Maritime Technology
(PROGRAM #8404100)

The Maritime Technology pathway prepares students to meet the needs of the global marine industry. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands on projects. Students learn transferrable skills that can be applied to careers in the marine and engineering industries.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). FL-TSA, SkillsUSA

PROFESSIONAL CAREER CERTIFICATIONS*

Industry Certification Title	CAPE college credits	Graduation online course requirement	Math/Sci Waiver (non-EOC)
Microsoft Office Specialist	N/A	YES	NO
Autodesk certified user: AutoCAD	3 credits	YES	YES
Autodesk certified user: Inventor	3 credits	YES	YES
Certified SolidWorks Associate (CSWA)	3 credits	YES	YES
Engineering CORE certification (PLTW only)	N/A	YES	NO

POST SECONDARY OPTIONS

Options	Pathway	Career**	Avg. Salary**
COLLEGE / UNIVERSITY ENROLLMENT	Marine Engineering Technology BS Engineering Technology AS	Senior Maritime Security Engineer Naval Architect Mechanical Engineer Marine Engineer	$103,355 $116,925 $78,274 $82,644
REGISTERED APPRENTICESHIP	N / A	N / A	N / A
WORKFORCE	Marine Industry	Boat captain Engine Mechanic Marine Fleet technician Deckhand	$20.06 / hr $20.87 / hr $15.53 / hr $13.32 / hr

COLLEGE SCHOLARSHIPS

Florida Gold Seal Vocational Scholars (GSV) Funds 2-year programs: Technical College certificate or State College degree	The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College. To earn this scholarship students must: • Complete 3 credits within a single pathway • 3.0 weighted core GPA • 3.5 unweighted GPA in the pathway courses • Minimum college ACT, SAT, or PERT scores Click here to see the full eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf
Florida Gold Seal CAPE Scholars (GSC) Funds a 2+2 bachelor's degree (BS or BAS)	The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program. To earn this scholarship students must: • Pass Industry Certification exam(s) equaling 5 or more college credits • Document a minimum of 30 service hours Click here to see the full GSC eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf Click here to see Industry Certification awarded college credits: http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml

SCHOOLS OFFERING THIS PATHWAY

High Schools:	South Broward
Middle Schools:	New River Any school offering the **Intro to Engineering Design** high school course

COURSE PROGRESSION

Course	Course #	Teacher Certification
Maritime 1 (honors) Maritime 2 (honors) Maritime 3 (honors) Maritime 4 (honors)	8404110 8404120 8404130 8404140	SEAMANSHIP (local) TECH ED 1

CAREER PATHWAY OPPORTUNITIES

CTE pathways offer students opportunities to continue their education after high school. Dual Enrollment pertains to students taking college courses while enrolled in high school. Articulation agreements allow students to earn college credit for CTE courses and industry certifications earned in high school.

Workplace Experience	CTE students have the opportunity to complete a pre-professional learning experience the summer after 11th grade in their chosen field of study or career interest. www.browardschools.com/CTACE
Broward Technical Colleges	Students who have passed courses in a high school CTE program or earned an Industry Certification can apply those credits to the aligned postsecondary program. Contact a BTC Counselor for more information or follow the link to see how you can save time and money when you attend a Broward Technical College. http://www.browardtechnicalcolleges.com/articulation-agreement
Broward College	Students who complete a CTE pathway or earn an Industry Certification that aligns with Broward College's Associate of Science degree programs can earn FREE college credit. www.broward.edu/academics/cpl/pages/high-school.aspx

*Industry certifications offered may vary by school.
**Salary data collected from Indeed.com, 04/2017

CONTACT INFORMATION

Broward County Public Schools: Career, Technical, Adult and Community Education

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INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION (IMCT)

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