

Outboard Marine Service Technology

(PROGRAM #9504200)

The Outboard Marine Service Technology pathway focuses on outboard engines, 2-stroke and 4-stroke theory, with an overview of in-board gas and diesel engines. Students learn the use of tools, equipment, fuel, and cooling systems and how to troubleshoot and repair boats and engines.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). 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 |

POST SECONDARY OPTIONS

| Options | Pathway | Career** | Avg. Salary** |
|---------------------------------|---|--|--|
| COLLEGE / UNIVERSITY ENROLLMENT | Engineering BS (multiple) Marine Engineering Management AS Marine Service Technology VA | Mechanical Engineer Marine Engineer Marine Surveyor | \$78,274 \$82,644 \$51,708 |
| REGISTERED APPRENTICESHIP | N / A | N / A | N / A |
| WORKFORCE | Marine / Automotive Industry | Boat captain Outboard mechanic Marine technician Deckhand | \$20.06 / hr \$16.32 / hr \$16.08 / hr \$13.32 / hr |

COLLEGE SCHOLARSHIPS

| | |
|---|--|
| <p>Florida Gold Seal Vocational Scholars (GSV)</p> <p>Funds 2-year programs: Technical College certificate or State College degree</p> | <p>The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • 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 <p>Click here to see the full eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p> |
| <p>Florida Gold Seal CAPE Scholars (GSC)</p> <p>Funds a 2+2 bachelor's degree (BS or BAS)</p> | <p>The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Pass Industry Certification exam(s) equaling 5 or more college credits • Document a minimum of 30 service hours <p>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</p> |

SCHOOLS OFFERING THIS PATHWAY

| | |
|-----------------|---------------|
| High Schools: | South Broward |
| Middle Schools: | n/a |

COURSE PROGRESSION

| Course | Course # | Teacher Certification |
|-------------------------------------|----------|----------------------------------|
| Outboard Marine Service 1* | 9504210 | Diesel Mechanic (local) |
| Outboard Marine Service 2* | 9504220 | |
| Outboard Marine Service 3* | 9504230 | Gas Engine Repair (local) |
| Outboard Marine Service 4* | 9504240 | |
| Advanced Marine Technology 1* | 9504250 | *ALL courses are honors level |
| Advanced Marine Technology 2* | 9504260 | |
| Outboard Marine Service Capstone 5* | 9504270 | |

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 11 th 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
 754-321-8400 www.BrowardSchools.com CTACE@BrowardSchools.com

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Individuals with disabilities requesting accommodations under the American with Disabilities Act Amendments Act of 2008 (ADAAA) may call Equal Educational Opportunities/ADA Compliance Department at 754-321-2150 or Teletype Machine (TTY) 754-321-2158.

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INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION (IMCT)