

School: Santana High School								
Academy/Pathway: Transportation / Structural Repair								
Grossmont Union High School District								
L e v e l	G r a d e	English Language Arts	Math	Social Studies	Science	Career Technical Education	Other Required Courses or Recommended Electives	Additional Pathway Information
S e c o n d a r y	9	English 1, 2	Integrated Math I	Geography	Science Y1		P.E. Y1 WorldLanguage 1, 2 Visual and Performing Arts Y1	Occupations Requiring Less Than a Baccalaureate Degree • Automotive Collision Repair Technician • Automotive Refinish Technician • Industrial Paint Technician • Hot Rod/Custom Car Builder • Sheet Metal Fabricator • Custom Painter Recognized Certifications, Licenses, or Credentials Related to This Pathway • OSHA Recognized Safety Training by S/P2 • I-CAR Platinum Refinish Certificate • I-CAR Platinum Non-Structural Repair Certificate • OSHA-10 Community College Program Offerings: • Associates of Science (includes Gen. Ed.) in one of the following: ○ Automotive Technology (See Left) ○ ASCCA Degree ○ ASEP ○ Ford ASSET ○ Advanced Engine Performance & Emissions ○ Brakes & Front End ○ Engine Performance & Drive Train • Certificate of Achievement (Core courses only, no Gen. Ed.) in the above.
	10	English 3, 4	Integrated Math II	World History	Science Y2	Auto Body Repair & Refinishing 1, 2 T029 / T031	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	11	English 5, 6	Integrated Math III	U.S. History	Science Elective	Auto Body Repair & Refinishing 1, 2 T029 / T031 Auto Body Repair & Refinishing 3, 4 T032 / T033	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	12	English 7, 8	Math Elective	Am. Gov. / Econ.		Auto Body Repair & Refinishing 3, 4 T032 / T033	P.E. Y2 World Language 3, 4 World Language 5, 6 Visual and Performing Arts Y1	
Key		Minimum UC a-g Entrance Requirement	Required by GUHSD for Graduation	Recommended for College Admissions	CTE Concentrator Course	CTE Capstone Course	CTE Meets UC a-g Entrance Requirements Articulated Course	
The course sequence listed below is for illustration only. A student's actual course sequence may vary.								

P o s t - S e c o n d a r y	13	AUTO 99 <i>Introduction to Automotive Technology (Lecture)</i> OR AUTO 100 <i>Introduction to Automotive Technology (Lab)</i>	AUTO 120 <i>Engine Performance I - Mechanical and Ignition Systems</i>	AUTO 122 <i>Automotive Electrical Systems</i>	AUTO 123 <i>Engine Performance II - Fuel & Emission Systems</i>	AUTO 127 <i>Advanced Automotive Electrical Systems</i>	AUTO 130 <i>Automotive Brakes and Brake License</i>	WBL Plan 22-23: • Industry field trips to collision equipment manufacturer ProSpot, San Diego Automotive Museum, a collision repair center • Guest Speakers from Universal Technical Institute, collision shop owners, and mobile repair technicians • PBL Projects LMI Highlights for Pathway 22-23: • San Diego County collision repair centers are in desperate need of new employees for all positions • The collision repair industry in our region is projected to have 112 job openings each year until 2024. • Pay ranges \$30,000-\$200,000 per year based on skill level
	14	AUTO 180 <i>Automotive Service Advisor</i>	AUTO 182 <i>Automotive Work Experience</i>	Select two of the following: AUTO 124 <i>Engine Performance III - Drivability</i> AUTO 129 <i>Introduction to Hybrid, Electric and Alternative Fueled Vehicles</i> AUTO 140 <i>Four-Wheel Alignment</i> AUTO 152 <i>DriveTrain Systems</i> AUTO 160 <i>Air Conditioning and Heating</i>		Select one of the following: AUTO 135 <i>Advanced Brakes</i> AUTO 141 <i>Emission Control License Fundamentals Level I Inspector Training</i> AUTO 142 <i>Emission License Procedures Level II Inspector Training</i> AUTO 145 <i>Advanced Four-Wheel Alignment</i> AUTO 155 <i>Advanced Drivetrain Systems</i> AUTO 165 <i>Advanced Air Conditioning and Heating Systems</i> AUTO 170 <i>Engine Overhaul</i> AUTO 175 <i>Advanced Engine Overhaul</i>		