

Clatsop Community College
MERTS Campus
Maritime Science Department
6550 Liberty Lane
Astoria, Oregon 97103

Additional Charges
\$10.00 Registration Fee Once Per Term
\$1.00 Activity fee/class
Summer Term June 27-July 29, 2011
Fall Term September 26-December 8, 2011
Winter Term January 9-March 22, 2012
Spring Term April 2-June 14, 2012

MAIL TO:

CLATSOP COMMUNITY COLLEGE
MARITIME SCIENCE DEPARTMENT @ MERTS CAMPUS

<i>STCW-95 Approved Training</i>	<i>US Coast Guard Approved Training</i>	<i>Associate Degree Program</i>
32-Hour Lifeboatman 32-Hour ARPA Automatic Radar Plotting Aids 70-Hour GMDSS Global Marine Distress Safety System 24-Hour Bridge Resource Management 40-Hour Tankship Dangerous Liquids 40-Hour Basic Safety Training	Radar Observer Unlimited Radar Observer "Rivers" Deck Licenses Master/Mate 100/200 OUPV & A/B Program Basic Firefighting Advanced Firefighting Celestial Navigation 500/1600	Vessel Operations, Marine Electronics, Galley Cooking, Seamanship, Watchkeeping, Practical Navigation, Coastal Navigation, Charts and Aids to Navigation, Marine Weather, HAZWOPER and many other marine related classes.

ENROLL TODAY

by phone: 503-325-7962 M-F 8:00 A.M. – 5:00 P.M.

by fax: 503-325-9777 24-Hour

by mail: MSD @ MERTS, 6550 Liberty Lane, Astoria, OR 97103



AUTOMATIC RADAR PLOTTING AIDS

32-HOUR ARPA

This course provides training in the operation and use of Automatic Radar Plotting Aids (ARPA) radar systems for those who will be in charge of a navigational watch in vessels equipped with ARPA radar. This USCG approved course meets or exceeds the Seafarers' Training, Certification and Watchkeeping (STCW-95) code training requirements. Prerequisite for this course is Radar Observer 40-hour course through any Coast Guard approved school. ARPA class is offered Monday-Thursday 8:00 A.M. -5:00 P.M. See page six for dates.

GLOBAL MARINE DISTRESS SAFETY SYSTEM

70-HOUR GMDSS

GMDSS is a system based on linking of search and rescue (SAR) authorities ashore with shipping in the immediate vicinity of a vessel in distress or in need of assistance and providing Marine Safety Information (MSI) to all ships on the world's oceans. Every compulsory ship (passenger ships regardless of size and cargo ships of 300 gross tons and upward) is subject to the International Convention for the Safety of Life at Sea (SOLAS) and must comply with GMDSS. The class is offered with nine days of training to complete the 70-hour course requirement. The cost is \$1657.

RADAR OBSERVER PROGRAM

40-HOUR ORIGINAL ENDORSEMENT

The five-day original radar endorsement class is a U. S. Coast Guard approved program designed to meet licensing criteria of individuals operating vessels more than 200 gross tons on ocean routes or any vessel more than 300 gross tons. Any individual successfully completing the course will be certified as "RADAR OBSERVER-UNLIMITED."

24-HOUR RECERTIFICATION

Designed to meet the needs of individuals renewing their radar observer endorsement and who would like instruction and refresher time on direct and transfer plotting problems. Recommended for any individual who is not actively doing direct scope or transfer plotting.

8-HOUR REFRESHER

The one-day recertification class consists of the exam and does not include instruction on plotting. We recommend this class for individuals actively plotting on scopes.

24-HOUR ORIGINAL "RIVERS" ENDORSEMENT

Meets federal requirements for operators of towing vessels of 26 feet or more in length operating solely on rivers.

8-HOUR "RIVERS" REFRESHER

The one-day refresher class consists of a short practice plotting period and the administration of the test. See page six for dates and times of radar classes.

