


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

CTE Program: **Automotive Service Tech. (I470608)**
 Industry Certification: NIASE007,008,010,011,014

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	AP- Adv. Placement DE- Dual Enrollment	Other Requirements: Pass FCAT 2/PARC – Reading Level 3, pass Algebra I EOC, and 30% of EOC Exam for Biology, Algebra 2, 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 LWTC and are encouraged to take the ACT, SAT or PERT during 11th grade.					Program I470608 Automotive Service Technology (AYES) 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 I470608 Automotive Service Technology (1800 Hrs.) AER0014 Automobile Services Assistor (300), AER0360 Automotive Electrical/Electronic System Technician (300)		
							Summer Internship (Paid) – Off site - 320 hours (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 I470608 Automotive Service Technology AER0418 Automotive Brake System Technician (150), AER0453 Automobile Suspension and Steering Technician (150), AER0503 Automotive Engine Performance Technician (300)			
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 I470608 Automotive Service Tech I (1800 hrs), PSAV Certificate		<ul style="list-style-type: none"> - Small Business Management, AS,(24 hrs)-FSW - Automotive Service Management Technology (AS/AAS, (68 cr.) (statewide) - Dealer Specific Automotive Tech. (GM-ASEP) (AS/AAS, (74 cr.) FSC -Automotive Mgmt. Technology AS (-68 cr.) SCF 			<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
	LWTC <u>Automotive Service Technology (1800 hrs)</u> Dual Enrollment PSAV: I470608 OCP A – Auto Service Assistor OCP B – Auto Engine Repair Technician OCP C – Automatic Transmission and Transaxle Technician OCP D – Manual Drivetrain and Axle Technician OCP E – Auto Suspension & Steering Technician OCP F – Auto Brake System Technician OCP G – Electrical/Electronic System Technician OCP H - Auto Heating & AC Technician OCP I – Auto Engine Performance Technician	Statewide The following industry certifications articulate (3 cr.) each toward the Automotive Service Management Technology, AAS/AS (up to 19 cr.) A1 Auto/Light Truck Tech: Engine Repair A2 Auto/Light Truck Tech: Auto Transmission/Transaxle A3 Auto/Light Truck Tech: Manual Drive Train and Axles A4 Auto/Light Truck Tech: Steering and Suspension A5 Auto/Light Truck Tech: Brakes A6 Auto/Light Truck Tech: Electrical/Electronic Systems A7 Auto/Light Truck Tech: Heating and Air Conditioning A8 Auto/Light Truck Tech: Engine Performance FL Southwestern State College: PSAV I470608 1800 hrs. to AS Degree in Business Mgt. (9 cr.),or CCC in Small Business Management- FSW	Statewide Agreement -Regional AS Degree = (60 cr.) toward BAS degree (120 cr.) in Applied Science -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 (DOL) Automotive Service Technicians and Mechanics Automotive Specialty Technicians Motorcycle Mechanics Motorboat Mechanics	(DOL) First-Line Supervisor of Mechanics, Installers, and Repairers* (HSHW) Self-Enrichment Education Teachers (DOL) Vocational Education Teachers, Postsecondary - (HSHW) (DOL) Claims Adjusters, Examiners, and Investigators (HSHW)	Automotive Franchise Owner Automotive/Industrial Engineer
INDUSTRY CERTIFICATIONS			
All certifications offered to students in this POS: NIASE002 (AASE Master Automobile Technician, National Institute for Automotive Service Excellence NIASE005 (A2)ASE Automobile Technician: Automatic Transmission/Transaxle ,National Institute for Automotive Service Excellence NIASE007 (A5) ASE Automobile Technician: Brakes, National Institute for Automotive Service Excellence NIASE008 (A6) ASE Automobile Technician: Electrical/Electronic Systems, National Institute for Automotive Service Excellence NIASE009 (A8) ASE Automobile Technician: Engine Performance, National Institute for Automotive Service Excellence NIASE010 (A1) ASE Automobile Technician: Engine Repair, National Institute for Automotive Service Excellence NIASE011 (A7) ASE Automobile Technician: Heating and Air Conditioning, National Institute for Automotive Service Excellence NIASE012 (A3) ASE Automobile Technician: Manual Drive Train and Axles, National Institute for Automotive Service Excellence NIASE014 (A4) ASE Automobile Technician: Suspension and Steering, National Institute for Automotive Service Excellence			
CAREER AND TECHNICAL STUDENT ASSOCIATION			
SkillsUSA, Inc.			
INTERNSHIP/WORK EXPERIENCE RECOMMENDATIONS			
Work, intern, volunteer, shadow mechanics and service managers at an Automotive Repair Shop. Shadow an owner of an Automotive Business. 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		

Automotive Service Technology (LWTC - Postsecondary) #I470608