

**AUTO MECHANICS TECHNOLOGY
(TECHNICAL AND INDUSTRIAL DIVISION)**

AUTMC-190 DIRECTED STUDY IN AUTO MECHANICS (1-6 cr.) Individually prescribed instruction and self-study TECHNOLOGY to meet specific training objectives. May be repeated. Credits earned may not directly apply to degree or certificate. Instructor registration release required.

AUTMC-209 AUTOMATIC TRANSMISSION REPAIR/DIAGNOSIS (6 cr.) In-depth study of theory, service, and repair of modern automatic transmission, and tools and instruments required. Automotive practices used in automatic transmission, and drive train diagnosis, repairs, and rebuilding. Pre-requisite: GENMC 102.

AUTMC-211 CO: AUTOMATIC TRANSMISSIONS REPAIR (1-6 cr.) Advanced on-the-job training in automatic transmissions. Student is a paid employee under employer's immediate supervision. Program coordinator works with employer to establish and maintain educational goals. Instructor registration release required.

AUTMC-212 AUTOMOTIVE TUNE-UP AND DRIVABILITY (6 cr.) Consists of theory of automotive engine performance. Students obtain in-depth knowledge of engines and related systems, control systems, and relationship to overall engine performance. Drivability diagnosing emphasized to develop orderly process of locating faults and analysis of various electronics systems. Live shop process where acquired skills from theory portion are practiced. Use of electronics testing tools and electronic service information to guide each job to a successful completion. Successful completion of all jobs verified by instructor. Pre-requisite: GENMC 102 or instructor permission.

AUTMC-214 CO: AUTOMOTIVE MECHANICS (1-6 cr.) Advanced on-the-job training with emphasis on automobile electronics. Program coordinator works with employer to establish and maintain training goals. Instructor registration release required.

AUTMC-218 AUTOMOTIVE AIR CONDITIONING/ACCESSORIES (6 cr.) In-depth study of automotive air conditioning systems, cruise controls, power seats, power windows and other convenience equipment. System repair of air conditioners and related systems of automobile included. Care and use of proper tools stressed. Other projects may be assigned to fit individual needs. Pre-requisite: GENMC 102.

AUTMC-220 CO: AUTOMOTIVE AIR CONDITIONING (1-6 cr.) On-the-job training in automotive accessories and electrical circuits. Student is employee of local business and under their immediate supervision. Program coordinator works with employer to establish and maintain training goals. Instructor registration release required.

AUTMC-224 DIRECTED STUDY IN AUTO MECHANICS (1-6 cr.) Individualized instruction and self-study to meet specific training objectives. Provides specialized training. Occupational objectives established with advisor at registration. Credits earned based on difficulty and scheduled clock hours. Minimum two hours per school week required for each credit. Final grade based on effort, project results, and project report. Instructor registration release required.

AUTMC-225 ADVANCED COMPUTERIZED FUEL SYSTEMS (6 cr.) Provides technical information necessary to diagnose and maintain computerized fuel systems. Consists of

theory, lecture, and demonstrations, and internship placement at local business to complete assigned competency list.

AUTMC-227 AUTOMOTIVE PARTS COUNTER PERSON (1-6 cr.) Obtain an understanding of parts management; store operation and personal duties; catalog use and the importance of the computer in the parts industry. Students will learn how to deal with customers one-on-one as well as the use of proper telephone etiquette, inventory control, and parts pricing. Students will be expected to process parts requisitions, control incoming inventory, and order parts using the computer and the telephone.