



Associate of Applied Science in Marine Engineering Management - A040

CAREER PATHWAY: [INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION \(IMCT\)](#)

Location(s): [General Education courses are offered at all BC locations. Program-specific courses for this program are offered at the Judson A. Samuels South Campus.](#)

Program Entrance Requirements: HS Diploma or GED. Students might also require a valid and unrestricted driver's license in order to participate in co-op courses.

Program Description: The Marine Engineering Management degree is designed to prepare students interested in a career in the large yacht maintenance, repair, and retrofit industry. Broward County is the world leader in the yacht industry and needs qualified technicians to work on yachts with diesel engines and sophisticated sustainable systems. Completers of the program may be employed in shipyards working on multi-million-dollar vessels using the latest technology in marine equipment. The career may also include the option of being part of the on-board crew and traveling around the world. Career advancement in management is a possible progression in the field.

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RECOMMENDED COURSE SEQUENCE

Full Time	Part Time	Course ID	Description	Credits	TC1	TC2	TC3	TC4
Term 1	Term 1	ENC1101	English Composition I	3				
		MTE1004C	Introduction to Marine Technology	3	X	X	X	X
		MTE1400C	Marine Electricity	3	X	X	X	X
	Term 2	MTE2420C	Advanced Electrical Systems	3	X	X	X	X
MTE2490C		Marine Electronics	3	X	X	X	X	
Term 2	Term 3	MTE1040C	Marine Diesel 1	3		X	X	
		MTE2041C	Marine Diesel 2	3		X	X	
	Term 4	MTE1073C	Gasoline Engine Diagnostics and Repair	3		X	X	
		MTE2234C	Marine Transmissions	3		X	X	
Term 3	Term 5	MTE2541C	Marine Auxiliary Equipment	3			X	X
		MTE1543C	Marine Air Conditioning Systems	3				
Term 4	Term 6	MTE1062C	Marine Corrosion & Prevention	3			X	X
		MTE1312C	Advanced Marine Composites	3				X
	Term 7	CGS1060C	Computer & Internet Literacy	3				
		GE Course	General Education Mathematics**/Natural Science	3				
Term 5	Term 8	MTE1651C	Basic Welding	4			X	X
		Electives*	Electives	3				
	Term 9	GE Course	Humanities	3				
		GE Course	General Education Speech	3				
Term 6	Term 10	MTE2949	Marine Internship	2				
		GE Course	General Education Social/Behavioral Science	3				
	Term 11	Electives*	Electives	3				
Total Program Credit Hours				66	12	24	34	24

Notes: *Student may choose any lower division elective course to satisfy this requirement.

**Students are required to meet the college's Computer Competency Requirement. This requirement can be met by passing the Computer Competency test. However, if a student is unable to pass the test, they will be required to take CGS1060C. In this instance, the student would be advised to take CGS1060C as an elective course. **MAC1105C is a 5-credit course. Students who register this course must see an advisor to discuss their academic plan.

This is only a recommended course sequence. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

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PROGRAM HIGHLIGHTS



CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...



RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- Students will earn various American Boat and Yacht Council (ABYC) Certifications.



GET AN INTERNSHIP

After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has [Career Insight](#). It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.



FUND YOUR EDUCATION

This program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

This program is part of the [Career Source Broward ITA List](#)

GET STARTED TODAY!

[START APPLICATION](#)



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