



Coming soon from



The Driving Force Behind Motorsport Education

# Inspiring Skills Development Through Motorsport



The First Race Series to Focus on Training Mechanics and Engineers  
**Not Drivers**



# Our Focus

Schools

Colleges

Universities

- Stimulating interest in engineering
- Creating pathways
- Focus on relevant skills
- Meaningful learning
- Practical skills application and development
- Research and development
- A whole season racing either to:
  - Hone skills and build experience
  - Validate designs and prove concepts



# The Problem:

1. **Shortage of over 8,000 skilled mechanics in the UK Automotive sector (2023) – According to the SMMT**
2. **Britain to run out of electric vehicle mechanics by 2030 – report by Social Market Foundation (2024)**
3. **Skills delivery is not moving quick enough to reflect industry**
4. **In general, motorsport qualifications are not delivering the skills or providing the experience needed**

## Context

1. **This was the traditional route into motorsport**
2. **The FIA has a mandate to drive Motorsport towards zero emissions**
3. **2 years to get a qualification validated – Hydrogen not being taught!**
4. **Feedback from Race Teams, Manufacturers and motorsport supply chain**



# Driving the Revolution in Motorsport Education

- A new qualification – relevant skills
- **New learning and assessment methodologies – support Neurodiverse learners**
- Virtual Learning environment
- **Race Car**
- Race Series



