



**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 8-July 26, 2019

**Fall Term** September 23-December 6, 2019

**Winter Term** January 6-March 20, 2020

**Spring Term** March 30-June 12, 2020

**Non-Discrimination Declaration**

It is the policy of Clatsop Community College that there will be no discrimination or harassment on the grounds of race, color, sex, 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 Naomi Garbutt, Affirmative Action/Gender Equity (Title IX) Officer, Towler Hall, Suite 110, ngarbutt@clatsopcc.edu 503-338-2450; TDD 503-338-2468. The Director of Disability Services, Mallory Vollner, is located in Towler Hall, Suite 104A, mvollner@clatsopcc.edu 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, jzahn@clatsopcc.edu 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, sexo, 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 Naomi

Garbutt, Oficial de Acción Afirmativa / Título IX localizado en Towler Hall número 110 ngarbutt@clatsopcc.edu número de teléfono 503-338-2450, TDD

(discapacidad auditiva) 503-338-2468. Director de Discapacidad Dervices, Mallory Vollner, se encuentra en Towler

Hall, numero 104A, mvollner@clatsopcc.edu 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.

**Ayuda a personas discapacitadas**

En cuanto a las personas discapacitadas, se les pide que se comuniquen con JoAnn Zahn, la Vice Presidente de Finanzas y Operaciones en Clatsop Community College, 1651 Lexington Avenue, Astoria, Oregon 97103, Library Suite 110, jzahn@clatsopcc.edu número telefónico (503) 338-2421 o a TDD (503) 338-2468. Haga el favor de notificar a la oficina para que se le pueda proporcionar apoyo. La comunicación debe tomar lugar por lo menos dos días de trabajo antes del evento por el cual se requiera tal ayuda. 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 Approved Training</i> 32-Hour Lifeboatman (PSC) PSC Refresher 32-Hour ARPA Automatic Radar Plotting Aids 70-Hour GMDSS 24-Hour Bridge Resource Management 40-Hour Tankship Dangerous Liquids 40-Hour Basic Training 24-Hour Basic Training <i>Refresher</i> 32-Hour RFPNW Apprentice Mate Steersman <i>Upgrade</i> Leadership &amp; Managerial Skills</p>	<p><i>US Coast Guard Approved Training</i> Radar Observer Unlimited Deck Licenses Master/Mate 100/200 OUPV &amp; A/B Program Basic Firefighting Advanced Firefighting Advanced Firefighting <i>Revalidation</i> Celestial Navigation 500/1600 /ton Training Ship provides 360 days Sea Service CPR/First Aid Visual Communications (Flashing Light) Auxiliary Sail, Assistance Towing</p>	<p><i>Associate Degree Program</i> 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) 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 SIGNALING 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 & REFRESHER**

The U.S. Coast Guard STCW 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 requirements for mariners sailing beyond the boundary line.

## **BRIDGE RESOURCE MANAGEMENT**

The U.S. Coast Guard STCW 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 CREDENTIAL 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 11<sup>th</sup> 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 IMO regulations. Students demonstrate skills and knowledge needed to operate effectively as a Tankerman Person-In-Charge.

## **MASTER/MATE CREDENTIAL 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 four for dates/hours.

**Marine Credential 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 Credential 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, Tuesdays & Thursdays, 8 AM – 4:30 PM. And Wednesdays 8 AM-Noon. 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 four. Students may enroll and begin an open entry/exit class any day of any week of the term. Please advise with instructor prior to registration.

## 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 503-338-2322. Degree seeking students who are residents of states other than Oregon, Washington, California and Idaho may have to pay out-of-state tuition for classes.

## ENROLL TODAY

by Phone: **503-325-7962** or **503-338-7600**  
Monday - Friday, 7:30 AM - 5:00 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](mailto:tmiddleton@clatsopcc.edu)

### **Maritime & Fire Science Staff**

Bill Antilla, Maritime Instructor 503-338-7602

[bantilla@clatsopcc.edu](mailto:bantilla@clatsopcc.edu)

Jake Campbell, Fire Science/Marine Fire, Instructor  
503-338-7650

[jcampbell@clatsopcc.edu](mailto:jcampbell@clatsopcc.edu)

Eldon Russell, Maritime Instructor 503-338-7602

[erussell@clatsopcc.edu](mailto:erussell@clatsopcc.edu)

Bryce Potter, Maritime, Instructor 503-338-7605

[bpotter@clatsopcc.edu](mailto:bpotter@clatsopcc.edu)