BASIC SAFETY TRAINING

The U.S. Coast Guard STCW-95 approved 40-hour Basic Safety Training class includes the following modules;

Personal Safety & Social Responsibility; Basic Firefighting and Elementary First Aid. This class meets the STCW-95 requirements for mariners sailing beyond the boundary line.

BRIDGE RESOURCE MANAGEMENT

The U.S. Coast Guard STCW-95 approved 24-hour BRM class satisfies the requirements for procedures for bridge team work, as set forth in Title 46, parts 10.250(3)(o) and Section B-VIII/2 of the STCW-95 code.

HAZWOPER TRAINING

Clatsop provides a 24-Hour HAZWOPER class meeting CFR 1910.120(e) requirements and an eight-hour HAZWOPER, Recertification for the 24-hour original HAZWOPER is offered in an individualized format.

USCG LICENSE COURSES

You can get your evaluation/approval to hold any license from the United States Coast Guard Regional Exam Center Group Portland. Please call for an appointment.

MARINE SAFETY OFFICE (REC)

911 NE 11th Avenue RM 637

Portland, OR 97232

PH: 503-231-2296

FAX: 503-231-6738

TANKSHIP DANGEROUS LIQUIDS

This U.S. Coast Guard approved STCW Tank Ship Dangerous Liquids course meets or exceeds the requirements to attain certification under the standards set forth by the U.S. Coast Guard and STCW 95 IMO regulations. Students demonstrate skills and knowledge needed to operate effectively as a Tankerman Person-In-Charge.

MASTER/MATE LICENSE TRAINING

This program is designed for mariners seeking deck licenses acquire the major skills needed to become a U.S. Coast Guard licensed Master or Mate. License training for A/B and Master of Towing is also available and mariners at all levels are welcome to sign up for blocks of individualized instruction. See page five for dates and times.

Marine License Testing: The U.S. Coast Guard has approved Clatsop's Marine Licensing Program in lieu of U.S. Coast Guard testing for licenses as Master/Mate 200 gross tons or less. The **Celestial Navigation** program is also approved in lieu of U. S. Coast Guard testing for "Ocean" endorsements up to 1600 gross tons. *Note:* Students are advised to verify with the U.S. Coast Guard that they have completed all requirements and have correct documents to obtain their U.S. Coast Guard License after passing all testing requirements.

DEGREE PROGRAMS

ONE-YEAR CERTIFICATE PROGRAM

Applied science programs provide students an opportunity

to acquire the skill and knowledge needed for entering current and developing employment fields. This program requires one year of study and includes a variety of general education subjects to assure that the certificate candidate has, in addition to the technical skills acquired, a basic understanding of writing, mathematics and human relations. Students interested in the degree program should contact an advisor before enrolling in classes.

ASSOCIATE DEGREE PROGRAM

The Two-Year degree builds on the One-Year Certificate Program by expanding the training and experience of the students. Degree courses include Small Vessel Handling and Principles of Technology. Students completing the program will enjoy more employment and advancement opportunities in the industry. Students interested in the Associate Degree program should contact an advisor before enrolling in classes.

VESSEL-BASED & SHORE-BASED OPEN ENTRY/EXIT CLASSES

There are two types of classes offered in the open entry/exit format. The first is *Vessel-based*. These classes are offered onboard the training vessels, Tuesday & Thursday, 8 AM - 5 PM, Wednesday at 10 AM on the dates listed on page four. Students must reserve their vessel-based class time. The second type of class is *Shore-based*. These classes are offered in classroom #3, Monday – Friday, 8 AM - 5 PM on the dates listed on page five. Students may enroll and begin an open entry/exit class any day of any week of the term.

HOW TO ENROLL

Upon completing the enrollment form, students may enroll by phone, fax, Email or in person. Purchase orders are also accepted from sponsoring companies and organizations. Course fees must be paid by the first class meeting date. Course fees may be paid by check, payable to Clatsop Community College, cash, Visa, MasterCard or purchase order. Degree seeking students can contact Student Services for information on Financial Aid 503-338-2412. Degree seeking students who are residents of states other than Oregon, Washington, California and Idaho may have to pay out-of-state tuition for some classes.

