	One Day
27-400	DCS	Diesel Control Systems	This course provides the deck officer with an understanding of the operation of typical marine diesel propulsion plants and associated auxiliary systems as required for the safe navigation of vessels using bridge control.	\$940	\$846	\$752	Five Days
27-400	DGPS	Differential Global Positioning System	Differential Global Positioning System	\$1,635	\$1,472	\$1,308	One Day
27-400	ENAV	Electronic Navigation	The goal of this 35-hour training course, "Electronic Navigation at the Operational Level", is to provide trainees with knowledge, understanding and proficiency in the use of electronic navigational aids. The documentation for the course consists of three parts: Part 1: Curriculum & Lesson Plans; Part 2: Instruction Guide & Student Manual; • Part 3: Optional Reference Guide. Table A-II/1 of the STCW '95 code and portions of IMO Model Courses 7.03, 1.27 and 1.07 were utilized in the design of this training course.	\$1,100	\$990	\$880	Five Days

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27-400	ENVPR O 2-DAY	Environmental Protection 2-Day	This 2-day (14-hour) course of instruction is designed to provide an introduction to International and US Environmental Protection regulations that apply to the maritime industry. An attendee successfully completing the Marine Environmental Protection program will be able to: 1) Describe compliance requirements for the Federal Water Pollution Control Act, Oil Pollution Control Act and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 2) Describe compliance requirements for handling hazardous material as defined in the International Maritime Dangerous Goods Code and under US 49 CFR 172. 3) Describe compliance with international regulations for air emissions 4) Describe compliance with 5) Describe compliance with the Resource Conservation Recovery Act (RCRA) 6) Describe compliance with international and US regulations regarding non-indigenous species and protection of marine mammals. This course is designed for all mariners	\$640	\$576	\$512	Two Days
27-400	EP	Emergency Procedures	The goal of this 21-hour training course, "Emergency Procedures", is to provide trainees with knowledge, understanding and proficiency in Responding to emergencies at sea and in port. The training requirements in Table A-II/1 of the STCW Code are addressed in this course as well as the requirements set forth in USCG Policy Letter 01-02. The expectation is that it will fulfill this training for deck officers at the operational level, including Mate, 500/1600 GRT, Third Mate, and Second Mate AGT. The IMO Model Course 7.03 was utilized as the framework for this program.	\$600	\$540	\$480	Three Days
27-400	FF-ADV	Advanced Fire Fighting	This STCW 95 required course examines fire fighting techniques and control of fire fighting operations with emphasis on organization, tactics, and command functions. Because of the intense management focus, this course does not incorporate any livefirefighting activities. This course satisfies the STCW 95 advanced FF requirements, Part C, in 46 CFR and is required for all individuals raising their license. Fire Prevention and Fire Fighting (FF-FPFF) or Basic Fire Fighting (FF-BAS) is a prerequisite for this course.	\$975	\$878	\$780	Five Days
27-400	FF-BADV	Fire Fighting Combined Basic & Advanced	This course combines Basic Fire Fighting and Advanced Fire Fighting into a 5-day course. The Basic portion of the course includes classroom training, followed by hands-on use of equipment. It will enable the deck officer to plan for and combat on board fires and emergencies. Actual fire fighting is done using a variety of equipment and techniques. This portion of the course meets the requirements reflected in STCW 95 Section A-VI/1, Table A-VI/1-2 and Part C, 46 CFR for the basic fire-fighting component for original. The Advanced portion of the course meets all STCW'95 requirements by providing the attendee with instruction in fire fighting techniques and control of fire fighting operations with emphasis on organization, tactics, and	\$1,085	\$977	\$868	Five Days

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27-400	FF-LND	Shipboard Fire Fighting For Land-Based Fire	This 9-day course is designed for land-based fire fighters who are called upon to provide shipboard fire fighting services up to three miles offshore. The program teaches ship types, arrangements and construction, allowing personnel to understand the basic concepts in developing strategies and tactics for shipboard fire fighting. Shipboard safety and water survival are emphasized throughout the program. Incorporated in this course are ship tours, live fire training and command simulation exercises.	\$1,820	\$1,638	\$1,456	Nine Days
27-400	FF-RRIT	Rapid Response Investigation Team	The Rapid Response Investigation Team Training Program is a 5 to 7-Day (depending on the needs of the customer), 35-hour course of instruction. It is designed to develop three (3) five (5) person groups into shipboard based, roving, rapid response fire fighting teams. The teams are trained to observe, analyze, decide and act as front line fire prevention teams as part of their normal day-to-day work and as part of their normally assigned duties. Team members are trained to, respond, in the event of a fire, within two minutes and take necessary action to control and extinguish incipient fires and communicate within the vessel's command structure. The program emphasizes the integration of the RRT with in the existing incident management	\$1,070	\$963	\$856	Five to Seven Days
27-400	FL	Flashing Light	Brief preparation and refresher leading up to, and including, the USCG Flashing Light Exam. The examination is valid up to one year prior to license update.	\$140	\$126	\$112	One Day
27-400	FRB	Fast Rescue Boat	This course provides a hands-on experience in the launch and operation of a typical fast rescue boat, the conduct of effective search patterns, and the recovery of victims in various weather and sea conditions. This course meets all of the STCW 95 requirements.	\$2,210	\$1,989	\$1,768	Five Days
27-400	GCC-INSP	Gas Carrier Course For Inspectors	This is a custom course, designed for USCG inspectors which, provides instruction in the operation of liquefied natural gas carriers, including the areas of vessel safety, cryogenic cargo properties, thermodynamics, cargo handling, instrumentation, containment, IMO and USCG/DOT regulations, and inspection procedures.	\$1,840	\$1,656	\$1,472	One Day