# New approaches to learning and assessment

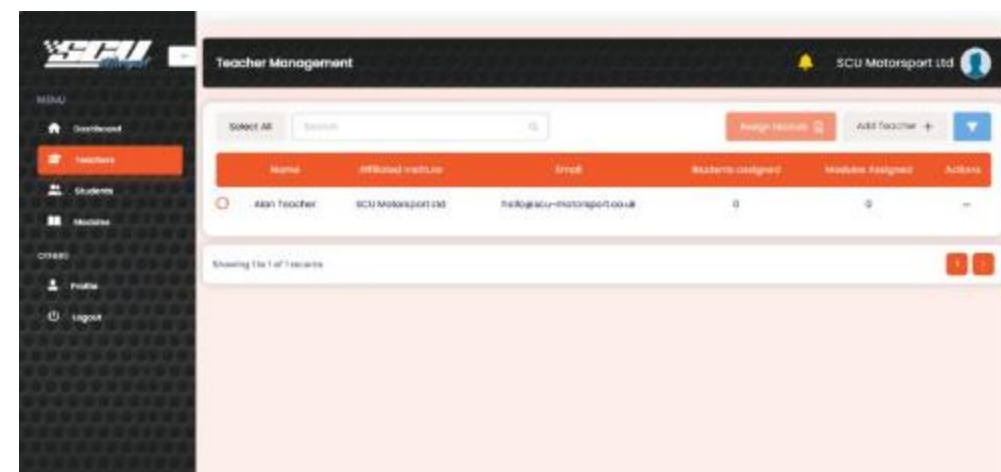
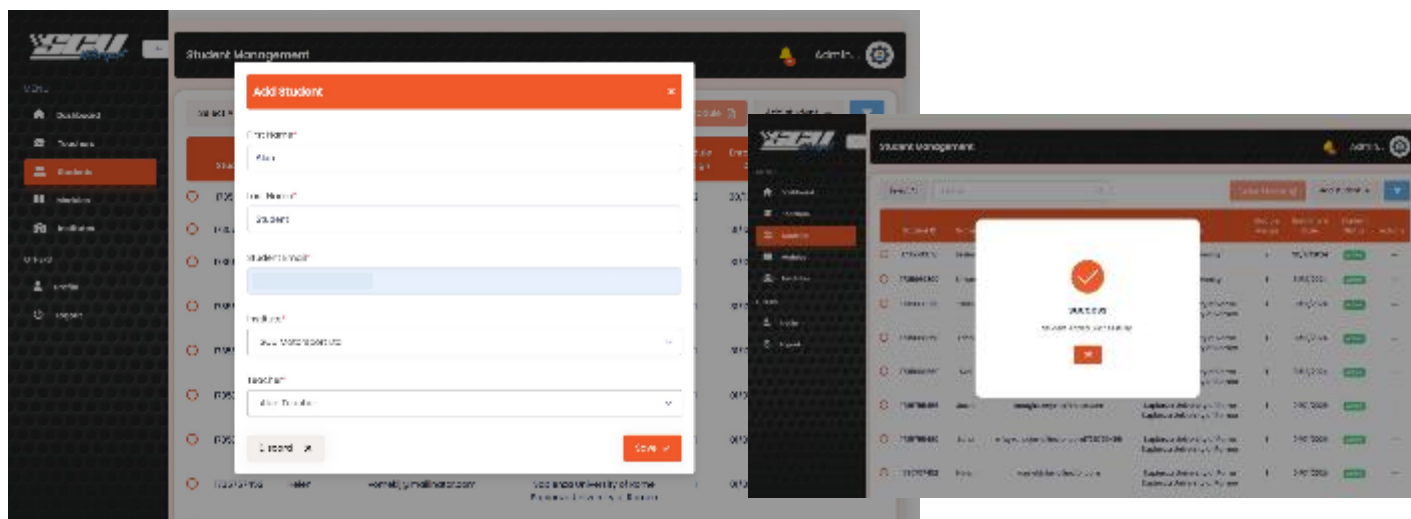
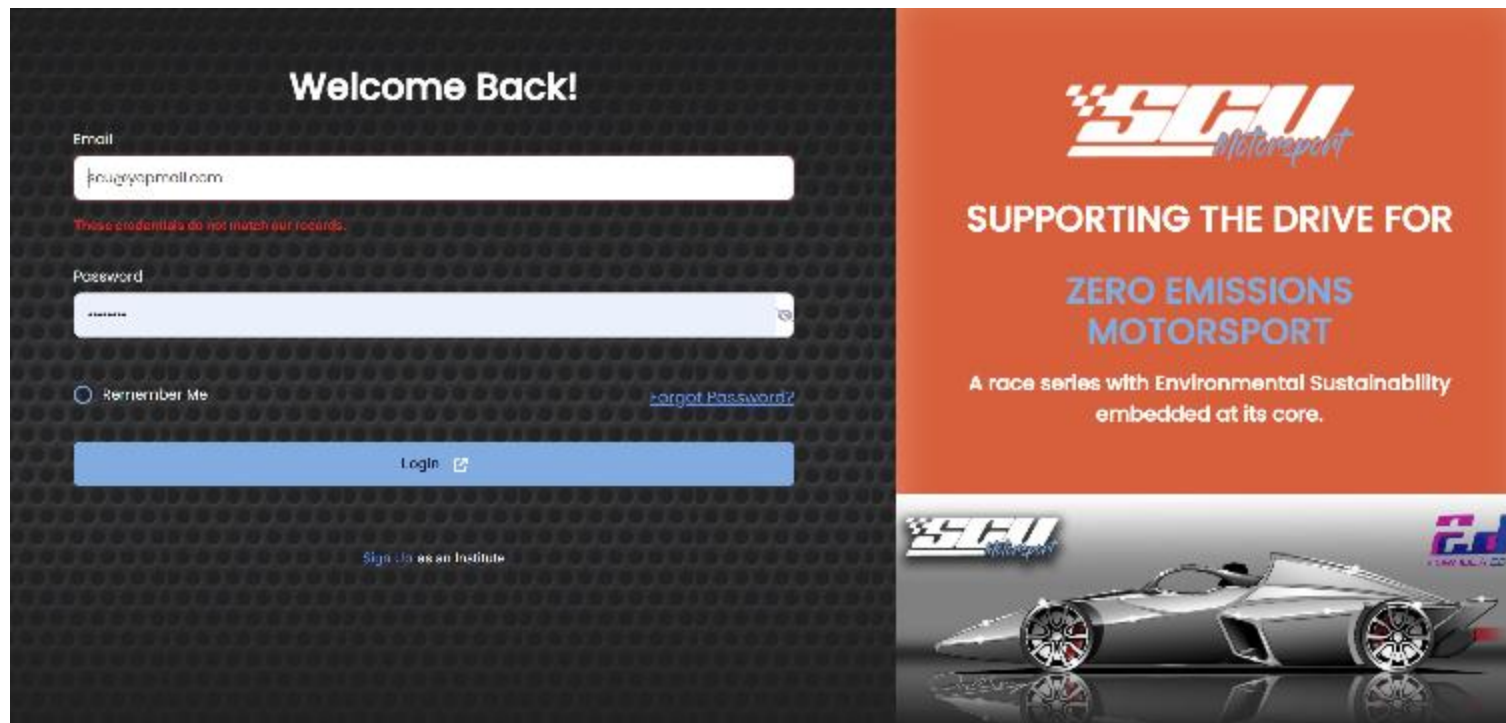
- 3D Virtual Learning environment
  - Augmented Reality
  - Virtual Reality
  - Simulation
- Neurodiverse – already demonstrated that it works
- More engaging for traditional learners
- More visual – practice in a gaming environment
- Instantaneous assessment
- Update in our learning portal





