


Professional Academies Magnet at Loften High School, Academy of Automotive Technology

Career Cluster: Transportation, Distribution and Logistics

CTE Program: Automotive Maintenance and Light Repair

Career Cluster Pathway: Facility & Mobile Equipment Maintenance

Industry Certification: Automotive Maintenance and Light Repair Certification (G1)

	16 CORE CURRICULUM CREDITS*					8 ADDITIONAL CREDITS*	
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES <small>(ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)</small>

- Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org.
- 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.
- One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program

HIGH SCHOOL	9	1st Semester	English	Math	Elective	Automotive Maintenance and Light Repair 1	2nd Semester	Science	Intro to Information Technology	HOPE	Automotive Maintenance and Light Repair 2
	10		English	Math	Foreign Language	Automotive Maintenance and Light Repair 3		Science	World History	Foreign Language	Automotive Maintenance and Light Repair 4
	11		English	Math	Elective	Automotive Maintenance and Light Repair 5		Science	American History	Elective	Automotive Maintenance and Light Repair 6
	12		English	Math	American Govt/Economics	Transportation Distribution and Logistics Directed Study		Transportation, Distribution and Logistics OJT			

Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

POST SECONDARY	TECHNICAL CENTER PROGRAM(S)	COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	Bradford-Union Technical Center Automotive Service Technology PSAV	Santa Fe College Automotive Service Technology Certificate Automotive Service Management Technology AAS	University of Florida, Mechanical Engineering Electrical Engineering.

SAMPLE CAREER SPECIALTIES

CAREER	Automotive Service Technician, Mechanic, Transmission Mechanic, Brake Repairer, Automotive Service Writer, Parts Counter Person, Equipment Representative	Automotive Service Supervisor, Fleet Service Manager, Automotive Service Manager, NASCAR Crew Member	Industrial Engineer, Mechanical Engineer, Electrical Engineer

*Florida Department of Education Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements/index.shtml>

Career and Technical Student Association	Internship/Work Experience Recommendations
SkillsUSA	Selected students will be able to complete a work experience opportunity at Alachua County Public School's Transportation Department.

ARTICULATED COLLEGE CREDIT OPPORTUNITIES			
High School to College Credit or Degree			
CREDIT	Industry Certificate	Santa Fe College Courses	Credits
		ASE Automotive Maintenance and Light Repair (G1)	AER 1081C Automotive Fundamentals (in AAS program) Or AER 0010 Automotive Fundamentals (in Certificate program)
PSAV/PSV to AAS or AS to BS or BAS Statewide articulations: Up to 19 college credits towards Automotive Service Management Technology AS/AAS for PSAV Automotive Service Technology program participants who pass up to five ASE certification exams SF articulations: N/A			