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27-400	GCC-LG	Tank Ship Liquefied Gas	This ten day, two week course is intended to provide specialized training for personnel responsible for operating liquefied natural gas carriers (LNGC). The attendee will be provided with instruction, information and experience relevant to their assigned duties. Classroom training is augmented with opportunities for hands-on application using the cryogenic simulator. This course meets the training standards required by STCW Regulation V/1 paragraph 2.2., and Section A-V/1 paragraph 22 and 46 CFR 13.113, 13.115, 13.209, 13.309, 13.409 or 13.509 for a tankerman endorsement. Successful completion of this course should enable students to perform specific duties and responsibilities related to those duties in connection with cargo and cargo equipment. The student will have a basic understanding of regulations and codes of practice; chemistry and physics; health hazards; cargo containment; pollution; cargo handling systems; ship operating procedures; safety practices and equipment; emerg	\$1,995	\$1,796	\$1,596	Ten Days
27-400	GCC-TERM	Gas Carrier Terminal Course/Lng Pic	The course is intended to familiarize LNG terminal personnel with liquefied gas tanker safety and cargo operations. Classroom training is augmented with opportunities for hands-on application using the cryogenic simulator. Upon successful completion of this course, the attendee will have a basic understanding of the properties and hazards of liquefied gas, cargo containment systems, cargo equipment and instrumentation, safety precautions and measures, ship/shore interface and emergency procedures as they relate to LNG cargo and cargo equipment.	\$1,875	\$1,688	\$1,500	Five Days
27-400	GMDSS	Global Maritime Distress & Sfty Sys	This 10-day USCG approved course satisfies the STCW 95 requirements. The first week reviews the FCC theory in preparation for the GMDSS Operators License exam, given at the end of the first week. Week two involves hands-on operation in the lab with the various GMDSS communications systems, including DSC/VHF, DSC/MF/HF, NBDP (Telex), INMARSAT C, and others, to prepare the attendee for the IMO/STCW 95 competency exams at the end of the course. The deck officer departs MITAGS with the confidence that he/she not only knows the theory, but the practical operation of the GMDSS equipment.	\$975	\$878	\$780	Ten Days
27-400	GMDSS-REF	Global Maritime Distress Refresher	This 5-day refresher course is a review of the GMDSS operations and procedures through hands-on operation in a GMDSS equipment lab with the various communications systems, including DSC/VHF, DSC/MF/HF, NBDP (Telex), INMARSAT C, and other equipment. Prerequisites for this refresher course are a valid GMDSS FCC Operator License and a GMDSS Course Certificate from a USCG approved 70 hour GMDSS course. This course is offered as either a one-week stand-alone course or during the second week of a regularly scheduled 70-hour GMDSS Course.	\$975	\$877	\$780	Five Days

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27-400	GMDSS-ROC	Global Maritime Distress-Rst Opr Cert	This twenty-one (21) hour course covers the training recommended by the U.S. GMDSS Implementation Task Force in order to achieve the Learning Objectives required by Table A-IV/2 of the STCW code for Sea Area A-1 operation. A trainee successfully completing this course and passing the prescribed examinations will be able to efficiently operate the GMDSS equipment, and to have primary responsibility for radio-communications during distress incidents. Training is also provided in the technique to avoid the unintentional transmission of false distress alerts and relays and the procedures to use in order to mitigate the effects of such transmissions.	\$730	\$657	\$584	Three Days
27-400	HAZ	Hazardous Materials	This course reviews the regulations, safe handling, and stowage of hazardous cargoes to comply with DOT regulations. The attendee is introduced to 49 CFR Parts 100-185, IMO IMDG Code (5 volumes), Chemical Data Guide for bulk shipment by water, Emergency Response Guidebook.	\$1,015	\$914	\$812	Five Days
27-400	HAZMAT	Hazardous Materials - Seminar	This seminar presents the information necessary to satisfy Department of Transportation 49 CFR 172 and satisfies the three year recurrent training requirement under Subpart H 172.704.	\$150	\$135	\$120	One Day
27-400	HF-CEM	Human Factors-Crew Endurance Management	The 24/7 nature of maritime operations (be they commercial, military or governmental) exposes crewmembers to a number of risk factors that can degrade crew endurance-that is, the physical stamina and mental alertness of the crew. Examples of such risk factors are: sustained wakefulness, temperature/weather extremes, unpredictable/heavy workloads, shipboard practices, and regulatory/industry standards demands. Such degradation affects performance and safety primarily; however, it has longer term consequences for the health of crewmembers and personnel retention. This two day course is designed to provide management and professional mariners with the practical knowledge and skills to develop, deploy, and assess an Endurance Management System (CEMS) within their organization.	\$555	\$500	\$444	Two Days
27-400	HF-FSM	Fatigue, Sleep And Medications	This one-day program will assist the attendee to understand how medications, certain sleep patterns, and sleep disorders can decrease their effectiveness or even potentially increase the risk of errors during transits. Basic information on the sleep and fatigue will be presented. Participants will review several effects of some prescription and over-the-counter medications on piloting performance and fatigue. Additionally, positive and negative utilization of caffeine as a stimulant will be discussed.	\$380	\$342	\$304	One Day

