INVEST IN DORSET'S

ADVANCED ENGINEERING & MANUFACTURING SECTOR

DORSET
Local Enterprise Partnership

PROUD TO SUPPORT GREAT BRITAIN & NORTHERN IRELAND

dorsetlep.co.uk/invest-in-dorset

Dorset

Dorset is home to a thriving and varied engineering and manufacturing sector employing around 28,000 people. As a sector this contributes £1.7 billion annually to the region's economy and there is substantial potential for further growth.

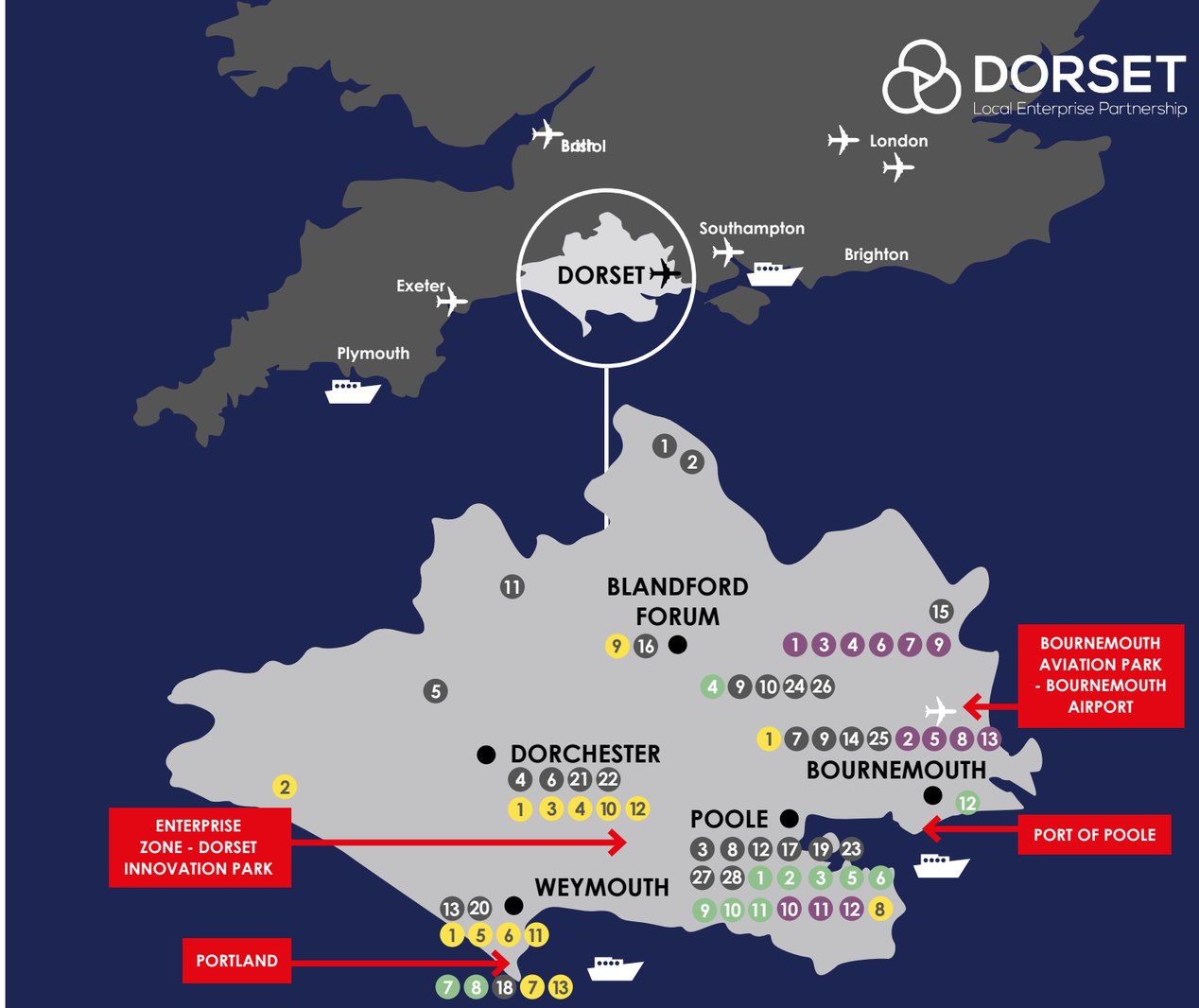
Dorset is a highly attractive region, and is one of the UK's top areas for high growth digital businesses and second fastest growing area for start-ups in the UK. Advanced Engineering & Manufacturing businesses locate to Dorset for many reasons including:

