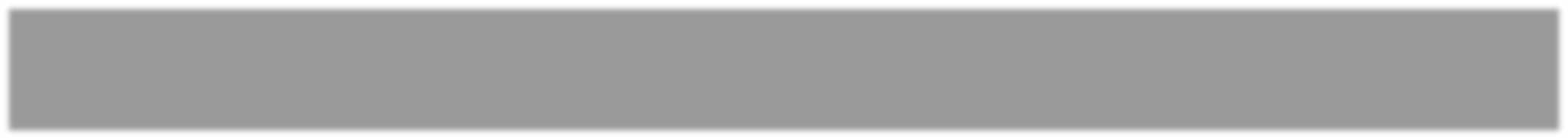
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Career Cluster: *Transportation, Distribution, and Logistics*** | | | | | **CTE Program: *Automotive Maintenance & Light Repair #9504100*** *(Secondary)* | | | | |
| **Career Cluster Pathway:** *Facility & Mobile Equip Maintenance* | | | | | **Industry Certification(s): *See Below*** | | | | |
|  | | **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**  (ALIGNED WITH COMMUNITY  COLLEGE & STATE  UNIVERSITY SYSTEM PROGRAMS) |
| **HIGH**    **SCHOOL** | * **Students are encouraged to use mycareershines.org to explore careers and postsecondary options.** * **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** | | | | | | | | |
| **9th** | English I | Algebra 1,  Algebra 1A, or Geometry | Biology I | | None | Personal Fitness |  | Performing Arts |
| **10th** | English II | Algebra 1, Algebra 2 or Geometry | Physical  Science or  Chemistry I | | World History | PE/ Band / JROTC | Automotive  Maintenance &  Light Repair 1 | Spanish 1 |
| **11th** | English III | Algebra 2,  Geometry, or  Math for  College  Algebra | Science Elective | | American History | PE / Band /  JROTC | Automotive  Maintenance &  Light Repair 2/3 | Spanish 2 |
| **12th** | English IV | Algebra 2,  Math for  College  Algebra, or  Pre-Calculus | Science Elective | | American  Government/  Economics | Fine Arts or Practical Arts | Automotive  Maintenance &  Light Repair 4/5 |  |
| **POSTSECONDARY** | **Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.** | | | | | | | | |
| **TECHNICAL CENTER PROGRAM(S)** | | **STATE COLLEGE PROGRAM(S)** | | | | | **UNIVERSITY PROGRAM(S)** | |
|  | | **Indian River State College**  **Automotive Service Technology 1 (PSAV)**  **Automotive Service Technology 2 (PSAV)**    **Automotive Service Technician (TC)**  **General Automotive Technician (TC)**    **Automotive Service Management Technology (AAS)** | | | | | **University of South Florida- B.S. in**  **Mechanical Engineering** | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CAREER** | | **Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)** | | |
| * **Automotive Service Technicians and Mechanics** * **General Automotive Repair** * **Automotive Parts and Accessories Store Associate** * **Tire Dealer** * **Local Government position** | * **Automotive Service Technicians and Mechanics** * **General Automotive Repair** * **Automotive Parts and Accessories Store Associate** * **Tire Dealer** * **Local Government position** | * **Dealership General Operations Manager** * **Automotive Service Technicians and Mechanics** * **General Automotive Repair** * **Automotive Parts and Accessories Store Associate** * **Tire Dealer** * **Local Government position** |
| **CREDIT** | |  | | |
| **Secondary to Technical Center (PSAV)**  (Minimum # of clock hours awarded) | **Secondary to College Credit Certificate or Degree**  (Minimum # of clock or credit hours awarded) | **PSAV/PSV to AAS or AS/BS/BAS**  (Statewide and other local agreements may be included here) |
|  | **Indian River State College**  This agreement awards one hundred and fifty (150) “Career Pathways” clock hours upon completion of secondary Automotive Maintenance & Light Repair 1,2 & 3 courses as follows:    **Automotive Service Technology 1 (PSAV)**  AER 0006 Automotive Services Assistor 1 150 hours  AER 0007 Automotive Services Assistor 2 150 hours    This agreement also awards up to three (3) “Career Pathways” credits upon completion of secondary Automotive Maintenance & Light Repair 1,2, 3 & 4 courses as follows:  **Automotive Service Management Technology (AAS)**  **Automotive Service Technician (TC)**  **General Automotive Technician (TC)**  AER 1081C Introduction to Automotive Technology 4 credits  AER 1694C Introduction to Automotive Electrical Systems 4 credits |  |
| **CERTIFICATIONS** | | **NIASE005 ASE Automatic Transmission/Transaxle**  **NIASE007 ASE Brakes**  **NIASE008 ASE Electrical/Electronic Systems**  **NIASE009 ASE Engine Performance**  **NIASE010 ASE Engine Repair**  **NIASE011 ASE Heating and Air Conditioning**  **NIASE012 ASE Manual Drive Train and Axles**  **NIASE076 ASE Auto Maint & Light Repair (articulates 3 credit hours toward the AAS degree in Automotive Service Mgmt Technology)** | | |
| **Career and Technical Student Association** | | | | |
| ***SkillsUSA*** | | | | |
| **Internship/Work Experience Recommendations** | | | | |
| **Local automobile dealerships** | | | | |
| **Gilbert** | **Family of Companies: Ford & Chevrolet Dealerships** | | | |



Program of Study Graduation Requirements:

[http://www.fldoe.org/academics/graduatio](http://www.fldoe.org/academics/graduation-requirements)

[n](http://www.fldoe.org/academics/graduation-requirements)

[-](http://www.fldoe.org/academics/graduation-requirements)

[requirement](http://www.fldoe.org/academics/graduation-requirements)

[s](http://www.fldoe.org/academics/graduation-requirements)