Alan O'Neill, C.Eng., MSc, B.Eng (Hons)

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Profile

Passionate about Cars and Motor Racing; including building race cars and competing at various levels, and well as driver coaching and instructing.

Areas of Effectiveness

- Race Driver Coaching

- Supercar Instructing
- Motorsport Engineering
- Manufacturer Training and Demonstrations
- Developing Training Programmes
- Myers Brigs Type: ENTJ

- High Performance Driver Instructing
- Driver Training
- Vehicle Dynamics
- Lecturing & Training
- Facilitation
- Belbin: Shaper, Resource Identifier

Education & Licences

- ARDS 'Grade A' Qualified Instructor
- National Race Licence Holder
- DTLLS Diploma in Teaching in the Lifelong Learning Sector (Certificate in Education)
- Master of Science (MSc) Degree in Automotive Engineering
- B. Eng. (Hons) Engineering: Manufacturing Studies
- HNC & ONC Motor Vehicle Engineering (Award for highest marks on HNC 1987)
- 4 Year MOD Engineering/Vehicle Apprenticeship

Racing and Driving Experience

- 2019 116 Trophy in the 2019 inaugural season.
- 2018 Lapped the Nurgburgring in Audi A4 Estate, 2.0 litre turbo diesel 4 Up.
- 2014 Pre–2005 Saloon Car Championship (Toyota Corolla). 2nd in Class at Rockingham.
- 2011 2013 Compact Cup.
- 2008 TONIQ Providing high speed demonstration laps in Toniq-R at Brands Hatch (Indy Circuit) Kit Car Live event.
- 2002 Competed in Fun Cup Series, including the 25hr Race at Spa Francorchamps (5 driver team) I did 6hrs in the car, Finished 32nd overall out of 120+ starters, and 3rd British Team.
- 2002 Blindfolded Land Speed Record. Made attempt on the record and held accompanied record for approximately 20 minutes achieving 184mph (blindfolded) in an AMG 63 Black. As part of the training, I got to drive an F1 Arrows FA15 which was to be used for the unaccompanied attempt.
- 2002 BBC Panic Mechanics. Built a dragster out of a Robin Rialto 3-Wheeler; as part of the challenge we had to do a run off against our competitors. We went down the ¼ mile quicker than a Ferrari 308 and only ½ second slower than an Escort Cosworth.
- 2000 Test driving for Luego. Sprinted car and won event in the Velocity (2 ltr Toyota). 2nd Fastest in the Velocity XT (3.5ltr Rover V8 powered car).
- 1996 Test driving for Rover Group. Caterham started to use the Rover K-Series and Special Projects did the integration of the K-Series engine. Road and track tested various installations, including the 1st 6-speed gearbox and provided technical feedback.
- 1987 Bought a 100cc National Kart and completely stripped, restored, and prepared it for racing in local club championship at Chasewater and raced for the whole season. Achieved 2nd place in 1st Novice race. 2 top 5 finishes and 3 in top 10. 3 DNF's due to engine failures.
- 1986 Started racing Karts, firstly with RAF Cosford as team manager, helped build 4 karts out of 'bits', organised RAF Cosford Annual Kart Grand Prix; as well as competing finished 2nd overall (winning 2 heats). Ran the official RAF Cosford team at Chasewater Kart Club and competed in 2 events.

Career/instructing History

SCU Motorsport Jul 16 to Present Day

Developing a motorsport education programme to support colleges and universities, including a race series with classes for Internal-Combustion, Electric, Hybrid and Hydrogen Fuel Cell cars. We are designing a single seater specifically with learning in mind with a view to promoting environmentally friendly approaches to motorsport. The race series will be supported by a new bespoke qualification (college level) driven by the needs of the motorsport sector, and embracing new technologies, as well as providing research opportunities for universities. There will also be a 3D Virtual Learning Environment using Augmented and Virtual Reality technologies. Acted as judge for the F1 in Schools programme.