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27-400	LAP	License Advancement Program	A complete review of both terrestrial and celestial navigation in preparation for the USCG license exam. Frequent practice exams utilize actual Coast Guard Rules of the Road questions. The theory and practice of vessel stability and trim calculations are reviewed in preparation for the USCG license exam, along with the Deck Safety and Navigation General modules of the USCG license exam.	\$3,325	\$2,993	\$2,660	One Day
27-400	LEG	Legal Aspects Of Piloting - Seminar	A maritime attorney provides an overview of federal, state and international regulation of pilots and pilotage with a focus on how the regulatory and legal process affects how pilots do their jobs. Some of the topics covered include: the background and relationship of the respective federal, state and international regulatory jurisdictions, the role of the pilot, what to do after a casualty, and specific federal regulatory requirements. The instructor will attempt to tailor the course to the specific legal circumstances of the attendees.	\$220	\$198	\$176	One Day
27-400	LFBT	Lifeboatman	The goal of the 30 hour Lifeboatman course is to provide training and knowledge to ensure the attendee meets all requirements for Lifeboatman certification under both 46 CFR 12.10-3 through 10.7 and STCW Regulation A-VI-2 and Table A-VI/2-1.	\$635	\$572	\$508	Five
27-400	LIC EXAM REN	License Renewal Exam Preparation	This four hour seminar provides the professional mariner with step-by-step procedures necessary to renew his or her deck officer license under STCW/95. The seminar gives information on what documents have renewal components and what has to be done to renew or reinstate them. The attendee will receive a descriptive "checklist" that provides a road map to guide the mariner through this complex and lengthy process.	\$190	\$171	\$152	One Day
27-400	MED-CPR	Cardiopulmonary Resuscitation - Seminar	This seminar meets the American Heart Association Heartsaver AED certification.	\$215	\$194	\$172	One Day
27-400	MEDIA RSP WKSH	Media Response Workshop	This one day, 7 hour workshop is designed to provide the attendee with the basic knowledge, skills and abilities for interaction with the news media during and after a crisis event. This is designed as a hands-on workshop. The attendee will be expected to participate in video taped, mock interviews.	\$405	\$365	\$324	One Day

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27-400	MED-PIC	Shipboard Medical Person-In-Charge	This 70-hour course meets the USCG requirements reflected in 46 CFR 10.205(h)(l)(ii), (h)(2)(iii), 46 CFR 10.205(1)(3) and 46 CFR 12.13-1. Additionally, it satisfies the competencies outlined in STCW 95 Section A-VI/1, Paragraph 2.1.3 and Table A-VI/1-3, Section A-VI/4 and Table A-VI/4-1 and Table A-VI/4-2. The course is designed to acquaint the attendee with short-term and long-term care for the sick or injured patient. Anatomy and physiology of the human body, diagnostic procedures, basic and advanced first aid techniques, CPR, automated external defibrillator (AED), the use of drugs and medication, medical reports and communication, as well as other pertinent shipboard medical problems will be presented in depth. The course includes one day of clinical practice in a hospital setting. Dress code for the hospital includes: collared shirt and tie for men; business attire blouse for women; slacks; and closed-toe shoes.	\$2,210	\$1,989	\$1,768	Ten Days
27-400	MED-PRO	Medical Care Provider	Medical Care Provider is a one week course designed for the licensed deck officer who will be providing immediate first aid to ship s personnel and be assisting the Ship s Medical Person-in-Charge with providing medical care. The course is established using guidelines provided by the International Maritime Organization, Standards of Training, Certification and Watchkeeping for Seafarers (STCW'95). At the completion of this course the attendee will understand the application of emergency medical services, methods of maintaining the well-being and safety of the medical care provider, be able to recognize and manage respiratory emergencies, be capable of conducting patient assessments, understand and be able to communicate by radio with a medical advisory service, manage medical and behavioral emergencies (including the use of Basic Life Support and principles of pharmacology) and know the immediate response to bleeding, burns, effects of cold, musculo-skeletal and spinal injuries. This course meets the requirements reflected in 46 CFR 10.205(h) and STCW'95 A-VI/4-1.	\$1,200	\$1,080	\$960	Five Days

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SIN	Course Code	Course Title	Course Description	2008 GSA Price 6 Students or less	2008 GSA 7-11 (-10%)	2008 GSA 12 or > (-20%)	Course Period
27-400	MED-SMC	Shipboard Medical Care	This 4-week course meets the USCG requirements reflected in 46 CFR 10.205(h)(l)(ii), (h)(2)(iii), 46 CFR 10.205(1)(3) and 46 CFR 12.13-1. Additionally, it satisfies the competencies outlined in STCW 95 Section A-VI/1, Paragraph 2.1.3 and Table A-VI/1-3, Section A-VI/4, Paragraphs 1 and 2 and Table A-VI/4-1 and Table A-VI/4-2. The Course is designed to acquaint the attendee with short-term & long-term care for the sick or injured patient. Anatomy and physiology of the human body, diagnostic procedures, basic and advanced first aid techniques, CPR, automated external defibrillator (AED), use of drugs and medication, medical reports and communication. Also, other pertinent shipboard medical problems will be presented in depth. Candidates are nationally certified by the National Registry of Emergency Medical Technicians upon successful completion of that portion of the course. The course includes two days of clinical practice in a hospital setting. Dress code for the hospital includes: collared shirt and tie for men; business attire blouse for women; slacks; and closed toe shoes.	\$3,815	\$3,434	\$3,052	20 Days
27-400	MSC-CBRD-1	Chem Bio Rad Defense Training	This 1-day course, certified as meeting Military Sealift Command (MSC) requirements, is designed to inform personnel of the hazards that are associated with weapons of mass destruction. Students will learn how best to protect themselves and their ship from these hazards and what their own or shared responsibilities are in a CBR environment.	\$305	\$275	\$244	One Day
27-400	MSC-DC	Damage Control	This two-day course is composed of a classroom phase followed by a practical application phase. The classroom sessions cover damage control investigation, communication, shoring, pipe patching, bulkhead plugging, and de-watering. The information learned during the classroom sessions is then reinforced in the application phase. Attendees perform as members of a damage control team to combat various types of shipboard damage, other than fire. The MITAGS course has been certified by the Military Sealift Command (MSC) as meeting MSC damage control standards and content requirements. Attendees should bring work clothes appropriate for working in a dirty environment. Attendees should bring work clothes appropriate for working in a wet environment.	\$560	\$504	\$448	Two Days
27-400	MSC-ENVPRO	Environmental Protection	This MSC course outlines duties and responsibilities with regard to the federal laws governing Sewage, Oil and Oily Waste, Oil and Hazardous Substance Spill Response, Ozone Depleting Substances, Non-Indigenous Species and Marine Mammals, and Hazardous Materials.	\$210	\$189	\$168	One Day

