

Hybrid and Electric Vehicle Program

Do you want a career that is on the cutting edge of technology? If so, the KCKCC-TEC Hybrid and Electric Vehicle program will offer you that opportunity. Upon successful completion of the program, you can apply the technical skill necessary to repair hybrid electric, electric, and fuel celled vehicles. The program of study will include high voltage safety, high voltage batteries, charging, inverter/converter operation, cooling systems, transmission, engines, and basic fuel cell technologies.

The Hybrid and Electric Vehicle program will immerse the student in the latest theory, demonstration, and hands on practice of this new technology. Students will use tools and diagnostic equipment from industry to understand, diagnose, and repair hybrid and electric vehicles in a professional atmosphere.

The actual "hands-on" training is very essential because it allows students to learn by gaining job experience combined with the related technical information. Applied training will include on-campus repairs to vehicles brought in by the public.

Employment Opportunities

As fuel prices fluctuate (usually to the high side) dramatically, the demand for vehicles that are fuel efficient also increases, and with two million hybrid vehicles already on the road, the employment opportunities for the Hybrid/Electrical Specialty Technician is increasing on a daily basis.

Electric vehicles, especially in the truck industry, are starting to take hold in the transportation industry. The demand is increasing at the car dealer, manufacturer, automotive repair shop, and for the individual who wants to be a self-employed technician.

Salary Information

The Bureau of Labor Statistics projects the annual average salary of Hybrid Specialty Technicians at \$31,200.

Education

The KCKCC-TEC Hybrid and Electric Vehicle program is a 40 credit hour program.

Financial Aid and Admissions

Financial aid and grants are available.
Please contact Scott Smith at ssmith@kckcc.edu (913) 627-4120.

Contact information

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