<u>Driver/Instructor/Demonstrator</u>: Providing overview of manufacturers products, features and capabilities; Rolls Royce World showcasing cars and features to potential customers, as well as Chauffeuring customers to various presentations and demonstrations at Rolls Royce – Goodwood. Bentley Track Day – showcasing Bentley Flying Spur around Donington Park, and coaching Bentley Racing customers/sponsors representatives. KIA Masterclass (Millbrook) – demonstrating 'Intelligent ABS and Stability/Traction control on Skid Pan at Millbrook.

Motor Sport Vision

June 16 to Present Day

Instructor/Driver-Coach: ARDS A Grade Instructor - MSVR are my ARDS Sponsor School. Instructing at both Donington Park and Oulton Park providing high performance driving instruction on M4 Master and Race Master events, including providing high-speed laps for customers. Coaching on MSVT Track Days at Donington Park and undertaking ARDS Assessments and delivering safety briefs. Also undertake hosting and debrief roles at Oulton Park. Instructing on Corporate Days, Off Road/4 x 4, as well as on the Young Drive/Young Drive Plus.

Silverstone

August 22 to Present Day

Instructor/Driver-Coach: Instructing on the legendary Silverstone circuit and advising customers how to get the most from a range of supercars – Aston Martin Vantage, McLaren 620R and Ferrari 430 and Formula Silverstone Single Seater race car on retail events as well as corporate events, with the aim of providing customers with a class leading experience. Also involved in support role activities over the Grand Prix weekend.

Private Coaching

March 2020 to Present Day

<u>Driver-Coach</u>: Provided driver coaching to a young Indian lady competing in Formula Woman. Improved lap times by over 30 seconds around Donington Park.

PSR Events July 22 to Present Day

<u>Instructor/Driver-Coach</u>: Providing high performance driving instruction in a variety of Super Cars; Aston Martin Vantage, Ferrari 458, Lamborghini Hurracon, Mclaren 570, Nissan GTR, Mustang GT and Porsche 911 Turbo at various venues; Three Sisters, Dunsfold, Llandow, Curborough, Blyton Park and Hooton Park.

6th Gear April 2016 to October 2022

<u>Instructor/Driver-Coach</u>: Providing high performance driving instruction in a variety of Super Cars; Aston Martin, Ferrari, Lamborghini, Porsche, BMW I8 at various venues; Castle Combe, Anglesey, Bruntingthorpe, Dunsfold, 3 Sisters, Elvington, Stafford and Blyton Park.

Car Chase Heroes June 2016 to April 2018

<u>Instructor/Driver-Coach</u>: Providing high performance driving instruction in a variety of cars; Aston Martin, Mustang GT, Chevrolet Camaro and Camaro SS, Mazda MX5, Porsche, Toyota Supra, Ford Torino, Ford GT 40 Replica at various venues; Blyton Park, Tockwith Driving Centre, Abingdon, Dunsfold and Kemble.

The Racing School June 2016 to May 2018

Instructor/Driver-Coach: Original ARDS Sponsorship School. Providing high performance driving instruction in a variety of Super Cars; Aston Martin, Ferrari, Lamborghini, Porsche 911 at various venues; Three Sisters, Donington Park, Rockingham and Brands Hatch. Also instructed on the 'Drive an F1 Car Experience' at Three Sisters.

Drive Me June 2014 to March 2020

<u>Instructor/Driver-Coach</u>: Providing high performance driving instruction in a variety of Super Cars; Aston Martin, Ferrari, Lamborghini, Porsche 911, Subaru Impreza, Mitsubishi EVO VIII at Stafford Driving Centre and Anglesey.

South and City College/ City College Birmingham

Nov 10 to Dec 13

Motorsport Lecturer: Responsible for developing and running the motor-sport courses at South and City College Birmingham. Teaching motorsport engineering to Level 2 and 3 students. Lecturing in motorsport engineering and technology. Responsible for building relationships with local race teams to place students to allow them to gain practical experience. Also, established and ran the college race team, and developing motorsport capability within the college. Led projects to build two Race Cars; BMW and Toyota Corolla; Negotiated sponsorship deals on behalf of the College saving approximately £20,000. Also, responsible for running the College Race Team, driving and preparing the car. National A Race Licence Holder.