ENROLL TODAY

by Phone: 503-325-7962 or 503-338-7600
Monday - Friday, 7:30 AM - 4:30 PM

by Fax: 503-325-9777

by Mail: Clatsop Community College
Maritime Science Department
MERTS Campus
6550 Liberty Lane
Astoria, Oregon 97103

by E-mail: tmiddleton@clatsopcc.edu

Maritime & Fire Science Staff

Bill Antilla, Maritime Instructor 503-338-7602
bantilla@clatsopcc.edu

Kurt Donaldson, Fire Science, Instructor 503-338-7650
kdonaldson@clatsopcc.edu

Bill Ham, Maritime Instructor 503-338-7601
bham@clatsopcc.edu

Bert Little, Maritime, Instructor 503-338-7605
alittle@clatsopcc.edu

Tom Williams, Maritime Instructor 503-338-7603
twilliams@clatsopcc.edu

Stacy McCoy, Adjunct Instructor
Dick Bass, Adjunct Instructor
Jerry Alderman, Adjunct Instructor
Tony Como, Fire Science Assistant 503-338-7651
tcomo@clatsopcc.edu

Toni Middleton, Program Assistant II 503-325-7962

503-325-7962
www.clatsopcc.edu

Class dates and costs are subject to change without notice

2011-2012 Vessel-Based Schedule

Vessel-Based Courses

Open Entry-Open Exit Courses Onboard the Training Vessel

Number	Credit	Course Name	Cost
MAS 100	2	Maritime Occupations	\$275
MAS 150	2	5-Day Marine Safety (M-F)	\$275
MAS 155	2	Intro to Watchkeeping	\$275
MAS 165	2	Practical Navigation	\$275
MAS 180	2	Marine Electronics	\$275
MAS 181	2	Seamanship I	\$275
MAS 182	2	Seamanship II	\$275
MAS 183	2	Seamanship III	\$275
MAS 184	2	Galley Cooking	\$275
MAS 186	2	Small Vessel Operations I	\$275
MAS 187	2	Small Vessel Operations II	\$275
MAS 188	2	Small Vessel Operations III	\$275
MAS 189	2	Applied Rigging Technology	\$275
MAS 190	1	Vessel Practicum	\$175
MAS 191	1	Deckhand Practicum	\$175
MAS 192	2	Deck Machinery & Vessel Maintenance	\$275
MAS 193	2	Engine Room Maintenance & Safety	\$275
HM 120	1	24-Hour HAZWOPER Training (dates TBA)	\$155
MAS 3451	2	Charter Boat Deckhand (dates TBA)	\$275

Vessel-Based Courses Dates & Times

Students begin open entry/exit, vessel-based courses on Tuesdays & Thursdays during any days listed below during Fall, Winter or Spring term.

Vessel hours are 8 AM - 5 PM

FALL-11

September 21 + 23
 September 28 + 30
 October 5 + 7
 October 12 + 14
 October 19 + 21
 October 26 + 28
 November 2 + 4
 November 23
 November 9 closed 11th
 November 23+24 Closed
 November 30 + Dec 2
 December 7 + 8

WINTER-12

January 4 + 6
 January 11 + 13
 January 18 + 20
 January 25 + 27
 February 1 + 3
 February 8 + 10
 February 15 + 17
 February 22 + 24
 March 1 + 3
 March 8 + 10
 March 21-25closed spring holiday

SPRING-12

March 29 + 31
 April 5 + 7
 April 12 + 14
 April 19 + 21
 April 26 + 28
 May 3 + 5
 May 10 + 12
 May 17 + 19
 May 24 + 26
 May 31 + June 3
 June 7 + 9

