AUTO COLLISION TECHNOLOGY CAREER PATHWAY

Counter & Rental Clerks • Parts Salesperson • Metal Workers • Plastic Workers • Automotive Glass Installers & Repairers • Automotive Body & Related Repairers • Insurance Appraisers of Auto Damage • Cost Estimators

CAREER TECHNICAL COURSE NAME & SUBIFCT CODE

RECOMMENDED ACADEMICS

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11	Ground Transportation Maintenance*	
	Retinishing & Retinishing	
	Collision Fainting & Handler & Repair Collision Structural Inspection & Repair	
12	Collision Nonstructural Inspection & Repair	
	Transportation Capstone	

INDUSTRY CREDENTIAL OPPORTUNITIES

ICAR ProLevel I Refinishing Technician Certification -	- 12 Poi
ICAR Drolovel Non-Structural Technician Contin	
Low Six Sigma Yellow Belt - 3 Points	
Ling Signa Green Belt - O POINCS	
Leadership Excellence - Student - 3 Points	
Leadership Excellence - Student	
OSHA - 10-Hour Training* - 1 Point	
OSHA - 10-Hour Houring (College Credit - CTS001 - 1 Credit Hour)	
CPR / First Aid - I Point	
Ohio Driver's License - I Point	
Ohio Driver's Electrice	



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AND PLATINENT & INCOME -

BHCC ADULT EDUCATION

*May 2022 State Occupational Employment and Wage Estimates for Ohio

POSTSECONDARY

OPPORTUNITIES

*Indicates statewide articulated credit. Please reference course descriptions for semester hours and agreement number on the postsecondary articulated credits. Additional college credit may be available through bi-lateral agreements. Please see a school counselor for details on available bi-lateral agreements.

HOURS

•		Counter & Rental Clerks	\$35,800
		Parts Salesperson	\$36,120
	Met	al Workers & Plastic Workers	\$46,040
Αι	utomotiv	e Glass Installers & Repairers	\$47,180
A	Automoti	ve Body & Related Repairers	\$52,930
		Cost Estimators	\$72,240
	Insuranc	e Appraisers - Auto Damage	\$78.540



11th GRADE

COLLEGE CREDIT CTAG CTAUTOO5 2 CREDIT HOURS

State 177012

11th GRADE

GROUND TRANSPORTATION MAINTENANCE

In this first course, students will apply skills needed to inspect and perform general service on vehicles. Students will research applicable service information and technical service bulletins, and perform maintenance on vehicles. Students will inspect and service engine, drive train, suspension, steering, electrical and braking systems. Students will perform ignition maintenance including spark plug/glow plug and ignition wire and coil pack replacement. Additionally, students change fluids, filters and inspect vehicles for leaks and fluid condition.

COLLISION PAINTING & REFINISHING

Students will restore and refinish vehicle exterior body and paint finish. Students will inspect and identify substrate, type of finish, surface condition, and film thickness; develop and execute a plan for refinishing using a total product system. Students will inspect, clean, and determine condition of spray guns and related equipment. Additionally, students will observe safety precautions when using hazardous materials.



11th GRADE

E 177011

12th GRADE

177023

12th GRADE

COLLISION STRUCTURAL INSPECTION & REPAIR

Students will perform automotive collision repair of full and unibody frames and attach non-structural components. Students will apply the skills and knowledge needed to measure and diagnose structural damage, create a parts list, and determine labor costs. Students will remove and replace damaged structural components. Emphasis will be given to joining and cutting aluminum, steel and other metals. Students will maintain tools and facilities while complying with personal and environmental safety practices.

COLLISION NONSTRUCTURAL INSPECTION & REPAIR

Students will learn the skills and knowledge of automotive body panel repairs, replacements, and adjustments. Students will analyze, document and repair nonstructural collision damage. Students will remove corrosion protection, undercoating, sealer, and other protective coatings as necessary to perform repairs. Emphasis will be given to joining and cutting aluminum, steel and other metals. Students will maintain tools and facilities while complying with personal and environmental safety practices.

TRANSPORTATION CAPSTONE

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in Transportation program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.



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