- presence of major primes and associated supply chain;
- a vibrant and dynamic supply chain supported by key national trade associations and sector organisations such as Make UK, Maritime UK South West (MUKSW), the British Marine Federation (BMF) West of England Aerospace Forum (WEAF) and the South West Defence & Security Cluster (SWRDC)
- a highly skilled workforce
- joining 315 foreign-owned businesses already established in Dorset including: JP Morgan, Sunseeker International, Yunex Traffic, Honeywell, Magellan, Manitou, Merck, BNY Mellon, Dupont and Caterpillar Marine
- 2 Ports /3 Harbours providing strong links to mainland Europe, Channel Islands and Santander. Port of Southampton Container Terminal within 1 hour
- locating with global leaders in AEM including: Aish Technologies, Atlas Elektronik UK, AVIC Cabin Systems, BAE Systems, Royal National Lifeboat Institution (RNLI), Norco GRP, Global Marine Systems, Coda Octopus, Curtiss-Wright, Loop Technology, Netzsch Pumps, Parvalux Electric Motors and QinetiQ
- home to Bournemouth Airport, and both Exeter and Southampton Airports are accessible within 1 hour. Bristol, London Heathrow and Gatwick Airports are accessible within 2 hours
- excellent universities (Bournemouth University and Arts University Bournemouth) and colleges with specialisms in aerospace and marine related research and education. Close links to 11 neighbouring universities and the National Composite Centre, the South West's "Catapult Centre" located at Bristol & Bath Science Park and Satellite Applications Catapult
- a superb quality of life - acting as a magnet for skilled people; and
- UNESCO designated World Heritage Site – the Jurassic Coast

The Dorset Engineering & Manufacturing Cluster (Dorset EMC) provides a voice for the sector enabling companies to collaborate, become more sustainable and deliver to their full potential.

For a comprehensive information hub and a forum for collaboration and support, go to: ***dorsetemc.com***

DORSET EMC Engineering and Manufacturing Cluster



Marine

1. Sunseeker
2. Atlas Elektronik UK
3. AGI/Aish Technologies
4. Caterpillar Marine Power
5. RNLI
6. Norco GRP
7. Global Marine Systems
8. Manor Energy/ Group
9. Wärtsilä
10. Pixii Boats
11. Cobra Ribs
12. Actisense

Aerospace

1. Eaton Mission Systems
2. Draken Europe
3. Curtiss-Wright
4. Honeywell Aerospace
5. Micro-Nav
6. Spherea Test & Services
7. AVIC Cabin Systems
8. Copperchase
9. Gama Aviation
10. Walker AEC
11. Field International
12. Aviation Defence Spares Ltd.
13. Beagle Technologies

Defence

1. BAE Systems Army
1. BAE Systems Defence & Intelligence
1. BAE Systems Royal Navy
1. Battlelab
2. Amsafe Bridport
3. Atlas Elektronik UK
4. Babcock International
5. Coda Octopus
6. IAP G3 Systems
7. QinetiQ
8. Royal Marines
9. Royal Corps of Signals
10. Armour Centre
11. Royal Engineers
12. Intrepid Minds
13. HeliOps

Advanced Engineering & Manufacturing

1. Dextra Group
2. Merck
3. Eurac Global
4. Loop Technology
5. Netzsch Pumps & Systems
6. Optasense
7. Polyhose (UK)
8. Yunex Traffic
9. Primetals Technology
10. Ultra CEMS
11. Valmiera Glass
12. Mattblack Systems
13. ASM Assembly Systems
14. Drilling Systems
15. Manitou
16. Hospital Metalcraft
17. Flowbird
18. QinetiQ Land & Magnetic Facilities
19. Safi Valves
20. Tecan Precision Metal
21. Britlift Ltd
22. Hugslock Systems
23. BOFA International
24. Aeroflex Hose & Engineering
25. Parvalux Electric Motor
26. Superior Group
27. Faerch
28. Mathmos

High Tech Manufacturing & R&D

Dorset has a rich base of R&D and high tech manufacturers reaching across other sub-sectors of industry, ensuring a highly skilled advanced engineering and manufacturing supply chain. High tech manufacturing companies in Dorset include: Aish Technologies, ASM Assembly Systems, Beagle Technologies, Carlisle Fluid Technologies, Dextra Group, Manitou, Eurac Global, Hospital Metalcraft, Loop Technology, Netzsch Pumps, Parkeon, Polyhose (UK), Primetals Technologies, Safi and Yunek Traffic.

Case Study

JET ENGINEERING
5G AT SEA

JET Engineering System Solutions is delivering 5G communications and real time met ocean data collection for offshore environments to enable safe and secure, sustainable, smart operations.

