

**4x4
Center**

making your 4x4 go further

Winter Terrain & Off Road Driving Course, 3, 4 & 5 day classes available.

Winter Season December-March

(Summer Season May-October)

■ Are you prepared to traverse rugged terrain in winter conditions to reach your objective?

■ Do you know that a few pieces of equipment & preparation can save hours & hours of being stuck & broken?

Winter weather is unpredictable & either no snow or too much snow can dramatically affect the success of the training program. Temperature changes can also affect the traction snow provides as vehicles travel over it. The 4x4 Center does all its own snow preparation with a fleet of machines including a snow cat. The ability to change the depth & consistency of snow for different training purposes is very important for a productive event.

4x4 Center Contact

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Winter Course Composition

The winter courses provide the opportunity to experience a wide range of winter surfaces. The low traction environment of winter is an excellent opportunity to learn & practice precise vehicle control. During a course the following skills will be understood & developed:

- Drive train, suspension types & their operation.
- Recovery systems & procedures; including winch operation.
- Off-road Driving techniques; maneuvering vehicles in snow, ice, ditches, over obstacles, inclines & declines.
- Terrain analysis, including identification of snow types.
- Equipment choice, including tire choice, chains & studs.
- Tire technology & choice.
- Time saving techniques.
- Operation of right hand drive & left hand drive vehicles.
- Left foot braking techniques.

These skills will create confidence when driving & a library of techniques to use when the situation deteriorates. Importantly the skills will be applicable to a wide variety of vehicles & equipment.

Advanced & Alternative Recovery:

- Alternative recovery gear & training.
- Roll over righting.
- Tow point locating & improvisation.
- Dissimilar sized vehicle recovery.
- Fast relay assistance.

Ice Track with SUVs & Trucks:

- Ice & Snow Braking.
- Ice & Snow Slalom.
- Ice & Snow Emergency Maneuvers.
- Tire comparison on Ice & Snow.

Mechanical:

- Cold weather vehicle preparation.
- Vehicle pre/post operation checks.
- Hands on repair of commonly broken components in the drive train.
- Expedited field vehicle maintenance & repair.
- Basic electrical repair & proactive problem avoidance.
- Recognizing compromised parts.
- Suggested maintenance programs.
- Suggested tools & parts.
- Note book of basic drive train schematics.
- Discussion of accessories to improve vehicle capability & ruggedness.



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