Nick Williams, Instructional Assistant 971-704-4230

[nwilliams2@clatsopcc.edu](mailto:nwilliams2@clatsopcc.edu)

Tom Williams, Maritime Instructor 503-338-7603

[twilliams@clatsopcc.edu](mailto:twilliams@clatsopcc.edu)

Adjunct Instructors: Stacy McCoy, Dick Bass, Joey Daniels, David Rankin, Jerry Alderman, Robert Johnson, Kurt Donaldson and Darren Stolz

Tony Como, Fire Science Assistant 503-338-7651

[tcomo@clatsopcc.edu](mailto:tcomo@clatsopcc.edu)

Toni Middleton, Program Assistant II 503-325-7962

[tmiddleton@clatsopcc.edu](mailto:tmiddleton@clatsopcc.edu)

**503-325-7962**

[www.clatsopcc.edu](http://www.clatsopcc.edu)

*Class dates and costs are subject to change without notice*

# 2019-2020 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	\$460
MAS 122	US Coast Guard Marine License Training (OUPV)	4	\$610
MAS 123	US Coast Guard Marine License Training (100 Ton or less)	5	\$675
MAS 124	US Coast Guard Marine License Training (200 Ton or less)	6	\$790
MAS 137	Radar Navigation (dates TBA)	2	\$TBA
MAS 147	Vessel Regulations	3	\$355
MAS 148	Vessel Stability	3	\$355
MAS 150	Marine Safety Drill Conductor (dates TBA)	3	\$150
MAS 164	Introduction to Navigation	3	\$355
MAS 167	Celestial Navigation	4	\$462
MAS 168	Charts, Aids to Navigation, and Magnetic Compasses	3	\$355
MAS 170	Marine Weather, Tides, Currents, and Waves	3	\$355
MAS 171	Coastal Navigation & Voyage Planning	3	\$355
MAS 172	Ocean Navigation & Voyage Planning	4	\$470
MAS 175	Rules of the Road	3	\$337
MAS 208	RFPNW	2	\$450
MAS963219	Apprentice Mate Steersman (16 hr)	0	\$200
MAS963221	Auxiliary Sail (8hr)	0	\$ 75
MAS963222	Vessel Personnel with Designated Security Duties VPDS (8 hrs.)	0	\$150
MAS9632	Assistance Towing	0	\$ 75
HM 120	Hazwoper Training (24 hr) next class April 20-22, 2020	1	\$150
HZM963201	Hazwoper Recertification Training (8 hr)	0	\$ 75
MAS963203	Visual Communications (Flashing Light)	0	\$100

**TANKSHIP DANGEROUS LIQUIDS May 11—15, 2020 TBA \$760**

## 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

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

## GMDSS Training

**STCW Approved Cost \$1,680**

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.

**December 9-18, 2019, January 27-Feb 5, April 6-16, May 4-14, 2020**

**Call 503-325-7962 for available dates.**

# 2019-2020 Vessel-Based Schedule

<b>Vessel-Based Courses</b>			
<b>Open Entry-Open Exit Courses Onboard the Training Vessel</b>			
Number	Credit	Course Name	Cost
MAS 100	2	Maritime Occupations	\$352
MAS 150	2	5-Day Marine Safety (M-F)	\$150
MAS 155	2	Intro to Watchkeeping	\$352
MAS 165	2	Practical Navigation	\$352
MAS 180	2	Marine Electronics	\$352
MAS 181	2	Seamanship I	\$352
MAS 182	2	Seamanship II	\$352
MAS 183	2	Seamanship III	\$352
MAS 184	2	Galley Cooking	\$352
MAS 186	2	Small Vessel Operations I	\$352
MAS 187	2	Small Vessel Operations II	\$352
MAS 188	2	Small Vessel Operations III	\$352
MAS 189	2	Applied Rigging Technology	\$310
MAS 190	1	Vessel Practicum	\$234
MAS 191	1	Deckhand Practicum	\$234
MAS 192	2	Deck Machinery & Vessel Maintenance	\$352
MAS 193	2	Engine Room Maintenance & Safety	\$352
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 (inquire for specific dates)	\$450

