

Career Cluster: Transportation
 Career Cluster Pathway: Facility and Mobile Equip. Maintenance

CTE Program: **Auto. Collision & Refinishing I470603**
 Industry Certification: NIASE017,018,019,029,032

18 CORE CURRICULUM CREDITS

12 ADDITIONAL CREDITS

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| <i>Collier County Program of Study</i> | ENGLISH (4 credits) | MATH (4 credits) | SCIENCE (4 credits, 2 with lab) | SOCIAL STUDIES (4 credits) | CAREER EDUCATION PROGRAM COURSES | | RECOMMENDED ELECTIVES (State University Aligned) (One virtual course is required) |
| | AP- Adv. Placement DE- Dual Enrollment | AP- Adv. Placement DE- Dual Enrollment | AP- Adv. Placement DE- Dual Enrollment | AP- Adv. Placement DE- Dual Enrollment | <u>Other Requirements:</u> Pass FCAT 2/PARC – Reading Level 3, pass Algebra I EOC, and 30% of EOC Exam for Biology, Algebra 2, Geometry, US History | | |

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.

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| 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) (Art Requirement) | Semantics & Logic (.5) / Adv. Reading (.5) or Intensive Reading (1) | Spanish 2 or Higher Level Course (1) | |
| | <u>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.</u> | | | | | Program I470603 Automotive Collision Repair and Refinishing 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) | Automotive Collision Repair and Refinishing: I470603 ARR0210 (250 hrs), ARR0213 (250 hrs.)= A completion point (Summer classes may be offered) | | | |
| | 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) | Automotive Collision Repair and Refinishing: I470603 ARR0020 (100 hrs.) = B; ARR0313 (150 hrs) = C; ARR0127 (325 hrs.) = D; ARR0240 (325 hrs.) = E (may be offered after graduation) | | | |

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

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| POSTSECONDARY | TECHNICAL CENTER PROGRAM(S) | COMMUNITY COLLEGE PROGRAM(S) | UNIVERSITY PROGRAM(S) |
| | <u>LWTC</u> I470603 Automotive Collision Repair and Refinishing - (1400 hours) - PSAV Certificate | FL Southwestern State College - Small Business Management PSVC SBMN Certificate – (24 cr.) - Business Administration & Mgmt., AS , (62 cr.) South Florida Community College - Auto Col. & Refinishing, OC – (1650 hrs) - Business Management, CCC – (24 cr.) - Business Administration, AS – (24 cr.) | - Supervision & Management, BAS , (120 cr.) – FSW - Management & Organization, BAS , (120 cr.) – USF - Management, BS , (122 cr.) – Hodges University - Management, BS , (120 cr.) - FGCU |

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| ARTICULATIONS/ CREDIT | High School Students <u>Dual Enrolled</u> in PSAV Technical College Program | Technical Center or High School to Community or State College | State and Community Colleges to Universities |
| | PSAV I470603 <u>Automotive Collision Repair and Refinishing</u> - (1400 hrs) ARR0210 Paint and Body Helper (250 hrs) ARR0213 Paint and Body Asst. (250 hrs) OCP A ARR0020 Auto Collision Estimator (100 hrs) OCP B ARR0313 Frame & Body Repairman (150 hr) OCP C ARR0127 Automotive Refinishing ((325 hrs) OCP D ARR0240 Auto. Body Repairer (325 hrs) OCP E | <u>FL Southwestern State College:</u> PSAV Program I470603 1400 hrs. to AS Degree in Business Mgt. (9 cr.) or CCC Small Business Management | -Business Administration & Management, BS – (statewide) (64 cr.) -Regional AS Degree = (60 cr.) toward BAS degree (120 cr.) in Applied Science |
| 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 |
| | Automotive/Truck Mechanics and Body Repairers Rail Car Repairers Signal and Track Switch Repairers Rail Locomotive Mechanics and Repairers Electronic Equipment Installers and Repairers (Motor Vehicle) Automotive Body and Related Repairers Bicycle Repairers (DOL) Maintenance and Repair Workers,(Gen.) | Assistant Manager, Auto Body Shop Assistant Manager, Boat Repair Shop (DOL) First Line Supervisor of Mechanics, Installers, and Repairers (HSHW) (DOL) Vocational Ed. Teachers, Postsecondary (HSHW) | Manager/Owner, Auto Body Shop Manager/Owner Boat Repair Shop |
| INDUSTRY CERTIFICATIONS | | | |
| <u>All certifications students have the opportunity to take while in this POS:</u> | | | |
| NIASE017 – ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components (B5) | | | |
| NIASE018 - ASE Collision Repair and Refinishing Technician: Non-structural Analysis and Damage Repair (B3) | | | |
| NIASE019 – ASE Damage Analysis and Estimating (B6) | | | |
| NIASE029 - ASE Collision Repair and Refinishing Technician: Painting and Refinishing (B2) | | | |
| NIASE032 - ASE Collision Repair and R: Structural Analysis and Damage Repair (B4) | | | |
| CAREER AND TECHNICAL STUDENT ASSOCIATION | | | |
| SkillsUSA | | | |
| INTERNSHIP/WORK EXPERIENCE RECOMMENDATIONS | | | |
| Take art classes related to forms and paint, volunteer or work at local body shop, volunteer or work at local bicycle 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 | | |

Auto Collision, Repair and Refinishing (LWTC – Postsecondary) #I470603