# Learner Portal

- Individual student profile
- Register of motorsport lecturers
- Jobs board
- Accessible to the teams
- Skills development
- Awards displayed
- Much more



# Validating the Approach

- Neurodiverse learners stated they found it easier to learn
- Traditional learners found it easier to learn and more engaging
- Demonstration of real skills
- 3 students made changes in their career direction





# The Car

- A learning platform
- Intrinsically linked to the qualification – reinforcing learning
- Styling Cues from the F22 Raptor
- Already stimulating interest from pupils, students and industry





# A race car powered by Green Technology

- Learning green skills as they are adopted – not 2 years later
- Classes within the race series to support skills development and research:
  - Hydrogen Fuel Cell powered cars
  - Direct Injection Hydrogen
  - Electric
  - Hybrid
  - Internal Combustion – Green fuel
  - Future proofing – new developments
- These are transferable skills



# Has the potential to:

- Ensure the Longevity of Motorsport
- Support the drive for Zero Emissions Motorsport
- Promote Inclusion



**Tom Baker** • 1st

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I had a most insightful conversation with [Alan O'Neill](#) this afternoon about ways to greatly improve the quality and real-world application of motorsports education for mechanics and engineers, not just in the UK but worldwide.

Many current mechanics and engineers across the industry would say that the skills they were taught in colleges and trade schools aren't fully useful in the real world. I have observed the same lack when it comes to training and developing drivers.

Why aren't we actively working to do better? Alan has been a racer, mechanic, and teacher in the automotive and motorsports space, so he understands what's wrong. He and his team have created a really exciting model to fix the shortcomings. I've attached his website in the comments.

I will be doing an episode of The Tom Baker Show with him that will air in Q4 of this year, so I can help him share his story and his idea. This idea needs to happen, and it needs to be a worldwide initiative. I am excited to share this most fascinating gentleman with all of you and to let you see what could be possible as we move into the future for true and accurate motorsports education that is combined with real on-track racing.

The possibilities for this are endless. All it takes is the right partners who want to align themselves with this mission for the greater benefit of automotive and motorsport worldwide.

Check out his website, and we'll bring the episode to [POWERtube TV](#) very soon! [#motorsport](#) [#racing](#) [#education](#) [#automotive](#)

**18<sup>th</sup> September 2025**



"Motorsport UK are excited to be privy to the ambitious plans of Schools, Colleges and Universities Motorsport and look forward to collaborating as these plans develop. The programme has the potential to deliver the relevant skills and experience needed for future mechanics and engineers who want to pursue a career in motorsport"

**Sue Sanders - Director of Learning and Development at Motorsport UK**



I first became aware of SCU Motorsport at the F1 in Schools STEM programme, where they are supporting local schools and promoting engineering. Many colleagues within the motorsport industry are telling me that there are shortages of appropriately skilled mechanics with relevant practical experience, so it was interesting to learn what SCU Motorsport is doing.

By developing a unique and innovative race series, specifically for colleges and universities, it will offer the potential for delivering the practical skills and experience that I believe is needed by motorsport teams, manufacturers and suppliers.

SCU is focused on creating pathways for individuals seeking motorsport industry careers, which I believe offers a different approach by providing a high-level of practical experience in the real, highly competitive world of motor racing.

**Brian Sims – Founder of the Motorsport Industry Association (MIA), ex Commercial Director at Benneton F1**



I'm passionate about Formula Student. However, it is focused on Design and Development in Universities. There is currently a hole in the education system that should not be there, and that is the education of those more directly involved in the maintenance and setup of race cars.

The SCU Motorsport Program has the potential to fill that hole and create the motorsport mechanics and race engineers of the future, and also providing a fair and competitive environment for them to learn.

**Willem Toet; Ex Ferrari F1 Chief Aerodynamicist, and Sauber F1 Team Manager and Chief Designer**



"ChassisSim is proud to come onboard as a technical partner for SCU Motorsport. Not only does the SCU Motorsport programme offer a genuine educational opportunity for motor racing, that has been sadly lacking of late, but the concept behind it is really harks back to what a genuine feeder formula should deliver, that is education for both drivers, engineers and mechanics".

"We are very excited to be involved in it's evolution"

**Danny Nowlan – Director ChassisSim Technologies**



# Interest

- Global competition
- 'World Cup' Shoot out
- Promoting international collaboration
- Deliver relevant skills
- Wider scope:
  - Strategy
  - Logistics
  - Planning
  - Sponsorship
  - Politics
  - Regulations
  - Funding
  - Team management
- Providing skills to support the development of an indigenous motorsport infrastructure





# Get In Touch



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