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27-400	MSC-SMA	Small Arms Training	This 4-day program is designed to provide mariners destined for service on Department of Defense contract vessels with necessary skills and knowledge for safe efficient gun handling techniques. Proper mindset and the use of "deadly force" are examined and discussed in depth. Attendees qualify with live fire on three weapons: Pistol, Rifle, and Shotgun. Two days are spent on an outdoor range so students need to bring appropriate seasonal clothing and always consider rain gear.	\$1,200	\$1,080	\$960	Four Days
27-400	MSC-SMA-NAVREQUAL	Small Arms Training- Requalification for Naval Personnel	This 2-day course meets the requirements of OPNAVINST 3591.1E. This course covers re-qualification for the M-9 Pistol, the M-14 Rifle and the 12 Gauge Shotgun. All attendees must meet the standards and requirements of OPNAVINST 3591.1E.	\$695	\$626	\$556	Two Days
27-400	NAV RULES	Navigation Rules - Coregs	This 1-day seminar is intended to provide the experienced Marine Pilot with refresher training and an understanding in the application of U.S. Inland and International Rules for the prevention of collisions at sea.	\$390	\$351	\$312	One Day
27-400	OS-NAVNC	Celestial Navigation With The Celesicomp	The course provides the attendee with the ability to shoot, reduce, and plot Sun lines using both traditional sight reduction tables and electronically using a Celesticomp celestial calculator. It teaches the attendee how to maximize sun lines fordetermining estimated positions (EP), running fixes (RFX) and local apparent noon (LAN). Several techniques are taught for using one Sun line at LAN for determining both latitude and longitude, providing a true two-line fix! Construction and use ofplotting sheets is covered as well. A special evening planetarium demonstration is included with this seminar.	\$365	\$329	\$292	One Day
27-400	OS-NAVNC-2	Celestial Navigation With The Celesicomp	During this 2- day course the attendee learns to shoot, reduce, and plot Sun lines using both traditional sight reduction tables and electronically using a Celesticomp celestial calculator. This two-day seminar teaches how to maximize sun lines fordetermining estimated positions (EP), running fixes (RFX) and local apparent noon (LAN). Several techniques are taught for using one Sun line at LAN for determining both latitude and longitude, providing a true two-line fix! Construction and use ofplotting sheets is covered as well. A special evening planetarium demonstration is included with this seminar.	\$670	\$603	\$536	Two Days
27-400	OS-PST	Personal Survival Techniques	This course is designed to provide mariners with an overview of basic maritime personal survival. It can be designed to fulfill the requirements of STCW'95 Regulation VI/1 if needed. The mariner who completes this course will understand the useof survival craft, will know how to react properly during maritime emergencies, and will know what measures to take to enhance his/her survival and that of his shipmates.	\$375	\$338	\$300	One Day

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27-400	OS-PST-2	Personal Survival Techniques	This 2-day course is designed to provide mariners with an overview of basic maritime personal survival. It can be designed to fulfill the requirements of STCW'95 Regulation VI/1, as outlined in Section A-VI/1, Table VI/1-1. The attendee who successfully completes this course will understand the use of survival craft, will know how to react properly during maritime emergencies, and will know what measures to take to enhance his/her survival and that of shipmates.	\$670	\$603	\$536	Two Days
27-400	OS-SS	Safety And Survival At Sea	Properly responding to emergencies at sea requires hands on training and this one day course does just that. This course provides a full day of in-the-water pool & classroom exercises learning to inflate, enter, right and operate in a liferaft & rescue platform. Use of emergency equipment such as EPIRBS, flares, SARTS, watermakers, signaling equipment, thermal protective aids, emergency food, is used while in the rafts. Additionally, floatcoats, immersion suits, and inflatable PFD's are demonstrated. A review of emergency medical procedures, including CPR and use of an external heart defibrillator are demonstrated. This course provides you with the "hands-on" training necessary for proper response to vessel emergencies.	\$365	\$329	\$292	One Day
27-400	OS-SS-2	Safety And Survival At Sea	Properly responding to emergencies at sea requires hands on training and this two-day course does just that, providing two full days of in the water pool & classroom exercises learning to inflate, enter, right and operate in a liferaft & rescue platform. Use of emergency equipment such as EPIRBS, flares, SARTS, watermakers, signaling equipment, thermal protective aids, emergency food, is used while in the rafts. Additionally, floatcoats, immersion suits, and inflatable PFD's are demonstrated. A review of emergency medical procedures, including CPR and use of an external heart defibrillator are demonstrated. This course provides you with the "hands-on" training necessary for proper response to vessel emergencies.	\$670	\$603	\$536	Two Days
27-400	OS-WX-BAS-1	Basic Weather	This Coast Guard approved course provides training in the fundamentals of marine weather analysis and forecasting for storm avoidance. Topics covered include: Surface, sea-state, wind-wave, upper air (500-mb) analysis and forecasting charts, Low pressure and rapidly intensifying systems (meteorological bombs), Hurricanes and severe tropical weather, Satellite imagery (obtaining and interpreting), Ocean currents (role in wave development and impact on routing decisions), routing software and vessel performance, Sources for weather information (Internet, fax, VHF, single sideband), Analysis and forecast procedures and skills.	\$365	\$329	\$292	One Day

