Automotive Tech-Med, Hvy Truck

**MTRK 190  Introduction to Compressed Natural Gas Vehicles**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

This course introduces students to the role, function, and application of compressed natural gas (CNG) as an alternative fuel for today's internal combustion engine. Propane, methanol, hydrogen, fuel cells, and electric vehicles are also discussed. Course prepares students to take the ASE F1 exam. 54 lecture hours.

22274  Castro, J.  W  06:30 PM-09:40 PM  TE 102  08/29-12/19

**MTRK 280  Heavy Duty Brake Systems**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

A course in hydraulic and air braking systems used in heavy duty vehicles and the transportation industry (trucking and busing). Included are theory and systems operation and diagnosis. The machine shop practice and precision tooling used for reconditioning drums, rotors, valves, compressors, master and slave cylinders and related components will be included as well as anti-lock braking systems. 36 lecture hours, 18 lab hours.

22275  Staff  F  08:30 AM-11:40 AM  TE 102  08/29-12/19