




Career Cluster: Engineering and Technology Education				CTE Program: 840410 - Maritime Technology				
Career Cluster Pathway: <b>Facility and Marine Equipment Maintenance</b>				Industry Certification(s): SKILLS USA Connect				
	<b>17 1/2 REQUIRED CORE CREDITS</b>						<b>8 1/2 ADDITIONAL CREDITS</b>	
	<b>ENGLISH</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL STUDIES</b>	<b>Additional Required Credits</b>		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	HOPE, Performing Arts, and CRDM			
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>• Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a>.</li> <li>• Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>• One course within the 26 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 26 credit program.</li> </ul>							
	<b>9</b>	English Honors 1	Algebra 1	Biology 1 Honors or Integrated Science 1 Honors	World History Honors	Career Research & Decision Making (.5cdt)/Elective (Driver's Education .5cdt.)	Elective (Digital Information Technology)	Elective (Foreign Language)
	<b>10</b>	English Honors 2	Geometry	Chemistry 1 Honors or Integrated Science 2 Honors	American History Honors	HOPE	Environmental Science	Elective (Foreign Language)
	<b>11</b>	AP English Language & Comp or English Honors 3	Algebra 2	Physics 1 Honors or Integrated Science 3 Honors	American Government Honors/ AP Economics	Maritime Technology	Maritime Technology	Elective (Foreign Language)
	<b>12</b>	AP English Lit & Comp or DE English Comm 1 ENC1101/DE Technical Writing ENC2210	Advanced Math Topics, Pre-Calc, or AP Statistics	AP Science, Science Research, or DE Science	AP Psychology or DE Sociology SYG 2000 / DE Psychology PSY 2012 or Sociology/ Psychology 1	Maritime Technology	Maritime Technology	Elective (Foreign Language)
<b>POSTSECONDARY</b>	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.							
	<a href="http://www.easternflorida.edu/academics/career-technical-programs/our-programs/">http://www.easternflorida.edu/academics/career-technical-programs/our-programs/</a>						<b>UNIVERSITY PROGRAM(S)</b>	
							<b>Bachelors Degree (four-year)</b>	
	Marine Service Technology PSAV		<b>Associate in Science Degrees (two-year)</b>				<b>Eastern Florida State</b>	
	Automotive Service Technology PSAV						Mechanical Engineering BSME Electrical Engineering Technology BSEET Industrial Engineering BSIE	
<b>CAREER</b>	<b>Sample Career Specialties</b>							
	Marine Service Technician, Marine Fleet Service Manager, Marine Service Manager, Marine Service Writer, Parts Counter Person, Equipment Representative		Marine Service Supervisor, Fleet Service Manager, Marine Service Writer			Industrial Engineer, Mechanical Engineer, Electrical Engineer		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	<b>Secondary to Technical Center (PSAV)</b> <i>(Minimum # of clock hours awarded per institution)</i>		<b>Secondary to College Credit Certificate or Degree</b> <i>(Minimum # of clock or credit hours awarded)</i> <b>Articulated credit to which courses and number of credits</b>			<b>PSAV/PSV to AAS or AS/BS/BAS</b> <b>(Statewide and other local agreements may be included here)</b>		
			<a href="https://www.easternflorida.edu/admissions/registrars-office/credit-evaluation/leap/documents/hs/maritime-technology-2018-mou.pdf">https://www.easternflorida.edu/admissions/registrars-office/credit-evaluation/leap/documents/hs/maritime-technology-2018-mou.pdf</a>					
<b>Career and Technical Student Association:</b>								
Skills USA								
<b>Internship/Work Experience Recommendations:</b>								
Internships with Port Canaveral through the "Propellar Club" is highly recommended.								
<b>Student Progression Plan, on Brevard Public Schools web site, containing graduation requirements:</b>								

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	<b>ENGLISH</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL STUDIES</b>	<b>Additional Required Credits</b>		8.5 Electives, including CTE sequential Program of Study and recommended electives * Signifies CTE course meets Performing Arts graduation credit requirement	
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	<b>9</b>	English Honors 1	Algebra 1	Biology 1 Honors or Integrated Science 1 Honors	World History Honors	Career Research & Decision Making (.5cdt)/Elective (Driver's Education .5cdt.)	Elective (Digital Information Technology)	Elective (Foreign Language)
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	Marine Service Technology PSAV		<b>PSAV Certificate Program</b>			Eastern Florida State		
	Automotive Service Technology PSAV					Mechanical Engineering BSME		
			<b>Associate in Arts (AA) degrees</b> are offered at all Florida Community Colleges and allow students to move on to complete a four-year degree.			Electrical Engineering		
<b>CAREER</b>	<b>Sample Career Specialties</b>							
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	<i>(5 PSAV credits/150 clock hours)</i>		<a href="https://www.easternflorida.edu/admissions/registrars-office/credit-evaluation/leap/documents/hs/maritime-technology-2018-mou.pdf">https://www.easternflorida.edu/admissions/registrars-office/credit-evaluation/leap/documents/hs/maritime-technology-2018-mou.pdf</a>					
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	10	English 2	Liberal Arts Math1	Chemistry 1 or Integrated Science 2	American History	HOPE	Environmental Science	Elective (Intensive Reading)
	11	English 3	Geometry	Physics 1 or Integrated Science 3	American Government/ Economics	Maritime Technology	Maritime Technology	Elective (Intensive Reading)
	12	English 4	Liberal Arts Math 2	Elective Science	World Cultural Geography	Maritime Technology	Maritime Technology	Elective (Intensive Reading)
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