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SIN	Course Code	Course Title	Course Description	2008 GSA Price 6 Students or less	2008 GSA 7-11 (-10%)	2008 GSA 12 or > (-20%)	Course Period
27-400	OS-WX-HWS-1	Heavy Weather Seamanship	If you are caught offshore in a gale or storm, you need to know what actions and tactics will work and which will not. There is no time for mistakes, for there might not be a second chance to take the correct action. In this 2-day course, the mariner will learn the elements of sailboat design and stability, and how to maintain control in rough weather. Discussion of wave formation, propagation and refraction, drogue and sea anchor design and use, sail combinations, and safe working loads are covered in depth. Discussion of human performance and fatigue as they relate to working in rough conditions are also discussed, as well as when to heave to and when to run-off before a weather system and how to make decisions. This rough weather sailing seminar will provide you with an understanding of heavy weather dynamics that will allow you to make better and more effective decisions when the "going gets rough."	\$365	\$329	\$292	Two Days
27-400	OS-WX-HWS-2	Heavy Weather Seamanship	If you are caught offshore in a gale or storm you need to know what actions and tactics will work and which will not. There is no time for mistakes, for there might not be a second chance to take the correct action. In this two-day seminar, you will learn the elements of sailboat design and stability, and how to maintain control in rough weather. Discussion of wave formation, propagation and refraction, drogue and sea anchor design and use, sail combinations, and safe working loads are covered in depth. Discussion of human performance and fatigue as they relate to working in rough conditions are also discussed. When to heave to and when to run-off before a weather system and how to make decisions. This rough weather sailing seminar will provide you with an understanding of heavy weather dynamics that will allow you to make	\$670	\$603	\$536	Two Days
27-400	OS-WX-OCCUR-1	Using Weather And Ocean Currents To Win	Navigators and tacticians involved in ocean races will want to take this course to learn state of the art techniques in gathering, analyzing and forecasting on-scene weather and ocean current conditions and integration with vessel polars.	\$365	\$329	\$292	One Day
27-400	OS-WX-OCCUR-2	Using Weather And Ocean Currents To Win	Navigators and tacticians involved in ocean races will want to take this course to learn state of the art techniques in gathering, analyzing and forecasting on-scene weather and ocean current conditions and integration with vessel polars.	\$670	\$603	\$536	One Day

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27-400	RFPNW	Ratings Forming Part of a Navigational Watch	The goal of this 14-hour training course, "Rating Forming Part of a Navigational Watch – Lookout Duties Only", is to provide trainees with knowledge and understanding of the duties and responsibilities of a RFPNW while in training under supervision to complete the necessary onboard assessments to acquire a full STCW Rating Forming Part of a Navigational Watch endorsement. This course is meant to satisfy the special training requirements of NMC Policy Letter 14-02 and Regulations II/4 of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended (STCW95). This course supplements a period of required sea service of not less than 2 months, where trainees conduct related practical training and assessments.	\$350	\$315	\$280	Two Days
27-400	ROP-5	Radar Observer Program - Unlimited	The goal of this course is to train attendees in the proper use of radar for risk assessment, collision avoidance, and navigation. The curriculum exceeds USCG and IMO requirements for radar training. "Hands-on" simulation is conducted in the Institute's unique eight-ship interactive radar simulator.	\$795	\$716	\$636	Five Days
27-400	ROR-1	Radar Observer Program - Renewal	This course is a one-day course designed for those who need to renew their current radar certificate.	\$240	\$216	\$192	One Day
27-400	SAR	Search and Rescue	The goal of this 16-hour training course, "Search and Rescue", is to provide trainees with knowledge, understanding and proficiency in Responding to distress signal at sea.	\$400	\$360	\$320	Two Days

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27-400	SEC-VCF	Security Officer: Vessel, Company & Facility	This 3 day, 21 hour course of instruction is designed to provide instruction and proficiency in compliance with the International Ship and Port Security (ISPS) Code for Port Facility, Company and Ship Security Officers (PFSO/CSO/SSO). A candidate successfully completing the Port Facility, Company and Ship Security Officer program will be able to: Describe recommended practices and procedures listed in current national and international regulations and policies regarding port and ship security. Develop a risk analysis based on available threat analysis, intelligence information and national regulations and policies. Identify characteristics and behavior patterns of persons who may be likely to commit unlawful acts. Recognize and detect weapons, dangerous substances and devices, Identify common crowd behaviors, Develop and implement a port facility and vessel security plan, Demonstrate the elements of a security assessment and propose modifications to the existing security plan. Demonstrate conducting physical searches of compartments, baggage and persons. Identify the basic principles for implementing an incident command system. Describe plans for managing on-going threats, to include theft, piracy and hijacking. Identify types of security equipment usage & maintenance. Describe instructional techniques for training the crew and employees regarding ship security and port facilities. Attendees should bring clothing suitable for outdoor wear and appropriate for seasonal conditions. Shipboard and/or port operational experienced is preferred	\$830	\$747	\$664	Three Days
27-400	SHS-BAS	Basic Shiphandling	The emphasis of this shiphandling simulation course is on the ship maneuvering competencies outlined in the STCW 95 Code for an officer in charge of a navigational watch on ships over 500 gross tons (Section A-II/1 competencies listed under "Maneuver the Ship"). This includes the basic forces involved in shiphandling, common navigational emergencies, embarking and debarking pilots, simple anchoring, and proper utilization of personnel and equipment. This course is a prerequisite for Intermediate Shiphandling. Shiphandling course may be scheduled for a morning or late afternoon starting times. Please check with the MITAGS Admissions for the scheduled starting time of your course. If your shiphandling course is scheduled to start in the afternoon do not make plans to depart MITAGS prior to morning following course completion.	\$2,950	\$2,655	\$2,360	Five Days
27-400	SHS-CUST	Shiphandling Custom	A large variety of custom shiphandling programs are available covering topics such as apprentice pilot, docking, use of tugs, single point mooring, underway replenishment, electronic charting ARPA, vessel traffic, Automatic Information Systems (AIS), portable piloting units (PPU) and specialized vessel handling. Curriculum objectives are tailored to the needs of the individual attendees or the company's training plan.	\$1,555	\$1,400	\$1,244	One Day

