

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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## Automotive Tech-Med, Hvy Truck

### MTRK 190 Introduction to Compressed Natural Gas Vehicles **3 Units**

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 **2 Units**

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