

CHCA Intersession 2022

January 3-14, 2022

Course Name: Automotive Maintenance	
Instructor(s): Mr. Ciarniello and Mrs. Swedes	
Course Type: Local Day (Greater Cinti Area)	Service Hours: 15
Maximum enrollment: 15	Minimum enrollment: 4
Cost:	\$ 200

Overview: This course takes a practical approach to learning about cars and automotive maintenance. Students will perform maintenance on real cars and in the process, learn how their vehicles work, how to keep them on the road, and how to work on them safely.

- Course Goals:**
- Learn the basics of automotive maintenance like oil changes, fluids, tire rotations, etc.
 - Learn the function of all the major subsystems of their vehicle and common failure points
 - To perform deferred maintenance on the vehicle of a family (or families) in need to allow them to have reliable transportation
 - To inspire a passion for cars and demonstrate that a car is an asset that requires regular maintenance, not a disposable appliance.

Writing Component: Part Identification Test, reflection paper about transportation justice.

<p>Description: This course will take place in 3 locations: 1) At CHCA for in-classroom learning 2) At a CHCA staff member's barn/workshop (pending final approval) 3) At Wheels Ministry in Miamitown The learning cycle will be as follows: - Learn about a subsystem of the vehicle and/or a maintenance procedure. - Identify the key components of that subsystem on a variety of makes/models of vehicle - Perform maintenance task, ideally with each student working on their own vehicle. - Serve the community by repairing/maintaining vehicles in partnership with Wheels Ministry</p>

This course is well suited to: This course is designed to teach students who are starting at any level of vehicular or mechanical knowledge, with a focus on beginners. Students should be motivated to learn HOW their cars work and have a desire to spend more time under their car than in an auto shop waiting room!

Cost: \$ 200
Additional costs: Consumables for automotive maintenance like: Oil and filter, air filter, wiper blades, optional. ~\$100-150, vehicle dependent.

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Other Information:

Please note that students will be working with hand tools in and underneath vehicles DAILY. Students will be taught how to safely jack up a vehicle and place it on jack stands, but this will always carry some risk. Parents who are not comfortable with their student working underneath a vehicle on jack stands should not sign up their student for this course.

Students will be lying on the ground underneath vehicles and will likely get dirt and grease on their clothing. Students should select their clothing carefully.

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