

## **CAR CLUB GROUP DRIVER TRAINING EVENT OPTIONS**

CAT Driver Training is run by Colin and Jo Hoad. Colin used to work for a leading motor manufacturer in the UK as a Vehicle Evaluator and Driver Trainer and has gained extensive experience and qualifications in driver instruction. This includes being certificated to instruct at Millbrook. His life has been spent working with his passion: motor cars - from racing minis to the race preparation of performance cars. He has much experience of vehicles on both road and track and brings a very different approach to driver enjoyment.

Unrivalled in course content and personalisation, CAT has redefined the driver training and coaching experience. Intelligently designed, our courses deliver maximum enjoyment and safety.

Individuals learn in different styles – some of us are visual, others by hearing, do you prefer reading or are you kinaesthetic? As expert coaches we adapt our style to meet your preferred learning.

Understanding your performance cars engineered DNA is key to your driving enjoyment and safety. The CAT dynamic experts coach you to discover this knowledge and understanding.

Being the best, the CAT Instructor team hold the highest qualifications the DVSA award, as well as Accredited Coaching Driver Development skills – which includes the psychological aspects of driving. Combined with our engineering expertise, this gives CAT our unique approach to developing your car control.

The UK's foremost provider of engineering development courses, CAT delivers the best driver coaching and training your money can buy. With an Excellent rating and score of 9.9 from Trustpilot reviews, our exceptional professional training is enjoyed for road, track, race competition and motor industry development.

Our customers tell their own stories, reflecting our passion, commitment and relentless dedication to your learning. We are confident you will too.

### **Performance Driver 'Track' Day**

An action-packed day run by CAT Driver Training Ltd at Millbrook Proving Ground.

The day is a fast moving experience for 6 owners and their cars to introduce the secrets of performance driving. It is designed to be informative, exciting and fun. The group size is purposefully kept small so that the maximum can be obtained from the day in a highly personalised environment.

There is access to the 5 unique circuits at the renowned Millbrook Proving Ground, a venue that is not normally accessible for 'track days' and the general public.

Activities designed for the different circuits are:

- Learn threshold braking from high speed on the Mile Straight
- High speed driving, potentially to the maximum of your car, on the banked circuit of the High Speed Circuit
- Drive the demanding Alpine Route circuit with its hills, and variety of corners from hairpins to long and sweeping
- Take on the tight, twisty and challenging Handling Circuit
- Put your car through its paces on the open spaces of the Steering Pad/Mile Straight Apron

An instructor will accompany you on all the circuits, and the objective is to teach you how to get the best from your car and develop your performance driving skills in a controlled environment and at a pace you are comfortable with.

Short presentations in vehicle dynamics will help you to understand the relationship between driver input and vehicle balance and control. From this comes the appreciation of how to safely drive your vehicle at grip limit within the controlled confines of a track environment.

At the end of the day, your new found skills can be put to the test in a timed shoot out around a gymkhana-style course laid out on the Steering Pad/Mile Straight Apron.

Included in the day are:

- Professional in car tuition
- Access to 5 unique circuits at Millbrook Proving Ground
- Lunch and refreshments during the day
- Timed end of day shoot out
- Full emergency services on hand all day
- 1 hour 40 minutes driving time with your personal instructor

Pricing is as follows:

3 participating members = £475 pp

4 participating members = £460 pp

6 participating members = £430 pp

#### Performance Driver 'Track' Day Schedule

08:30-09:15 Coffee, Introduction, Licence Check, Scrutineering, Safety Briefing & Objectives of the Day

09:30-09:35 Drive to Circuits

09:30-11:00 Mile Straight

11:00-11:50 High Speed Circuit

11:50-13:15 Handling Circuit

13:15-14:00 Lunch

14:00-15:00 Alpine Route

15:00-15:45 Understeer/Oversteer

15:45-16:45 Gymkhana timed Shoot Out on the Steering Pad/Dynamics Pad

16:55 Presentation & Debrief

Any Questions

End

Timings & Circuit order may be subject to change on the day depending on circuit activity

Note on noise limits ... to quote me "there is no limit unless you are a Le Mans Prototype or an F1 car". If anyone thinks they can compete at that level on noise, be sure to mention it when booking!

