



**MERTS Campus
Maritime Science Department
6550 Liberty Lane
Astoria, Oregon 97103**

Additional Charges

\$10.00 Consolidation Fee if less than 3 Credits Per Term
\$30.00 Consolidation Fee if more than 3 Credits Per Term
Summer Term July 05-July 29, 2016
Fall Term September 26-December 08, 2016
Winter Term January 9-March 24, 2017
Spring Term April 03-June 08, 2017

Non-Discrimination

It is the policy of Clatsop Community College that there will be no discrimination or harassment on the grounds of race, color, gender, marital status, religion, national origin, age, sexual orientation, gender identity or expression or disability in any educational programs, activities, or employment. Questions or complaints should be directed to Leslie Lipe, Affirmative Action/Gender Equity (Title IX) Officer in the CCC Library, Suite 108B, 503-338-2450; TDD 503-338-2468. The Title II/Section 504 Coordinator, Christine Riehl, is located in the Student Services Center, 503-338-2474.

Accommodations

Persons having questions about or a request for special needs and accommodation should contact JoAnn Zahn, Vice President of Finance and Operations, at Clatsop Community College, 1651 Lexington Avenue, Astoria, Oregon 97103, Library Suite 110, Phone (503) 338-2421 or TDD (503) 338-2468. Please send special needs and accommodations requests **HERE**. Contact should be made at least two business days in advance of the event.

Declaración de no-discriminación

Es la política de Clatsop Community College que no habrá ningún tipo de discriminación o acoso por razón de raza, color, género, estado civil, religión, origen nacional, edad, orientación sexual, identidad de género o expresión discapacidad en los programas educativos, actividades o en la contratación. Preguntas o quejas deben ser dirigidas al Leslie Lipe, Oficial de Acción Afirmativa / Título IX localizado en la Biblioteca oficina número 108, número de teléfono 503-338-2450, TDD (discapacidad auditiva) 503-338-2468. El Coordinador de la Título II/Sección 504, Christine Riehl, se encuentra en el Centro de Servicios Estudiantiles, número de teléfono 503-338-2474. Para ADA y otras peticiones de servicios llame al 503-338-2474 o para TDD (discapacidad auditiva) 503-338-2468.

Para más información, vea la página Web de Clatsop Community College bajo Información en Español

**CLATSOP COMMUNITY COLLEGE
OREGON'S MARITIME TRAINING COLLEGE**

<p><i>STCW-95 Approved Training</i></p> <p>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 Training 32-Hour RFPNW Apprentice Mate Steersman Upgrade Leadership & Managerial Skills</p>	<p><i>US Coast Guard Approved Training</i></p> <p>Radar Observer Unlimited Radar Observer "Rivers" Deck Licenses Master/Mate 100/200 OUPV & A/B Program Basic Firefighting Advanced Firefighting Celestial Navigation 500/1600 /ton Training Ship includes 360 days Sea Service CPR/First Aid Visual Communications (Flashing Light) Auxiliary Sail, Assistance Towing</p>	<p><i>Associate Degree Program</i></p> <p>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.</p>
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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: Maritime Science, MERTS Campus, 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 \$1650.

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 TRAINING

The U.S. Coast Guard STCW-95 approved 40-hour Basic Training class includes the following modules; Basic Firefighting, Elementary First Aid, Personal Safety & Social Responsibility and Personal Survival Techniques. 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.

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 vessel, Tuesday & Thursday, 8 AM – 4:30 PM. 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, and 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 503-338-2322. 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