2011-2012 Shore-Based Course Schedule

Shore-Based Courses

Open Entry/exit Courses in the Classroom

Course Number	Name	Credit	Cost
MAS 120	US Coast Guard Marine License Training	3	\$150
MAS 121	US Coast Guard Marine License Training (A/B all levels)	4	\$520
MAS 122	US Coast Guard Marine License Training (OUPV)	4	\$610
MAS 123	US Coast Guard Marine License Training (100 Ton or less)	5	\$695
MAS 124	US Coast Guard Marine License Training (200 Ton or less)	6	\$780
MAS 137	Radar Navigation (dates TBA)	2	\$TBA
MAS 147	Vessel Regulations	3	\$310
MAS 148	Vessel Stability	3	\$310
MAS 150	Marine Safety Drill Conductor (dates TBA)	3	\$190
MAS 164	Introduction to Navigation	3	\$310
MAS 167	Celestial Navigation	4	\$420
MAS 168	Charts, Aids to Navigation, and Magnetic Compasses	3	\$310
MAS 170	Marine Weather, Tides, Currents, and Waves	3	\$310
MAS 171	Coastal Navigation & Voyage Planning	3	\$310
MAS 172	Ocean Navigation & Voyage Planning	4	\$410
MAS 175	Rules of the Road	3	\$310
HM 120	Hazwoper Training (24 hr) dates to be arranged	1	\$TBA
HZM963201	Hazwoper Recertification Training (8 hr)	0	\$ 75
MAS963203	Visual Communications (Flashing Light)	0	\$100

TANKSHIP DANGEROUS LIQUIDS May 14-18, 2012 \$745

Shore-Based Dates & Times

Students may begin open entry/exit, shore-based courses any day of the week Monday-Friday, most weeks of the term (Summer, Fall, Winter or Spring). Classroom hours are 8 A.M. - 5 P.M.

SUMMER 11	FALL-11	WINTER-12	SPRING-12
	September 26-30	January 9-13	April 2-6
June 27-July 1	October 3-7	January 17-20 closed 17th	April 9-13
July 5-8	October 10-14	January 23-27	April 16-20
July 11-15	October 17-21	January 30-Feb 3	April 23-27
July 18-22	October 24-28	February 6-10	April 30-May 4
July 25-29	October 31-Nov 4	February 13-17	May 7-11
July 26-30	November 7-10	February 21-24 closed 20th	May 14-18
Aug 1-5	November 8-10 closed 11th	February 27-Mar 2	May 21-25
	November 14-18	March 5-9	May 29-June 1 closed May 28th
	November 21-23	March 12-16	June 4-8
	November 28-Dec 2	March 19-22	June 11-14
	December 5-8		

GMDSS Training

STCW-95 Approved

Cost \$1,650

Students will demonstrate knowledge and skill in the proper use of GMDSS communications systems and other GMDSS equipment such as Emergency Position Indicating Radio Beacons (EPRIB's) and Search and Rescue Transponder (SART). This U.S. Coast Guard approved course meets or exceeds the minimum level of knowledge specified in the U.S. Coast Guard, STCW and IMO requirements for training in Global Marine Distress Safety System (GMDSS). Prerequisite: Original Unlimited Radar Observer Certification.

May 14-23, 2012 (Mon-Sat, Sunday off)

Clatsop Community College

2011-12 Schedule

Tel: 503-325-7962 Fax: 503-325-9777

Email: bham@clatsopcc.edu

Class hours are 0800-1700 hours

Instructor: Bill Ham

COST

ARPA	\$660
Unlimited 40-Hour Original	\$440
Unlimited 24-Hour Recert	\$245
Unlimited 8-Hour Refresher	\$145
"Rivers" 24-Hour Original	STBA
"Rivers" 8-Hour Refresher	\$145

"RIVERS" RADAR 2011-2012

24-Hour Original	TBA
8-Hour Refresher	TBA
8-Hour Refresher	TBA

ARPA RADAR 11-12
Automatic Radar Plotting Aids
Includes Unlimited Refresher

32-Hour	August 1-4
32-Hour	November 7-10
32-Hour	February 21-24
32-Hour	June 11-14
2-Day ARPA Recertification for Pilots TBA	