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27-400	SHS-EMR2	Emergency Shiphandling-2 Day	The 2-day Emergency Ship handling Course is designed to provide knowledge, understanding and proficiency in planning for and reacting to emergency situations that may occur in pilotage or confined waters. It is primarily focused towards pilots and experienced masters. Attendees will be better prepared for emergency situations and make decisions based on sound decision making principles and emergency procedures. Students will demonstrate their knowledge, understanding and proficiency in emergency shiphandling on a Full Mission Simulator and may elect formal evaluations by simulation and written test. The following training areas are prefaced by, The expected learning outcome is that the trainee: has a basic knowledge and understanding of risk assessment and risk management and its role in planning for emergency situations, can prepare a plan and develop procedures to be followed in emergency situations, has a basic knowledge and understanding of the decision making process when under stress. has knowledge, understanding of, and proficiency in emergency maneuvering tactics and use of all available resources can demonstrate proficiency in assessing and reacting to the following emergencies or hazardous conditions: Loss of propulsion, Loss of steering, Loss of essential equipment	\$1,595	\$1,436	\$1,276	Two Days
27-400	SHS-EMR3	Emergency Shiphandling-3 Day	This course uses sophisticated full-mission ship simulators to train experienced mariners in shiphandling situations that rarely occur or are too dangerous to practice in the field. It is designed to provide knowledge, understanding and proficiency in planning for and reacting to emergencies that may occur in pilotage or confined waters. Own ship casualties and other potential emergencies are generated in selected scenarios with multiple ship types in various shiphandling situations. Training includes the latest techniques in improved decision-making skills when operating in stressful environments. It is primarily geared towards experienced masters and pilots. Shiphandling course may be scheduled for a morning or late afternoon starting times. Please check with the MITAGS Admissions for the scheduled starting time of your course. If your shiphandling course is scheduled to start in the afternoon do not make plans to depart MITAGS prior to morning following course completion.	\$2,390	\$2,151	\$1,912	Three Days

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27-400	SHS-EMR5	Emergency Shiphandling-5 Day	This course is similar to the 5-day Emergency Shiphandling course, but has been expanded to include more simulation scenarios. The course uses sophisticated full-mission ship simulators to train experienced mariners in shiphandling situations that rarely occur or are too dangerous to practice in the field. It is designed to provide knowledge, understanding and proficiency in planning for and reacting to emergencies that may occur in pilotage or confined waters. Own ship casualties and other potential emergencies are generated in selected scenarios with multiple ship types in various shiphandling situations. Training includes the latest techniques in improved decision-making skills when operating in stressful environments. It is primarily geared towards experienced masters and pilots. Shiphandling course may be scheduled for a morning or late afternoon starting times. Please check with the MITAGS Admissions for the scheduled starting time of your course. If your shiphandling course is scheduled to start in the afternoon do not make plans to depart MITAGS prior to morning following course completion.	\$3,480	\$3,132	\$2,784	Five Days
27-400	SHS-EMR5 CUST	Emergency Shiphandling-5 Day Custom	This course is similar to the 5-day Emergency Shiphandling course, but has been expanded to include more simulation scenarios. The course uses sophisticated full-mission ship simulators to train experienced mariners in shiphandling situations that rarely occur or are too dangerous to practice in the field. It is designed to provide knowledge, understanding and proficiency in planning for and reacting to emergencies that may occur in pilotage or confined waters. Own ship casualties and other potential emergencies are generated in selected scenarios with multiple ship types in various shiphandling situations. Training includes the latest techniques in improved decision-making skills when operating in stressful environments. It is primarily geared towards experienced masters and pilots. Shiphandling course may be scheduled for a morning or late afternoon starting times. Please check with the MITAGS Admissions for the scheduled starting time of your course. If your shiphandling course is scheduled to start in the afternoon do not make plans to depart MITAGS prior to morning following course completion.	\$3,480	\$3,132	\$2,784	Five Days

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SIN	Course Code	Course Title	Course Description	2008 GSA Price 6 Students or less	2008 GSA 7-11 (-10%)	2008 GSA 12 or > (-20%)	Course Period
27-400	SHS-ESH-BRMP-3	Emergency Shiphandling Bridge Resource	This 3-day, 21 hour course of instruction is designed to provide qualified maritime pilots instruction and proficiency in Emergency Shiphandling and Bridge Resource Management for Pilots. The program is American Pilots Association (APA) endorsed. It uses full-mission bridge simulation to reflect and reinforce the BRMP concepts through simulation emergency exercises. Opportunity is provided to the attendee to demonstrate appropriate skills and abilities consistent with the BRMP objectives during the emergency shiphandling exercises. Shiphandling exercises are scripted with extensive role-play designed to provide unique challenges to the BRMP environment. Constructive post-simulation debriefs are led by the students with guidance and facilitation by the instructors to ensure that both the review of the shipboard emergency simulation events and the BRMP events are identified and discussed. This program has no formal assessment nor is it designed to formally instruct pilots in emergenc	\$3,415	\$3,074	\$2,732	Three Days
27-400	SHS-HSPD	High Speed Ship/Vessel Handling	This course is designed to introduce attendees to the high-speed environment, examine the challenges associated with high speed and instill safe high-speed craft operating principles. Objectives of this vessel handling course are: 1). Understanding the need for a professional approach to watch keeping at high speed. 2). Operating within a team environment. 3). Understanding and demonstrating familiarity with the typical maneuvering characteristics of high-speed vessels. 4). Constructing and using a passage plan as an aid to navigation. 5). Understanding the zone concept on high-speed routes. 6). Demonstrating the use of North Up radar presentation at high-speed. 7). Demonstrating the use of parallel indexing to gauge target movement. 8). Understanding the rules of relative movement when making course alterations. 9). Understanding the application of the International Regulations for Prevention of Collisions at Sea in the high-speed context. This course is designed	\$3,480	\$3,132	\$2,784	Five Days
27-400	SHS-LITE	Tanker Lightering 3-Day	This shiphandling course is designed to allow mooring pilots to improve and practice lightering/shiphandling skills. The standard course is three days in length and consists of a combination of lectures and simulator shiphandling time. Most of the time is spent on the STN-Atlas 5000 Shiphandling Simulator. The course includes communications, vessel approach and maneuvering, operating conditions, vessel to vessel interaction, and other areas that you or your organization believes are important or need emphasis. Additionally, the course can include emergency shiphandling scenarios.	\$3,415	\$3,074	\$2,732	Three Days

