


Career Cluster: Transportation, Distribution & Logistics
 Career Cluster Pathway: Facility and Mobile Equipment Maintenance

CTE Program: **Marine Service Tech. (T400210)**
 Industry Certification: SKUSA009–Skill Connect Assessment

18 CORE CURRICULUM CREDITS

12 ADDITIONAL CREDITS

	ENGLISH (4 credits)	MATH (4 credits)	SCIENCE (4 credits, 2 with lab)	SOCIAL STUDIES (4 credits)	CAREER EDUCATION PROGRAM COURSES		RECOMMENDED ELECTIVES (State University System Aligned)	
	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	AP- Adv. Placement DE- Dual Enrollment	Other Requirements: Pass FCAT 2/PARC – Reading Level 3, pass with 30% of EOC Exam in Algebra 1 & 2, Biology, Geometry, US History		(One virtual course is required)	
Dual enrollment and CTE courses satisfy graduation and Bright Futures Gold Seal Vocational Scholar requirements. Agriscience Foundations and Aerospace Technology satisfy core science requirements. State Approved industry certifications lead to college credit and may substitute for up to two high school credits of math and one credit of science. One online course and a 2.0 is required for graduation. Visit www.flvs.org and your counselor.								
HIGH SCHOOL	9	English 1 or English 1 Honors (1)	Algebra I or Higher Level Math (1)	Earth Space Science or Honors (1)	Geography and History of the World or AP Human Geo.(1)	Advanced Communication or Intensive Reading (1)	HOPE (1) (Florida Virtual)	Spanish I or Higher Level Course (1)
	10	English 2. or English 2 Honors (1)	Geometry or Higher Level Math (1)	Biology or Biology Honors (1)	World History or World History Honors or AP (1)	Digital Information Technology (1)	Semantics & Logic (.5) / Adv. Reading (.5) or Intensive Reading (1)	Spanish 2 or Higher Level Course (1)
	Students take the TABE within 6 weeks of attending classes at LWIT and are encouraged to take the ACT, SAT or PERT during 11th grade.					Program T400210 Marine Service Technology at Lorenzo Walker Technical College		
	11	English or English 3 Honors or AP English Comp. (1)	Algebra II or Higher Level Math (1)	Chemistry (1)	American History or AH Honors or AP (1)	PSAV T400210 Marine Service Technology MTE0003 (300)= OCP A, Summer (Optional)		
	12	English 4 or English 4 Honors or AP (1)	Precalculus or Pro. & Stats. or Higher Level Math	Genetics (1)	American Govt./ Economics or Honors or AP (1)	PSAV T400210 Marine Service Technology MTE0090 (300)= OCP B, MTE0074 (150)= OCP C		
POSTSECONDARY	Based on this Career Cluster and identified career and identified technical education program, the following postsecondary options are available							
	TECHNICAL CENTER PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
Lorenzo Walker Technical College T400210 Marine Service Tech I (1350 hrs.), PSAV Certificate		<ul style="list-style-type: none"> - Small Business Management, AS (24 hrs.)-FSW - Medium & Heavy Duty Truck & Bus Technician – FSC at Jacksonville - Logistics & Transportation Specialist – SFSC – 18 cr. CCC -Transportation & Logistics – AS (59-63cr.)- MDC 			<ul style="list-style-type: none"> -Business Administration & Management, BS (64 cr.)- FSW -Business, General, BS, (132 cr.) (statewide) -Business Administration & Management -BS, (132 cr.) (statewide) -Business Management, BS (122 cr.)-Hodges -Business Administration, AS (60 cr.)- Hodges 			

ARTICULATIONS/ CREDIT	High School Students <u>Dual Enrolled</u> in PSAV Technical Center Program	Technical Center or High School to Community or State College	State and Community Colleges to Universities
	<u>Marine Service Technology (1350 hrs.)</u> Dual Enrollment PSAV: T400210 OCP A – Marine Rigger OCP B – Outboard Engine Technician OCP C – Outboard Engine Diagnostics Technician OCP D – Inboard Gas Engine Technician OCP E – Drive Train Technician OCP F – Inboard Diesel Technician	<u>FL Southwestern State College:</u> PSAV T400210 1350 hrs. to AS Degree in Business Admin. & Mgt. (9 cr.), or CCC in Small Business Management- FSW	<u>Statewide Agreement</u> -Regional AS Degree = (60 cr.) toward BAS degree (120 cr.) in Applied Science - AS to BS (129cr.) -Technology Teacher Ed.-Transportation Emphasis -Business Administration & Management, BS - (64 cr.)
Based on the Career Cluster of interest and identified CTE program the following sample career specialties			
CAREERS	Technical Centers	Community Colleges	4 Year Colleges and Universities
	Bus and Truck Mechanics Diesel Engine Specialists Marine Service Technicians Motorcycle Mechanics Motorboat Mechanics Outboard Engine Technician (DOL) Industrial Machinery Mechanics (HSW)	(DOL) First-Line Supervisor of Mechanics, Installers, and Repairers* (HSW) Self-Enrichment Education Teachers (DOL) Vocational Education Teachers, Postsecondary - (HSW) (DOL) Claims Adjusters, Examiners, and Investigators (HSW)	Marine Service Franchise Owner Marine/Industrial Engineer
INDUSTRY CERTIFICATIONS			
<u>All certifications students have the opportunity to take while in this POS:</u> SKUSA009 – Skill Connect Assessment- 23 Mercury Marine Factory E-Skills Certification Tests			
CAREER AND TECHNICAL STUDENT ASSOCIATION			
SkillsUSA, Inc.			
INTERNSHIP/WORK EXPERIENCE RECOMMENDATIONS			
Work, intern, volunteer, shadow mechanics and service managers at a Marina or small engine repair shop or diesel engine repair shop. Refer to http://collierschools.com/careertech/internships.htm for district approved internship opportunities.			
*****	Reviewed May 1, 2016 and updated annually. See your Counselor for the most recent plan as student schedules will vary based on the needs of the student. Find detailed graduation requirements at: http://www.fldoe.org/academics/graduation-requirements		

Marine Service Technology (LWTC - Postsecondary) #T400210