Eldon Russell, Maritime Instructor 503-338-7602

erussell@clatsopcc.edu

Chris Jacobsen, Maritime, Instructor 503-338-7605

cjacobsen@clatsopcc.edu

Tom Williams, Maritime Instructor 503-338-7603

twilliams@clatsopcc.edu

Stacy McCoy, Adjunct Instructor

Dick Bass, Adjunct Instructor

Bill Ham, Joey Daniels, David Rankin & Jerry Alderman,
Adjunct Instructors

Tony Como, Fire Science Assistant 503-338-7651

tcomo@clatsopcc.edu

Toni Middleton, Program Assistant II 503-325-7962

tmiddleton@clatsopcc.edu

503-325-7962

www.clatsopcc.edu/MERTS

Class dates and costs are subject to change without notice

2016-2017 MODS Course Schedule

Shore-Based MODS Courses

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	\$530
MAS 122	US Coast Guard Marine License Training (OUPV)	4	\$630
MAS 123	US Coast Guard Marine License Training (100 Ton or less)	5	\$730
MAS 124	US Coast Guard Marine License Training (200 Ton or less)	6	\$825
MAS 137	Radar Navigation (dates TBA)	2	STBA
MAS 147	Vessel Regulations	3	\$337
MAS 148	Vessel Stability	3	\$337
MAS 150	Marine Safety Drill Conductor (dates TBA)	3	\$150
MAS 164	Introduction to Navigation	3	\$337
MAS 167	Celestial Navigation	4	\$450
MAS 168	Charts, Aids to Navigation, and Magnetic Compasses	3	\$337
MAS 170	Marine Weather, Tides, Currents, and Waves	3	\$337
MAS 171	Coastal Navigation & Voyage Planning	3	\$337
MAS 172	Ocean Navigation & Voyage Planning	4	\$446
MAS 175	Rules of the Road	3	\$337
MAS 208 RFPNW		2	\$440
MAS963219	Apprentice Mate Steersman (16 hr)	0	\$200
MAS963221	Auxiliary Sail (8hr)	0	\$ 75
MAS963222	Vessel Personnel with Designated Security Duties VPDSD (8 hr)	0	\$150
MAS9632	Assistance Towing	0	\$
HM 120	Hazwoper Training (24 hr) next class April 17-19, 2017		1

Tankship Dangerous Liquids October 10-14, 2016, Feb 13-17, 2017 \$750
Leadership & Managerial Skills Oct 24-28, Nov 7-11, Dec 12-16, 2016, 2017 \$700

MODS 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. Most classes are 40 hrs. of instruction

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

GMDSS Training

STCW-95 Approved **Cost \$1,660**

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.

Call 503-325-7962 for available dates or next class is Jan 23-Feb 1, 2017

2016-2017 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	\$310
MAS 150	2	5-Day Marine Safety (M-F)	\$310
MAS 155	2	Intro to Watchkeeping	\$310
MAS 165	2	Practical Navigation	\$310
MAS 180	2	Marine Electronics	\$310
MAS 181	2	Seamanship I	\$310
MAS 182	2	Seamanship II	\$310
MAS 183	2	Seamanship III	\$310
MAS 184	2	Galley Cooking	\$310
MAS 186	2	Small Vessel Operations I	\$310
MAS 187	2	Small Vessel Operations II	\$310
MAS 188	2	Small Vessel Operations III	\$310
MAS 189	2	Applied Rigging Technology	\$310
MAS 190	1	Vessel Practicum	\$201
MAS 191	1	Deckhand Practicum	\$201
MAS 192	2	Deck Machinery & Vessel Maintenance	\$310
MAS 193	2	Engine Room Maintenance & Safety	\$310
HM 120	1	24-Hour HAZWOPER Training (dates TBA)	\$150
MAS 3451	2	Charter Boat Deckhand (dates TBA)	\$300
MAS 208	2	Ratings Forming Part of a Navigational Watch	\$440
MAS 209	1	Ratings Forming Part of a Navigational Watch "Lookout Only"	\$210

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. Some 1/2 days on Wednesdays.

Vessel hours are 8 AM - 4:30 PM

FALL-16

September 27 + 29
 October 4 + 6
 October 11 + 13
 October 18 + 20
 October 25 + 27
 November 1 + 3
 November 8 + 10 no class 11th
 November 15 + 17
 November 22 closed 24+25
 Nov 29 + Dec 1
 December 6 + 8

WINTER-17

January 10 + 12
 January 17 + 19
 January 24 + 26
 Jan 31 + Feb 1
 February 7 + 9
 February 14 + 16
 February 21 + 23
 Feb 28 + Mar 1
 March 7 + 9
 March 14 + 16
 March 21 + 23
March 27-31 Closed Spring Holiday

SPRING-17

April 4 + 6
 April 11 + 13
 April 18 + 20
 April 25 + 21
 April 26 + 27
 May 2 + 4
 May 9 + 11
 May 16 + 18
 May 23 + 25
 May 30 + June 1
 June 6 + 8

Clatsop Community College

2016-17 Schedule

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

Email: bham@clatsopcc.edu
bantilla@clatsopcc.edu

Class hours 8 A.M.– 5 P.M.