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27-400	STB BAS	Basic Stability	The goal of this 35-hour Basic Stability training course is to provide trainees with: 1. Working knowledge and application of stability, trim and stress tables, diagrams and stress calculating equipments; 2. Understanding of fundamental actions to be taken in the event of partial loss of intact buoyancy; 3. Understanding of the fundamentals of watertight integrity. It has been written to comply the Basic Ship Stability training requirements for STCW certification as Officer in charge of a Navigational Watch on vessels of 500 gross tons (ITC) or more, as identified in Policy Letter 01-02. It also complies with the requirements of 46 CFR 10.901(c)(1) and 10.903(c).	\$900	\$810	\$720	Five Days
27-400	TCNAV/ CO	Terrestrial Navigation and Compasses	The goal of this 105-hour Terrestrial Navigation and Compasses course is to provide trainees with knowledge, understanding and proficiency in the use of: Charts and Publications, Plotting and Position Lines, Tides and Tidal Current Tables, Compasses and Methods for Compass Correction, Voyage Planning and Logbooks. It has been written to comply with the Terrestrial and Coastal Navigation and Compasses training requirements for STCW certification as Officer in charge of a Navigational Watch on vessels of 500 gross tons (ITC) or more, as identified in Policy Letter 01-02.	\$2,700	\$2,430	\$2,160	15 Days
27-400	TPIC	Tankerman Person-In-Charge	This course satisfies the training requirements set forth in 46 CFR Part 13 and STCW 95 Section A-V/1 for persons desiring to serve in the capacity of Person In Charge (PIC) aboard a tank vessel carrying dangerous liquid cargoes. The information presented familiarizes the attendee with the operational practices, safety concerns, and pollution prevention requirements associated with tank vessels operating in the oil and chemical service industry.	\$1,055	\$950	\$844	Five Days
27-400	TPIC- ASST	Tankerman Person-In-Charge Assistant	This course satisfies the training requirements set forth in 46 CFR Part 13 and STCW 95 Section A-V/1 for persons desiring to serve in the capacity of Person In Charge (PIC) Assistant aboard a tank vessel carrying dangerous liquid cargoes. The information presented familiarizes the attendee with the operational practices, safety concerns, and pollution prevention requirements associated with tank vessels operating in the oil and chemical service industry.	\$1,055	\$950	\$844	Five Days

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27-400	TPIC-BARGE	Tankerman Person-In-Charge - Barge	This course satisfies the training requirements set forth in 46 CFR Part 13 and STCW 95 Section A-V/1 for persons desiring to serve in the capacity of Person In Charge (PIC) aboard a tank barge carrying dangerous liquid cargoes. The information presented familiarizes the attendee with the operational practices, safety concerns, and pollution prevention requirements associated with barges operating in the oil and chemical service industry.	\$1,055	\$950	\$844	Five Days
27-400	TPIC-ENG	Tankerman Person-In-Charge Engineer	This course satisfies the training requirements set forth in 46 CFR Part 13 and STCW 95 Section A-V/1 for persons desiring to serve in the capacity of Person In Charge (PIC) Engineer aboard a tank vessel carrying dangerous liquid cargoes. The information presented familiarizes the attendee with the operational practices, safety concerns, and pollution prevention requirements associated with tank vessels operating in the oil and chemical service industry.	\$1,055	\$950	\$844	Five Days
27-400	TPIC-LG	Tankerman Person-In-Charge - Liquefied Gas	<p>This course is intended to provide specialized training for personnel responsible for operating liquefied natural gas carriers (LNGC). The attendee will be provided with instruction, information and experience relevant to their assigned duties. Classroom training is augmented with opportunities for hands-on application using the cryogenic simulator. This course meets the training standards required by STCW Regulation V/1 paragraph 2.2., and Section A-V/1 paragraph 22 and 46 CFR 13.113, 13.115, 13.209, 13.309, 13.409 or 13.509 for a tankerman endorsement.</p> <p>Successful completion of this course should enable students to perform specific duties and responsibilities related to those duties in connection with cargo and cargo equipment. The student will have a basic understanding of regulations and codes of practice; chemistry and physics; health hazards; cargo containment; pollution; cargo handling systems; ship operating procedures; safety practices and equipment; emergency procedures and general principles of cargo operations.</p>	\$1,110	\$999	\$888	Five Days

