

JAMES M. REIMER

Phone: (806) 716-2295
mreimer@southplainscollege.edu

EDUCATION

AAS South Plains College, Automotive Technology, GPA 3.62 June 2009

HONORS AND AWARDS

Person Faculty Advisory Network Founding Member	2010
Pearson Faculty Advocate MyAutomotiveLab	2010
Outstanding Student in Automotive Technology South Plains College	1996

TEACHING EXPERIENCE

South Plains College, Levelland, Tx January 2009 to Present
Assistant Professor, Automotive Technology, April 2021
Instructor, Automotive Technology, January 2009 to April 2021

- AUMT 1201: Introduction and Theory of Automotive Technology, Fall 2018-2021
- AUMT 1301: Introduction and Theory of Automotive Technology, Spring 2010-2014, Fall 2014
- AUMT 1306: Introduction and Theory of Automotive Technology, Spring 2014-2015
- AUMT 2302: Automotive Compression Ignition Engines and Fuel Systems, Spring 2019-2021
- AUMT 2313: Automotive Drive Trains and Axles, Fall 2018-2020
- AUMT 2317: Automotive Engine Performance Analysis I, Fall 2018-2020
- AUMT 2325: Automotive Automatic Transmission and Transaxle, Spring 2016-2021
- AUMT 2328: Automotive Service, Spring 2009-2021
- AUMT 2334: Automotive Engine Performance Analysis II, Spring 2019-2021
- AUMT 2413: Automotive Drive Trains and Axles, Fall 2009-2017
- AUMT 2417: Automotive Engine Performance Analysis I, Fall 2009- 2017
- AUMT 2421: Automotive Electrical Diagnosis and Repair, Fall 2009-2020
- AUMT 2425: Automotive Automatic Transmission and Transaxle, Spring 2009-2015
- AUMT 2434: Automotive Engine Performance Analysis II, Spring 2009-2018

PUBLICATIONS

Reviews

1. Halderman, James: **Automotive Heating and Air Conditioning, 7th edition**, March 2013
2. **Automotive Basics, Inspection, or Light Repair** “Tire Inspection and Maintenance”, May 2013

INDUSTRY CERTIFICATIONS

ASE Master Automotive Technician, 1996 to Present

- A1 Engine Repair
- A2 Automatic Transmission/Transaxle
- A3 Manual Drivetrain and Axles
- A4 Suspension and Steering
- A5 Brakes
- A6 Electrical/Electronic Systems
- A7 Heating & Air Conditioning
- A8 Engine Performance
- A9 Light Vehicle Diesel Engines, 2016 to Present

ASE Advanced Level Specialist, 2011 to Present

- L1 Automobile Advanced Engine Performance

ASE Maintenance and Light Repair Technician, 2013 to Present

- G1 Auto Maintenance and Light Repair

PROFESSIONAL TRAINING

Napa- Hybrid and Electric Vehicle EV Update, ASE, August 2021
Webinar

Critical Skills Needed for Electrical Diagnosis, ASE, June 2021
Webinar

Subaru AVCS- Active Valve Control System, ASE June 2021
Webinar

Ford Engine Performance Mechanical, Fuel & Emissions, ATG, May 2021
Webinar

Evolution of the Passenger Vehicle Engine Oil, ASE, May 2021
Webinar

Documenting the Repair Process- How to Do it Right, ASE, May 2021
Webinar

Ford Misfiring & Breathing Faults, ATG, May 2021
Webinar

Vision Expo, Vision, March 2021
Virtual Conference

Diagnosing Cooling Systems and the Science of Today's Belt Drive Systems, ASE, April 2021
Webinar

Why Diesel Aftertreatment, ASE, March 2021
Webinar

Basic Transmission Hydraulics, ASE, January 2021
Webinar

Hybrid Electric Vehicle, ASE, May 2020
Webinar

GDI Drivability, Vision Expo, March 2020
Conference, Kansas City, KS

Turbo Operation & Diagnosis, Vision Expo, March 2020
Conference, Kansas City, KS

Common Rail Diesel, Vision Expo, March 2020
Conference, Kansas City, KS

Analyzing What the Ignition Waveform is Telling Us, Vision Expo, March 2020
Conference, Kansas City, KS

6.7 Powerstroke Diesel Problems and Solutions, Vision Expo, March 2020
Conference, Kansas City, KS

Light Duty Diesel, Vision Expo, March 2020
Conference, Kansas City, KS

Electronic Transmission Diagnosis, Vision Expo, March 2020
Conference, Kansas City, KS

Electronic Transmission Diagnosis, ATG, November 2017
Lubbock, Tx

GM Duramax Diesel Update, NAPA Autotech, October 2017
Lubbock, Tx

General Motors Duramax LML & LGH Diesel, ATG, July 2017
Lubbock, Tx

Cummins Common Rail Diesel Engine, ATG, January 2017
Lubbock, Tx

Powerstroke Engine Performance, ATG, March 2016
Lubbock, Tx

Advance Circuit & Electrical Diagnosis, ATG, July 2015
Lubbock, Tx

Stability and Vehicle Dynamics, NAPA Autotech, March 2012
Lubbock, Tx

Electricity/Electronics, ATECH Training, June 2011
Grand Prairie, Tx

Engine Performance & OBD II Diagnostics Updates, ATECH Training, June 2011
Grand Prairie, Tx

WORK HISTORY

Mike's Automotive Service, 2014-Present
Owner Technician
Automotive & Medium Duty Repair
Custom fabrication

Flatland Diesel & Performance, 2011 – 2013
Service Writer & Technician
Automotive & Medium Duty Repair

Mike's Automotive Service, 2006 – 2009
Owner Technician
Automotive & Medium Duty Repair
Custom fabrication

Mansfield Independent School District, 2005-2006
School Bus Technician

Fisher Regulator, 2005
Mechanical Technician Intern
New Product Testing and Development on Natural Gas Pressure Regulators

Rick's Service Center, 1993-2005

Diesel Technician

Medium/Heavy Duty Diesel & Automotive Repair

RELEVANT COURSEWORK

Engineering Graphics

Thermodynamics

Engineering Economics

Computer Aided Analysis