



NATC 101

DRIVER TRAINING

Course Objective

Upon successful completion of this course, the student should be able to understand the capabilities of his or her vehicle, identify obstacles, utilize appropriate techniques and technologies in order to bring the vehicle and driver home in a tactical situation.



Typical Two-Day Course Agenda

- ◆ Company Background and Organization
- ◆ NATC Profiling
- ◆ Accelerated Life Cycle Testing
- ◆ Ride and Drive Demonstration
- ◆ Vehicle Walk-Around
- ◆ Shock and Vibration Events
- ◆ Mobility Events
- ◆ Severe Use Testing Events
- ◆ Wet and Dry Braking
- ◆ Tire Pressure Effects
- ◆ Severe Use Testing
- ◆ Demonstration of Sand Mobility



- ◆ Vehicle Handling and Control Techniques
- ◆ Soft Soil Grade Climbing
- ◆ Mud Mobility Demonstration
- ◆ Discussion of Engine and Transmission Cooling
- ◆ Cornering
- ◆ Low Coefficient Surfaces
- ◆ "Leave-No-Tracks" Philosophy
- ◆ Wrap-up Discussion

Classroom Instruction

NATC staff members provide not just the “whats” and “hows”, but also the “whys” and “whens” of vehicle operation. Students learn fundamentals of vehicle dynamics and system interactions, then progress to the cause-and-effect relationships between various types of situations and loss of vehicle control. The programs cover issues such as catastrophic tire failures, mechanical failures, and inclement weather. Instructors explain a variety of real-world situations and offer proven techniques for anticipating and avoiding life-threatening accidents that could result.

Hands-on Training

After completion of classroom instruction, students go on and off the road to apply the techniques they have learned. The NATC instructor acts as coach while students experience tire blowouts and other hazards and conditions in a controlled setting. Upon completion of training, a driver will have the knowledge to cope with similar situations that occur in real life. The accident avoidance techniques developed and taught by NATC have become industry standards. NATC’s teaching of the “Leave-No-Tracks” philosophy ensures not only driver safety, but preservation of off-road environments.

Types of Courses

NATC driver education training can be structured to suit a wide variety of vehicle operating scenarios from hazardous chemicals transport to simply driving the kids to school. NATC training is appropriate for drivers of private passenger cars, military vehicles, tractor-trailer rigs, commercial and school buses, fire trucks, ambulances and public utility service vehicles, as well as for heavy equipment operators. Courses can be structured for varying skill levels and for specific driving situations such as snow plow operations or driving in soft soil and sand. NATC also offers an advanced threat avoidance driving course intended primarily for corporate, government, or diplomatic chauffeurs.



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