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27-400	TRAC TUG-3	Ref Tractor Tugs 3 Day Course	<p>The three day tractor course provides knowledge and practical training in the theory, operation and application of Voith Schneider and Z-drive or "Reverse" Tractors. The course covers a number of areas in both the classroom and on the shiphandling simulator to demonstrate the capabilities and limitations of tractors. Some of these are;</p> <ol style="list-style-type: none"> <li>1. Understand how tractors could change the operation of your port by handling larger ship, reducing environmental restrictions, or by reducing the number of tugs required to handle a certain size ship.</li> <li>2. Provide you with the knowledge to defining the maneuvering mission of your port, and then to choose the proper tractor to meet this standard.</li> <li>3. Tractor Commands and standard definitions.</li> </ol> <p>The course will discuss in detail all phases of tractor design and performance including the three significant phases in the Voith design and four phases of Z-drive designs that have been developed in the last ten years . It will;</p> <ol style="list-style-type: none"> <li>1. Comparing tractor performance with conventional tugs.</li> <li>2. Demonstrate the benefits of and when to use the unique higher speed tractor tug maneuvers.</li> <li>3. Discuss what works and what doesn't when assisting or escorting ships.</li> <li>4. Discuss chock and bitt strength issues.</li> <li>5. Review of the latest tractor techniques such Tandem Tractors or "T2".</li> </ol>	\$3,535	\$3,182	\$2,828	Three Days
27-400	TTT	Train The Trainer	<p>This one-week course is designed to provide attendees with the foundation skills, attitudes, and knowledge to effectively develop and present quality instruction to adults. Based on the International Maritime Organization (IMO) Model 6.09, the course satisfies the USCG formal course requirements for qualified instructors and designated examiners. Using the Maritime Institute s Det Norske Veritas (DNV) certified process, attendees gain practical experience in our computer lab developing course materials and in our classroom presenting lessons. Participants are expected to devote time outside of normal class hours to prepare for the next day and will have access to school computers and necessary materials.</p>	\$1,245	\$1,121	\$996	Five Days
27-400	VTS LEVEL I	Vessel Traffic Service - Vessel Traffic	<p>This course provides introduction to specific computer operating systems and in-depth instruction on specific VTS software packages. Additionally, the course provides detailed instruction on the procedures and operations of a Vessel Traffic Servicesystem and the associated Vessel Traffic Service Center. All VTS/VTC training takes place in an interactive blind pilotage shipboard environment. The interactive environment incorporates a functioning Vessel Traffic Service Center, detailed radar images, vessel traffic, local environmental conditions (developed based on customer needs) and radar image topography.</p>	\$3,855	\$3,470	\$3,084	Five Days

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27-400	VTS-LEVEL II	Vessel Traffic Service - Vessel Traffic	This five-day thirty-three hour course of instruction and simulation is designed to allow the attendee to gain skill, proficiency, and confidence as a watch stander in a simulated Vessel Traffic System/Vessel Traffic Management environment. Attendees will practice and perform the various duties generally assigned to a center watch stander. They will be tasked and confronted with observing, analyzing, and taking action when faced with various maritime traffic events and emergencies. Additionally, attendees will experience large vessel operations from a shipboard bridge operations perspective in a simulated inland maritime commercial inland environment.	\$3,855	\$3,470	\$3,084	Five Days
27-400	VTS-LEVEL III	Vessel Traffic Service - Vessel Traffic	This training course is designed to afford attendees involved with Vessel Traffic Service System (VTS) an opportunity to gain knowledge and understanding of the principals and procedures in the application and operation of VTS systems. This course is designed as a modular course. This training is specifically designed to provide hands-on simulation of a VTS system. Upon completion of this course of instruction, including simulation, case studies, and classroom lectures, the attendees will be provided with an advanced level of knowledge, skills, and practical training of VTS Management and procedures that will build upon previous training already received in order to meet IALA recommended standards for a VTS Operator or USCG VTS Pilot Advisor. Attendees s will be able to: Implement contingency plans relating to distress, pollution, and special circumstances. Demonstrate a thorough knowledge of relevant national and international regulations, procedures, equipment, skills and techniques involved in monitoring and organizing vessel traffic. Understand the regulations and importance of 33 CFR Part 161. Demonstrate general communication skills and co-ordinate various communications between marine and marine related agencies in a simulated environment and the ability to maintain a log book. Demonstrate the ability to perform public relations. Demonstrate knowledge of stress management techniques. Prerequisite: The attendee should previously have attended a basic Vessel Traffic Service Systems course or have experience in working in a VTS center.	\$3,855	\$3,470	\$3,084	Five Days

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27-400	WKP BAS	Basic Watchkeeping	The goal of this 75-hour training course, "Watchkeeping", is to provide trainees with knowledge, understanding and proficiency in Maintaining a Safe Navigational Watch at the Operational Level. This course is meant to satisfy the requirements of certification as Officer in Charge of a Navigational Watch on vessels over 500 or more gross tonnage (ITC), AND the Bridge Resource Management training requirements of 46 CFR 10.205(o) and the requirements of Section B-Viii/2, Part 3-1, and Table A-II/1 of the STCW Code. The expectation is that it will fulfill this training for deck officers at the operational level, including Mate, 500/1600 GRT, Third Mate, and Second Mate AGT as prescribed in NMC Policy Letter 01-02.	\$1,800	\$1,620	\$1,440	10 Days
27-400	WX BAS	Basic Weather	The goal of this 35-hour training course, "Meteorology", is to provide trainees with knowledge, understanding and proficiency in Meteorology at the Operational Level for Officers in Charge of a Navigational Watch. This Meteorology course is based on IMO Course Model 7.03 Competence 1.1.7 "Forecast weather and oceanographic conditions" for Officers In Charge of a Navigation Watch at the Operational Level. It has also been written to comply with the training requirements of NMC Policy Letter 01-02 "Meteorology" and the STCW Code Table A-II/1.	\$900	\$810	\$720	Five Days
27-400	WX-BASRE F-2	Basic Weather 2-Day	This 18-hour Coast Guard approved course provides training in the fundamentals of marine weather analysis and forecasting, enabling a mariner to gather data and make informed weather decisions. Topics covered include: Using surface analysis & forecast charts, Sea state & wind wave charts , Upper air (500 mb) charts , Formation of low pressure systems , Rapidly intensifying lows , Hurricanes and tropical weather , Obtaining and interpreting satellite imagery , Ocean currents, Routing software and vessel performance , Internet sources for weather data and analysis and forecast procedures and skills.	\$300	\$270	\$240	Two Days
27-500	CRS-DEV	Course Development Manager	This entry is for GSA purposes. It reflects the daily rate for a Course Development Manager.	\$1,250	N/A	N/A	N/A