


Brevard Public Schools Career & Technical Education (CTE) Program of Study

Option 1

Career Cluster: Transportation, Distribution and Logistics	CTE Program: 9504200 Outboard Marine Service Technology Postsecondary Program: Marine Propulsion
---	---

Career Cluster Pathway: Facility and Mobile Equipment Maintenance	Secondary Industry Certification(s) 1. Florida Automobile Dealers Association (FADA) Certified Technician 2. ASE Entry-Level - Auto: Electrical/Electronic Systems (EE)
--	--

	17 1/2 REQUIRED CORE CREDITS					8 1/2 ADDITIONAL CREDITS	
	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	Additional	8.5 electives, including CTE sequential Program of Study and recommended electives * Signifies CTE course meets Performing Arts graduation credit requirement	
	4 credits	4 credits	3 or 4 credits, 2 w/ lab	3 or 4 credits	Required Credits HOPE, Performing Arts and CRDM		

Students are encouraged to begin planning for career and postsecondary options by exploring resources at mycareershines.org
 Students are also encouraged to participate in dual enrollment course which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements
 One course within the 26 credit program must be an online course. Cumulative GPS of 2.0 on a 4.0 scale credit program.

HIGH SCHOOL	9	English Honors 1	Geometry Honors	Biology 1 Honors or Integrated Science 1 Honors	World History Honors	Career Research & Decision Making (.5cdt)/Elective (Ethics .5)	Elective (Computing for College and Careers)	Elective (Foreign Language)
	10	English Honors 2	Algebra 2 Honors	Chemistry 1 Honors or Integrated 2 Honors	American History Honors	HOPE	Outboard Marine Service 1	Elective (Foreign Language)
	11	AP English Language & Comp or English Honors 3	Pre Calc or Advanced Math Topics	Physics 1 Honors or Integrated 3 Honors or AP Physics B	American Government Honors/ Economics Honors	Performing Fine Arts (Speech or DE Speech SPC 2608/ DE Art History ARH 1051)	Outboard Marine Service 2	Outboard Marine Service 3
	12	AP English Lit & Comp or DE English Comm 1 ENC1101/DE Technical Writing ENC2210 or English Honors 4	AP Calculus, AP Statistics or DE College Algebra MAC 1105/DE Statistics STA 2023	AP Environmental Science or DE Science or Integrated 4 Honors	AP Psychology or DE Sociology SYG 2000 / DE Psychology PSY 2012 or Sociology/ Psychology 1	Elective (DE Intro to Business GEB 1011/ DE Business Mathematics MTB 1103)	Outboard Marine Service 4	Advanced Marine Technology 1

Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified CTE program, the following postsecondary options are available. The official college or university catalog must be used to determine course requirements in the major.

POSTSECONDARY	http://www.easternflorida.edu/academics/career-technical-programs/		UNIVERSITY PROGRAM(S) Bachelors Degree (four-year)
	*WyoTech Marine Technology	*Marine Propulsion AS (Key West Community College)	Mechanical Engineering BS
	*MMI Marine Mechanic's Institute		Electrical Engineering BSEE

CAREER	SAMPLE CAREER SPECIALTIES		
	Marine Service Technician Service Writer/Manager Sales, Entrepreneur Motorboat Mechanic	Marine Engineer Test Engineer - Marine Equipment Port Engineer Marine Navel Architect Marine Surveyor	Mechanical Engineer Electrical Engineer

Articulation and CTE Dual Enrollment Opportunities		
Secondary to Technical Center (PSAV)	Secondary to College Credit Certificate or Degree	Industry Certification to PSAV, AAS or AS

