

**NORTH FORK RANCHERIA AUTOMOTIVE TRAINING PROGRAM
MAINTENANCE AND LIGHT REPAIR (MLR) TRAINING**

1st HALF

TOPIC

SUPPLEMENTAL TASKS

Shop And Personal Safety
Tools And Equipment
Preparing Vehicle For Service
Preparing Vehicle For Customer
Vehicle Maintenance

SUSPENSION AND STEERING

- A. General
- B. Related Suspension and Steering Service (1-8)
- B. Related Suspension and Steering Service (9-23)
- C. Wheel Alignment
- D. Wheels and Tires

BRAKES

- A. General
- B. Hydraulic System
- C. Drum Brakes
- D. Disc Brakes
- E. Power Assist Units
- F. Related Systems (i.e. Wheel Bearings, Park Brakes, Electrical)
- G. Electronic Brake, Traction Control, and Stability Control Systems

MANUAL DRIVE TRAIN AND AXLES

- A. General
- B. Clutch
- C. Transmission/Transaxle
- D. Drive Shaft, Half Shafts, Universal Joints and Constant-Velocity (CV) Joints (Front, Rear, All, and Four-wheel drive)
- E. Differential Case

HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)

- A. General
- B. Refrigeration System Components
- C. Heating, Ventilation, and Engine Cooling Systems
- D. Operating Systems And Related Controls

Student ASE Test Steering & Suspension A4

Student ASE Test Brakes A5

Student ASE Test Manual Drive Train A3

Student ASE Test Heating and Air Conditioning A7

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2nd HALF

TOPIC

A1 ENGINE REPAIR

- A. General
- B. Cylinder Head and Valve Train
- C. Lubrication and Cooling Systems

A6 ELECTRICAL/ELECTRONIC SYSTEMS

- A. General
- B. Battery Service
- C. Starting System
- D. Charging Systems
- E. Lighter, Instrument Cluster, Driver Information and body electrical systems

A2 AUTOMATIC TRANSMISSIONS AND TRANSAXLES

- A. General
- B. In-Vehicle Transmission and Transaxle
- C. Off-Vehicle Transmission and Transaxle

A8 ENGINE PERFORMANCE

- A. General
- B. Computerized Controls
- C. Fuel, Air Induction, and Exhaust Systems
- D. Emissions Control Systems

SUPPLEMENTAL TASKS

Personal Standards
Work Habits/Ethics

Student ASE Test Engine Repair A1
Student ASE Test Electrical/Electronic Systems A6
Student ASE Test Automatic Transmissions and Transaxles A2
Student ASE Test Engine Performance A8