

Our Teen Advanced Driver Curriculum

Theory

Driving Basics

- Driving Position & Attitude
- Use of Controls and Mirrors
- The Importance of Vision
- The Traction Circle
- Car Dynamics

Cornering

- Corner Geometry – Turn In, Apex, etc.
- The Six Zones of a Corner
- Impact of Road Conditions
- Understeer & Oversteer
- Impact of Vehicle Drive System—FWD, AWD, & RWD
- Importance of Being Smooth

Braking

- Emergency Braking
- Braking distance vs. speed / surface conditions
- Using ABS to Maximum Benefit

Driving on the Road

- Courtesies
- Following Distance
- The Right Lane
- Distractions
- Proactive Driving vs. Reactive Driving
- Merging Techniques
- Off Road Excursions
- Dealing With Different Driving Conditions

Driving Exercises

- Braking, both dry and wet
- Slalom – Weight Transfer
- Accident Avoidance – Quick Left or Right Lane Change
- Cornering – Left and Right
- Forced Oversteer on wet skid pad
- Forced Understeer on wet skid pad
- Quick Lane Change and Emergency Braking on wet skid pad
- Forced Off Road Excursion
- Final Test – combination of exercises above



Audi
Club North America
Glacier Lakes



Let us help your teen
be a better



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About Audi Club Glacier Lakes
The Glacier Lakes Chapter is the Minnesota and North Dakota chapter of the Audi Club of North America. Glacier Lakes sponsors social events, driver safety schools and performance driving events for car enthusiasts. To learn about membership and upcoming events, go to www.audiclubglacierlakes.org.

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Teen Driving Clinic



Let us help your teen
be a better
& safer driver!





Teen Driving Clinic

The Teen Driving Clinic, presented by the Audi Club Glacier Lakes, is the perfect place for the teen driver to have fun and improve driving skills at the same time. The driving clinics, held on the premises of Dakota County Technical College, are designed to help teens improve their ability to control a vehicle in both normal and emergency situations.

For over a decade, ACGL has taught hundreds of teens to become better, safer drivers. Our one day program consists of three classroom sessions and nine behind the wheel driving exercises with a personal, dedicated instructor. Our volunteers are highly trained driving instructors who teach teen drivers how to handle a car in various driving conditions and situations, and provide encouragement and praise along the way.



A young driver learns how to keep his car under control when it starts to slide on a road. The skid pad is one of several exercises that teen drivers experience during the day-long clinic.

The exercises are both fun and tough. For example, imagine the challenge of blasting down the course and then braking hard enough, and at the right time, to stop in a space no larger than the average garage. Or, imagine driving through the slalom course, weaving through cones feeling the car swaying as the weight shifts side to side.

Perhaps the most challenging and the most fun is the accident avoidance exercise where the driver has to do what is *totally the opposite* of what they might expect — stop in front of a green light — but not before changing lanes and braking. The instructors running this exercise can be truly diabolical in their efforts to trick your teen into stopping in the wrong lane. It is debatable about who has the most fun, the instructors or the drivers. Either way, the outcome is a powerful lesson in how to react to the unexpected.



A teen driver crushes a cone in the infamous Accident Avoidance Exercise.

Commercial driving schools teach the rules of the road and get a student used to driving a car. Once teens get the basics from the commercial schools, they need to attend our Teen Driving Clinic to experience the nuances of keeping a car under control, even when the unexpected happens.

Participants must be between 15 and 19 years of age and present a valid driver's license or permit. A parent must accompany drivers under 18. Teen students are not required to be members of ACNA for this event. Drivers must wear an approved helmet at all times while on the course, which will be provided.

Participants must provide their own vehicle. Vehicles must be in good running order, pass a technical inspection including tires, brakes, fluids, lights, and other essentials, and have state-mandated insurance coverage limits in effect. Car must be empty of all loose objects in trunk, glove and passenger compartments.

All street legal vehicles are permitted at these car control clinics; however, the event master has discretion to disallow any vehicles deemed unsafe from participating.

The cost is \$149 per student for this one day course.

Clinics begin promptly at 8:00 a.m. and conclude by 4:30 p.m. Breakfast, lunch and beverages are provided for all attendees including parents of students. Clinics are held at Dakota County Technical College (DCTC) in Rosemount, MN.

Schedule and Registration

To view our upcoming Teen Driving Clinic dates, please see our Events Schedule at www.audiclubglacierlakes.org.

Each posted event includes a link to the registration site, www.Motorsportreg.com. You will need to create an account on this site if you don't already have one. Please create the account under the student's name, or add them to the account by clicking "add another person" on the My Account page.



A Driver and his instructor negotiate the wet slalom exercise.