



CASE STUDY:
THE UNIVERSITY OF WALES
TRINITY SAINT DAVID (UWTS D)

AN INNOVATIVE CENTRE OF LEARNING FOR SWANSEA

UWTS D approached Dura to design a workshop system for its purpose-built facility at SA1 Swansea Waterfront. The facility includes an automotive workshop, environmental science laboratory and simulator room in the new Engineering department.



Exciting new development, SA1 Swansea Waterfront

THE BACKGROUND

As part of a £350 million investment, UWTS D has a purpose-built facility in the northern part of Swansea Docks. The eye-catching centre of excellence brings together the faculties of architecture, computing and engineering, Yr Athrofa, The Institute of Education, the Construction Wales Innovation Centre, and a new library.

Dura's brief was to design and create educational environments for both lecturers and students to be motivated and inspired. Dura utilised the versatility of their modular workshop furniture to tailor each setting, enabling SA1 to deliver the highest standard of education.

THE PLAN



Automotive Workshop

THE DESIGN

Within the **Automotive Workshop**, Dura used their knowledge and experience of working with high profile race teams and manufacturers to construct an area with the look and feel of a modern race bay.

Dura designed a large, 7-metre-long cabinet workbench as the main focal point of the **Science Laboratory**, with smaller workstations feeding off creating a specialised learning setting.

The layout in the **Simulator Room** provides a clean hi-tech environment, mirroring those used by professional drivers and enabling the students to immerse themselves in a state-of-the-art racing simulator.



The Motorsport Simulator Room



Automotive Workshop

THE RESULTS

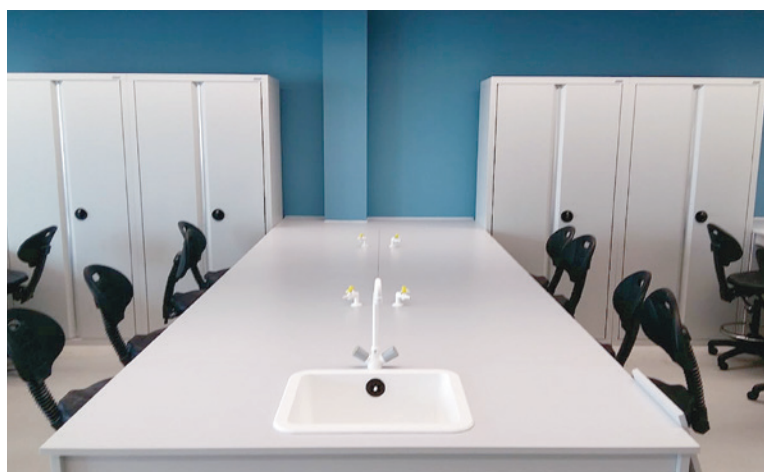
Dura has delivered a modern, clean and efficient solution echoing the contemporary feel of SA1. The workshop furniture is an integral part of providing specialist training and applied research for the students and apprentices.



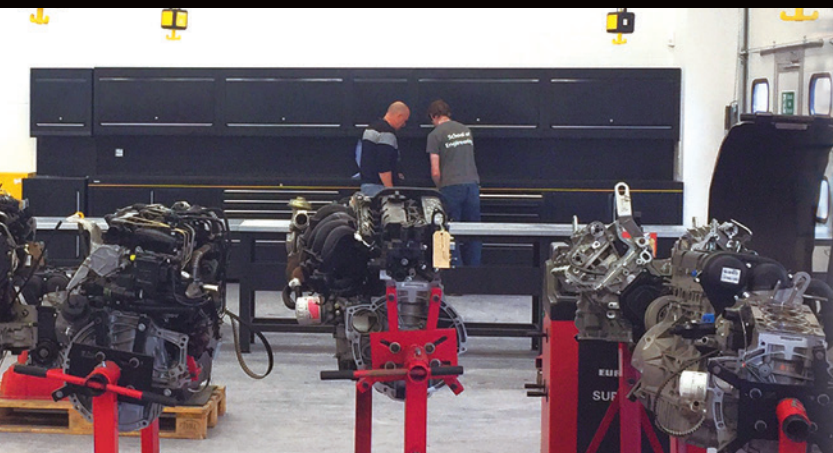
Working with Dura has enabled us to future-proof the longevity of SA1. It's important that our facilities are as striking in appearance and robust as the building itself, thus enabling us to attract students, apprentices and commercial partners

Emyr Jones

*Senior Estates Manager
(Development & Planning)
UWTSD*



The Engineering Science Laboratory



PROJECT NOTES

This project included the following key features

Automotive Bays

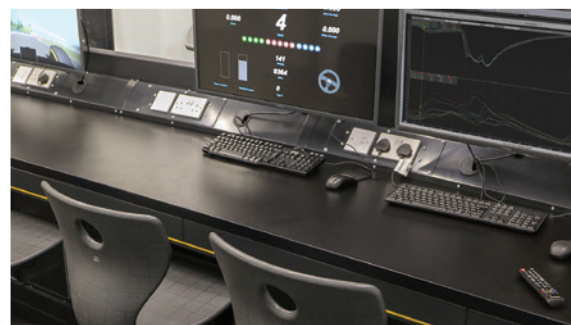
- 4 professional racebays
- Bookended with fully integrated storage and tool cabinets
- Each bay defined by 6 metres of workbenches

Simulator Room

- Hi-tech race simulator with viewing area for race engineers
- 5 metre race desk with electric supply and Cat5 communication
- Under-bench storage for hard drives
- Partition wall with windows into simulator

Science Laboratory

- Bespoke 7 metre workbench
- 20 workstations with gas, electric and Cat 5 supply
- Lockable storage for students
- Fume cupboard
- Equipment storage



DURA®

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