

Washington County



Community College

Calais, Maine  
Discover Choices • Create Success

### Approximate Cost For One Year (Tuition & Fees)

In State  
\$3,765.70

New Brunswick Residents  
\$7,361.20

Out of State  
\$7,336.90

Financial Aid is available  
for students who qualify.  
Approximately 85% of  
WCCC students receive  
some form of financial aid.

[www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov)

School Code: 009231

One College Drive  
Calais, Maine 04619

207-454-1000  
1-800-210-6932



[wccc.me.edu](http://wccc.me.edu)

# Coastal Fisheries and Marine Technology



The **Coastal Fisheries & Marine Technology Program** is designed with a four-fold purpose:

- To prepare graduates for entry level positions relevant to the Commercial Fishing Industry and the Aquaculture industry.
- To provide required training to youth license holders in Commercial Fishing as a career pathway to gain their adult Commercial Fishing license.
- To respond to the growing need for additional training in both the Commercial Fishing industry and the expanding industry of land-based fish farming.
- To provide persons interested in marine fisheries the opportunity to upgrade their skills and knowledge base for career advancement with a college degree and an avenue to work toward more advanced degrees.

**Program Learning Outcomes:** Upon completion of the Coastal Fisheries and Marine Technology Program the graduate is prepared to:

- Demonstrate an understanding of the environmental, scientific, ecological, and practical theories of commercial fisheries and aquaculture systems.
- Understand and apply knowledge of the fisheries industry, its language, regulations, and management practices to include both offshore and land-based practices.
- Exercise effective interpersonal communications techniques when dealing with diverse populations.
- Demonstrate a working knowledge of commercial fishing vessels structural components to include electrical, electronic, hydraulic, fluid, and engine systems and the maintenance needs of those systems.
- Understand and apply knowledge concerning safety and conscientious stewardship of the environment.

**Industry recognized certifications including SDI/SCUBA, OUPV Captain's License, ABYC.**

**Career Opportunities:** Graduates of the program will be qualified for positions such as Commercial Fisherman, Aquaculture Technician, Marine Technician, and Marine Engine Specialist.

**For more information, contact our Office of Admissions or Schedule a Virtual Campus Visit!**



## Associate in Applied Science – 63 Credit Hours

Course #	Course Title	Credits
<b>Semester 1</b>		
BUS-110	Introduction to Business	3
ENG-101	College Composition	3
FYE-100	First Year Experience	1
MRT 105	Fisheries Fundamentals I	3
MRT-110	Marine Maintenance and Operations I	4
TEC-110	Safety	1
	<b>Total</b>	<b>15</b>
<b>Semester 2</b>		
MAT-106	College Mathematics for Technologies	3
MRT-106	Fisheries Fundamentals II	3
MRT-107	Introduction to Fisheries and Aquaculture	4
MRT-112	Marine Maintenance and Operations II	4
WEL-109	Introduction to Welding	2
	<b>Total</b>	<b>16</b>
<b>Semester 3</b>		
ENG-107	Speech	3
HIS-122	History of Commercial Fishing in Maine	3
MAT-Elective	Math elective of MAT-112 or higher	3
PHI-114	Environmental Ethics	3
MRT-201	Fisheries Conservation and Management	3
	<b>Total</b>	<b>15</b>
<b>Semester 4</b>		
BIO-112	Marine Biology	4
PSY-101	Introduction to Psychology	3
<b>MRT 207 or MRT 208</b>	<i>Advanced Fisheries and Aquaculture or Advanced Marine Engine Systems</i>	3
<b>MRT 210 or MRT 211</b>	<i>Practicum</i>	3
<b>MRT 116 or MRT 115</b>	<i>Basic Open Water Diving (SCUBA) or USCG OUPV Captain's Course</i>	3
	<b>Total</b>	<b>16</b>

***During Semester 4, students can choose between two concentrations, Fisheries and Aquaculture or Vessel Operations and Maintenance.***

## Certificate – 31 Credit Hours

Course #	Course Title	Credits
<b>Semester 1</b>		
BUS-110	Introduction to Business	3
ENG-101	College Composition	3
FYE-100	First Year Experience	1
MRT 105	Fisheries Fundamentals I	3
MRT-110	Marine Maintenance and Operations I	4
TEC-110	Safety	1
	<b>Total</b>	<b>15</b>
<b>Semester 2</b>		
MAT-106	College Mathematics for Technologies	3
MRT-106	Fisheries Fundamentals II	3
MRT-107	Introduction to Fisheries and Aquaculture	4
MRT-112	Marine Maintenance and Operations II	4
WEL-109	Introduction to Welding	2
	<b>Total</b>	<b>16</b>

*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040*