Call and reserve your place in class early to avoid disappointment

UNLIMITED RADAR 2011-2012

40-Hour Original	July 25-29	40-Hour Original	January 23-27
24-Hour Recertification	July 27-29	24-Hour Recertification	January 25-27
8-Hour Refresher	July 29	8-Hour Refresher	January 27
40-Hour Original	October 3-7	40-Hour Original	March 5-9
24-Hour Recertification	October 5-7	24-Hour Recertification	March 7-9
8-Hour Refresher	October 7	8-Hour Refresher	March 9
40-Hour Original	November 28-Dec 2	40-Hour Original	April 30-May 4
24-Hour Recertification	November 30-Dec 2	24-Hour Recertification	May 2-4
8-Hour Refresher	December 2	8-Hour Refresher	May 4

PROFICIENCY IN SURVIVAL CRAFT 2011-2012

STCW-95 Approved \$380

This course satisfies the requirements of 46 CFR 12.10-5 and Section A-VI/2 and Table A-VI/2-1 of the STCW Code provided the student has completed the Personal Survival Techniques and Elemental First Aid modules of Basic Safety Training. Students must bring proof of completion of these BST modules to be issued a Proficiency in Survival Craft (Lifeboatman) certificate. Students will be required to handle the launch of a lifeboat and perform all tasks required of a lifeboat crew. Check with your local U. S. Coast Guard Regional Exam Center or call (503) 325-7962 for information on License or MMD requirements.

2011 Summer July 26-29	2011 Fall October 4-7 December 5-8	2012 Winter January 31-Feb 3 March 19-22	2012 Spring May 1-4 June 11-14
---------------------------	--	--	--------------------------------------

STCW-95 APPROVED 2011-12

Bridge Resource Management

STCW-95 Approved

Cost \$380

The U. S. Coast Guard STCW-95 approved 24-hour Bridge Resource Management course satisfies the requirements for procedures for bridge team work, as set forth in Title 46 CFR, parts 10.205(3)(o) and Section B-VIII/2 of the STCW code

July 20-22, 2010 November 7-9, 2010 February 27-29, 2011 May 29-31, 2011

Basic Safety Training

STCW 95-Approved

Cost \$806

The U.S. Coast Guard STCW-95 approved 40-hour Basic Safety Training class includes the following modules; Personal Safety; Social Responsibility; Basic Firefighting and Elementary First Aid. This class meets the STCW-95 requirements for mariners sailing beyond the boundary line.

2011 June 26-30, September 26-30, October 31-November 4, November 28-December 2,
2012 January 9-13, February 13-17, March 12-16, April 9-13, May 7-11, June 4-8

Basic & Advanced Fire Fighting

2011-12 STCW-95 Approved

The student will satisfy the requirements of Basic Safety Fire Prevention and Fire Fighting training requirements of Section A-VI/1 and Table A-VI/1-2 of the STCW Code and 46 CFR 10.205(1)(2); AND Advanced Fire Fighting training requirements of Section A-VI/3 and Table A-VI/1 of the STCW Code; AND Basic and Advanced Fire Fighting training requirements of 46 CFR 10.205(g) and 10.401(g)(1) for a license; AND Basic and Advanced Fire Fighting training requirements of 46 CFR 10.205(g) and 10.401(g)(1) for a license; AND Fire Fighting training requirements of 46 CFR 13.113(d)(2)(i)(A), 13.113(e)(1)(i)(A) or (B), 13.201(e), 13.301(e), 13.401(e) or 13.501 (e) for any tankerman endorsement.

16-Hr Basic Fire \$410

↓
2011 June 26-27
September 26-27
October 31-Nov 1
November 28-29

2012 January 9-10
February 13-14
March 12-13
April 9-10
May 7-8
June 4-5

24-Hr Advanced \$545

↓
July 11-13
October 3-5
November 7-9
December 5-7

January 17-19
February 21-23
March 19-21
April 16-18
May 14-16
June 11-13

40-Hr Combined Fire \$955

↓
July 26-27 & July 11-13
September 26-27 & October 3-5
October 31-Nov 1 & November 7-9
November 28-29 & December 5-7

January 9-10 & January 17-19
February 13-14 & February 21-23
March 12-13 & March 19-21
April 9-10 & April 16-18
May 7-8 & May 16-18
June 4-5 & June 11-13