<b>Vessel-Based Courses Dates &amp; Times</b>		
<p>Students begin open entry/exit, vessel-based courses on Tuesdays &amp; Thursdays during any days listed below during Fall, Winter or Spring term. Vessel hours are 8 AM - 3:20 PM Classroom Vessel Hours are Wednesdays 8 AM - 12:00 throughout the term.</p>		
<b>FALL-2019</b>	<b>WINTER-2020</b>	<b>SPRING-2020</b>
September 24 + 26	January 7 + 9	March 31 + April 2
October 1 + 3	January 14 + 16	April 7 + 9
October 8 + 10	January 21 + 23	April 14 + 16
October 15 + 17	January 28 + 30	April 21 + 23
October 22 + 24	February 4 + 6	April 28 + 30
October 29 + 23	February 11 + 13	May 5 + 7
October 26 + 31	February 18 + 20	May 12 + 14
November 5 + 7	February 25 + 27	May 19 + 21
November 12 + 14 <i>Closed 11th</i>	March 3 + 5	May 26 + 28 <i>Closed May 25</i>
November 26 + 27 <i>closed 28+29</i>	March 10 + 12	June 2 + June 4
December <i>No boat classes finals week</i>	March <i>No boat classes finals week</i>	June <i>No boat classes finals week</i>
	<i>March 23-27 Closed Spring Holiday</i>	

# Clatsop Community College

## 2019-20 Schedule

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

Email: [tmiddleton@clatsopcc.edu](mailto:tmiddleton@clatsopcc.edu)

Class hours are 8 AM– 5 PM

Instructor: Capt. Robert Johnson

### COST

ARPA	\$638
Unlimited 40-Hour Original	\$465
Unlimited 24-Hour Recert	\$253
Unlimited 8-Hour Refresher	\$150

### “RIVERS” RADAR 2019-2020

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

### ARPA RADAR 19-20

#### Automatic Radar Plotting Aids

Includes Unlimited Refresher

32-Hour	Nov 21-24
32-Hour	Feb 24-27
32-Hour	May 4-7
2-Day ARPA Recertification for Pilots TBA	

### UNLIMITED RADAR 2019-2020

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

40-Hour Original	July 8-12	40-Hour Original	January 6-10
24-Hour Recertification	July 10-12	24-Hour Recertification	January 8-10
8-Hour Refresher	July 12	8-Hour Refresher	January 10
40-Hour Original	September 23-27	40-Hour Original	March 9-13
24-Hour Recertification	October 25-27	24-Hour Recertification	March 11-13
8-Hour Refresher	October 27	8-Hour Refresher	March 13
40-Hour Original	December 2-6	40-Hour Original	April 13-17
24-Hour Recertification	December 4-6	24-Hour Recertification	April 15-17
8-Hour Refresher	December 6	8-Hour Refresher	April 17
		40-Hour Original	June 1-5
		24-Hour Recertification	June 3-5
		8-Hour Refresher	June 5

### PROFICIENCY IN SURVIVAL CRAFT 2019-2020

STCW 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.

<b>2019 Summer</b>	<b>2019 Fall</b>	<b>2020 Winter</b>	<b>2020 Spring</b>
July 23-26	November 12-15	February 11-14	May 5-8

**PSC Refresher Call 503-325-7962 for Dates**

# STCW APPROVED 2019-20

<b>Bridge Resource Management</b> Cost \$380 plus cons fee April 20 - 22, 2020	<b>Leadership and Managerial</b> Cost \$700 plus cons fee April 20 - 24, 2020
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**Basic Training Original**  
**STCW Approved** Cost \$831 plus cons fee

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

**2019** July 8-12, September 23-27, October 28-Nov 1, November 18-22  
**2020** January 6-10, February 3-7, March 2-6, March 30-Apr 3, April 27-May 1, June 1-5

**Basic Training Refresher \$400**  
**2020** January 21-23, February 18-20, April 7-9, May 26-28

**Basic & Advanced Fire Fighting**  
**2019-20 STCW 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 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 \$423** plus cons fee    **32-Hr Advanced \$690** plus cons fee    **Combined Fire \$1,113** plus cons fee

<b>2019</b>	July 8-9 September 23-24 October 28-29 Nov 18-19	July 15-18 Sept 30-Oct 3  December 2-5	July 8-9 & July 15-18 Sept 23-24 & Sept 30-Oct 30  Nov 18-19 & December 2-5
<b>2020</b>	January 6-7 February 3-4 March 2-3 March 30-31 April 27-28 June 1-2	January 13-16  March 9-12 April 6-9  June 8-11	January 6-7 & January 13-16  March 2-3 & March 9-12 March 30-31 & April 6-9  June 1-2 & June 8-11

**ADV FIRE REVALIDATION \$200**  
**2020** January 24, February 21, April 10, May 29