

DESIGNATED FIELD MECHANIC PROGRAM

COURSE LENGTH: 5 DAYS

OPTIMAL / MAXIMUM NUMBER OF STUDENTS: 6/18

PREREQUISITE: NONE

LOCATION: THIS COURSE IS CONDUCTED IN CLASSROOM AND GARAGE FACILITIES AT BCDS ANVIL ROCK TRAINING CENTER – IN LEWISBURG, WV. OR, TRAINING CAN BE EXPORTED TO CUSTOMER LOCATION.

COURSE ITEMS INCLUDED:

- BCDS TRAINING VEHICLE AND INSTRUCTOR
- 4:1 – STUDENT TO INSTRUCTOR RATIO
- TEXTBOOK & REFERENCE MATERIALS
- CLASSROOM INSTRUCTION
- FIELD INSTRUCTION

COURSE OVERVIEW

This course is designed specifically for the designated field mechanics for teams who will be operating Toyota, Nissan, and other similar 4wd vehicles, and/or military vehicles ranging from LT-ATV to MATV. In depth, hands-on mechanical training is conducted in field conditions. Students will gain a thorough, detailed understanding of all vehicle systems with emphasis on commonly encountered field failures, repair techniques, and operational preventive maintenance requirements.

COURSE SYLLABUS ~ SUMMARY

- Operations, Diagnosis, and Field Expedient Repair of:
 - Gasoline and Diesel Engines
 - Braking System
 - Powertrain
 - Cooling System
 - Suspension
 - Steering
- Field Level Preventive Maintenance
- Spare Parts, Tools and Consumables planning.



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