

DIESEL/AUTOMOTIVE TECHNOLOGY

COLLEGE COURSEWORK *

DSL 115 Diesel Preventive Maintenance (4 Credits)

This course develops each student's occupational competencies needed to recognize a fault on diesel engines and trailers and to route the repair. The instruction will include classroom demonstration and practical exercises related to the area of Diesel Preventive Maintenance.

DSL 105 Diesel Engine Repair (4 Credits)


This course develops each student's occupational competencies needed for operation and repair of diesel engines, including basic fuel systems, lubrication, air intake and controls. The instruction will include classroom demonstration and practical exercises related to the AUTOMATIVE SERVICE EXCELLENCE (ASE) area of Diesel Engine Repair.

COM 100 Human Communication (3 Credits)

This course provides an overview and introduction to the study of human communication, including interpersonal and small group communication and public speaking.

TEC 285 Occupational Seminar (1 Credit)

Instruction for this course includes career identification, self-assessment, resume development, preparation of cover letters, completion of applications for local jobs, learning the online employment application process, research of local companies, jobs available, and current salary ranges, job searching techniques and tools, interviewing skills, follow-up steps after the job interview, and on-the-job performance expectations. Special seminars and projects will be required



*Middle College has given me the skills and the confidence I needed to be successful in my career pathway. The internship made all the difference!--
Austin*

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AUM 110 Engine Repair (4 Credits)

This course develops each student's occupational competencies needed to perform engine diagnosis, diagnosis of basic fuel systems, ignition systems, and repair methods required of an entry level technician. The instruction will include classroom demonstrations, and practical exercises related to the *Automotive Service Excellence* (ASE) area of Engine Repair.

AUM 121 Engine Diagnosis and Repair (4 Credits)

This course develops each student's occupational competencies needed to perform engine diagnosis, diagnosis of basic fuel systems, ignition systems, and repair methods required of any level technician. The instruction will include classroom demonstration, and practical exercises related to the AUTOMOTIVE SERVICE EXCELLENCE (ASE) area of Engine Repair.

DSL/AUM 290 Cooperative Education/Internship (1-3 Credits)

This course provides students the opportunity for supervised work experience in their major field with practical application of the knowledge and skills attained. Students will also apply critical thinking, analytical reading, decision making, and valuing skills to issues across the automotive technology curriculum. An assessment will give students the opportunity to demonstrate their level of application and learning the auto collision program. An individualized instructional management plan will determine goals to be accomplished. Seminars may also be required.

CAC 120 Keys to College Success (3 Credits)

This course is designed to help students create greater success in college and in life. Students will learn strategies to set and achieve their academic, professional, and personal goals. With a focus on the empowerment of wise choices, students will explore possible barriers to success and experience greater self-awareness, self-management, creative and critical thinking skills, emotional intelligence, and lifelong learning skills.

***This plan is subject to change.**