Instructor: Bill Ham & Bill Antilla

COST

ARPA	\$640
Unlimited 40-Hour Original	\$450
Unlimited 24-Hour Recert	\$250
Unlimited 8-Hour Refresher	\$150
"Rivers" 24-Hour Original	\$250
"Rivers" 8-Hour Refresher	\$150

"RIVERS" RADAR 2016-2017

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

ARPA RADAR 16-17
Automatic Radar Plotting Aids
Includes Unlimited Refresher

32-Hour	Oct 24-27
32-Hour	Feb 13-16
32-Hour	TBA
2-Day ARPA Recertification for Pilots TBA	

UNLIMITED RADAR 2016-2017

Call and reserve your place in class early to avoid disappointment.

40-Hour Original	July 11-15	40-Hour Original	January 9-13
24-Hour Recertification	July 13-15	24-Hour Recertification	January 11-13
8-Hour Refresher	July 15	8-Hour Refresher	January 13
40-Hour Original	September 26-30	40-Hour Original	March 13-17
24-Hour Recertification	September 28-30	24-Hour Recertification	March 15-17
8-Hour Refresher	September 30	8-Hour Refresher	March 17
40-Hour Original	Nov 28-December 2	40-Hour Original	April 10-14
24-Hour Recertification	Nov 30-Dec 2	24-Hour Recertification	April 12-14
8-Hour Refresher	December 2	8-Hour Refresher	April 14
		40-Hour Original	May 15-19
		24-Hour Recertification	May 17-19
		8-Hour Refresher	May 19

PROFICIENCY IN SURVIVAL CRAFT 2016-2017
STCW-95 Approved \$380 plus cons fee

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 Training. Students must bring proof of completion of these BT 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.

2016 Summer July 5-8	2016 Fall October 11-14 December 5-8	2017 Winter January 19-22 March 15-18	2017 Spring April 12-15 June 6-9
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STCW-95 APPROVED 2016-17

Bridge Resource Management
STCW-95 Approved **Cost \$380** plus cons fee

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

November 21-23, 2016 February 21-23, 2017 May 22-24, 2017

Basic Training
STCW 95-Approved **Cost \$813** plus cons fee

The U.S. Coast Guard STCW-95 approved 40-hour Basic 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.

2016 July 18-22, September 26-30, October 31-Nov 4, Nov 28-Dec 2
 2017 January 9-13, Jan 30-Feb 3, Feb 27-March 3, April 3-7, April 24-28, May 22-26

Basic & Advanced Fire Fighting
2016-17 STCW-95 Approved

The student will satisfy the requirements of Basic Training 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 AVI/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.

<p>16-Hr Basic Fire \$416 plus cons fee</p> <p style="text-align: center;">↓</p> <p>2016 July 18-19 September 26-27 October 31-Nov 1 Nov 28-29</p> <p>2017 January 9-10 January 30-31 February 27-28 April 3-4 April 24-25 May 22-23</p>	<p>32-Hr Advanced \$690 plus cons fee</p> <p style="text-align: center;">↓</p> <p>July 25-29 October 3-6 November 7-10 December 5-8</p> <p>January 17-20 February 6-9 March 6-9 April 10-13 May 1-4 May 30-Jun 2</p>	<p>Combined Fire \$1,106 plus cons fee</p> <p style="text-align: center;">↓</p> <p>July 18-22 & July 25-29 Sept 26-27 & October 3-6 October 31-Nov 1 & November 7-10 Nov 28-29 & December 5-8</p> <p>January 9-10 & January 17-20 January 30-31 & February 6-9 February 27-28 & March 6-9 April 3-4 & April 10-13 April 24-25 & May 1-4 May 22-23 & May 30-June 2</p>
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