#### **Cornering Masterclass**

Enjoyed the Performance Driver 'Track' Day and would like to progress to the next stage advancing your skills further? Or perhaps you're not getting the most from your track days, and would like to hone your performance driving skills in a safe and challenging environment?

Our Cornering Masterclass held over one day at the world renowned Millbrook Proving Ground, provides you with the opportunity to unlock the secrets of fast safe consistent grip limit lap times. The group size is for a maximum of 6 owners.

Through presentations and demonstrations in our cars, and nurtured training sessions in your car our instructors will guide you through a structured, fun and exciting training experience, dissecting the

cornering process to a professional level. Polarised training designed to galvanise the relationship between minimised driver input and vehicle stability, with presentations in advanced vehicle dynamics and motor industry exercises designed to challenge both you and your car.

A full day experience for you and your car:

- Professional in car tuition
- Access to your favourite circuits
- Professional motor industry training exercises
- Lunch and refreshments throughout the day
- Full emergency services on hand all day
- Exclusive facilities
- 1 hours 40 mins driving time with your personal instructor

Pricing is as follows:

3 participating members = £490 pp

4 participating members = £475 pp

6 participating members = £445 pp

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### **Group Optimisation – Advanced Circuit Cornering Techniques**

You honed your core skills on the Performance Driver 'Track' Day, and learned to be consistent and at one with your car on the Cornering Masterclass. Now it's time to get to grips with the tarmac you drive on. The Group Optimisation full day course takes you into the world of professional race driving cornering lines and driving techniques. Helping you to achieve comfort at grip limit and optimised cornering speed and stability, with an inner confidence born from explicit targeted knowledge and learning.

*"You will be learning cornering lines and techniques set aside for experienced racers and professional evaluators and engineers. On this course you tap into the secret knowledge of performance driving that only CAT clients have the opportunity to explore - Colin Hoad"*

Your development through the day includes:

- Galvanising previous learning
- Optimising cornering speed and safety
- Optimised tyre grip in all driving scenarios
- Finessing of brake and throttle modulation
- The ability to read the road/circuit with confidence for speed and safety
- "Exceptionally" late trail braking for lap time reduction
- Corner triangulation for speed and lap time reduction
- CAT specific advanced driver development exercises

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### **Group Drifting & Over Grip Limit Handling Course**

Learn the secrets of over limit handling using your car and our Caterham 7.

A 5.5 hour experience for 4 owners covering the building blocks of vehicle control at grip limit.

A fast moving sideways experience. Designed to build on the skills learnt on the Performance and Cornering Masterclass club days or as an introduction to the techniques of over grip limit driving for the novice, our instructors will tailor the training to your level of experience.

Understand and practice the building blocks of over grip limit driving. It is not just nailing the accelerator and relying on instinct. A drift is the culmination of many core skills polarized into one extreme exercise. All explained and demonstrated by your instructor and practiced by you.

Enjoy the challenge of our very sideways Caterham, and experience the dynamic characteristics and capability of your own car as it realises its true potential at grip limit. Invaluable information for those owners wanting to maximise its potential and enjoyment of their car on track.

Your training session will include presentations on:

- Understeer
- Oversteer
- Lift Off Oversteer
- Roll Oversteer
- Weight Transfer at Turn In
- Tyre Grip Trade Off
- Identifying Grip Limit
- Breaking Traction

Your training will include an experience of a wetted as well as a dry surface on the Dynamics or Steering Pad at the Millbrook Proving Ground.

There will also be a bottle of Champagne for the best Drifting God on the day.

Members Price £465 per person

Please note:

Caterham 7 Specific: Minimum/maximum height 5 ft 0/6 ft 4 Maximum weight of 18 stone