JET is working within multiple maritime sectors including offshore renewables, sea and coastal safety, and port operations. JET's goal is to improve safety by expanding connectivity offshore, and to improve efficiencies by providing real time data and enabling autonomous technologies.

Floating Offshore Connectivity:

The pictured buoy platform is suitable for at-sea deployment in coastal to semi-protected offshore locations. A mesh of buoys up to 10km apart can provide a full 5G pop up network offshore, delivering your connectivity when and where you need it. These platforms can also host a range of sensors, such as sea state and 4K video, to deliver you a real time picture of marine environments.

The base station buoy platform deployed in Dorset

jet-eng.co.uk

DORSET
Local Enterprise Partnership

Case Study

BOFA™
A Donaldson Company
A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

BOFA International is a multi-award winning world leader in portable fume extraction and filtration. They have an unrivalled heritage of over 35 years' experience in providing fume extraction solutions which are reliable, high-quality and have a low lifetime cost of ownership.

Their expertise is well established and trusted by all sizes of businesses, from global market leaders to niche production in a wide cross section of industries including laser, electronics, mechanical engineering, printing, 3D printing, dental, medical and pharmaceutical.

bofainternational.com

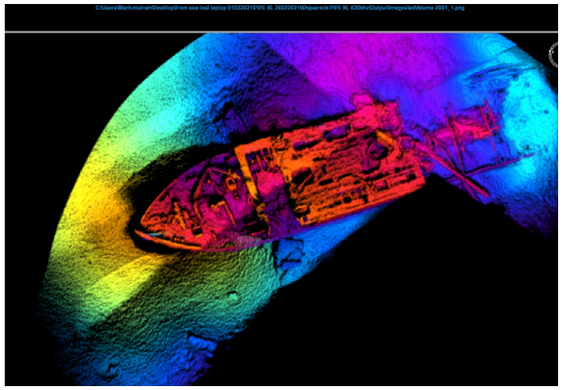
Case Study

Coda Octopus
Sound Underwater Intelligence

Coda Octopus Martech's unique and world-leading 3D sonar technology, EchoscopeTM generates high-resolution images of subsea scenes in real-time. This patented technology is already adopted for commercial underwater construction and maintenance, as well as defence and security. Applications include:

- Autonomous vehicles
- Offshore renewable energy,
- Defence diving operations
- Marine infrastructure development
- Port and harbour security
- Geophysical and environmental mapping

Generating instantaneous high-resolution 3D images, 3D sonar provides real-time subsea vision for autonomous vehicles resulting in unprecedented navigation and obstacle avoidance capabilities. Coupled with AI, real -time 3D sonar can enhance robotic platforms beyond autonomy enabling the creation of highly sophisticated 'Smart Vehicles' with the potential to automatically undertake routine inspections, safeguarding infrastructure.



With unmanned and autonomous vehicles predicted to take over many routine tasks in the future, 3D sonar is forecast to be a critical tool, enabling autonomous sub-sea and surface vessels to safely navigate in hazardous waters.

Given the anticipated growth in autonomous technology, Coda Octopus Group is looking at how it can expand its capabilities and offerings from its engineering base, close to Portland harbour.

martechsystems.co.uk

SOUTH WEST AEROSPACE

The South West Aerospace sector is one of the largest, most significant in the world. With over 800 supply chain companies, global leaders from the top 14 prime companies and the largest and most productive tech cluster outside of London, the region is the UK's most capable Aerospace cluster, valued at £7 billion and supporting up to 98,000 jobs in the wider economy.

South West Aerospace represents a collaboration between the six LEP areas in the South West to promote the aerospace sector in an international arena using the "South West Aerospace" brand. Focusing on a recognizable geographical area this has resulted in a coherent approach to inward investment within the region.

The South West's Aerospace sector has global prominence and is essential to maintaining and developing the UK's excellence in industrial innovation, productivity and skills.

Dorset is a leading hub for Aerospace Maintenance, Repair and Overhaul (MRO). With its own regional airport (Bournemouth Airport, with a connected Aviation Business Park), and home to a growing number of global aerospace companies (including BAE Systems, AVIC Cabin Systems, Eaton Mission Systems, Draken Europe, Magellan Aerospace, Curtiss-Wright and Honeywell International), aerospace MRO companies (such as Signature TECHNICAir, Gama Aviation and Aerotek Aviation Engineering) and associated supply chain. Dorset is set to contribute significantly towards the 4.1% per annum growth of the global MRO market to $96 billion by 2025.

dorsetlep.co.uk/south-west-aerospace

© Finn Morgan

DORSET Local Enterprise Partnership

Case Study

MICRONAV

Dubai Aviation Engineering Projects (DAEP), a leading engineering organization responsible for the master planning, design, infrastructure development and construction of Dubai's dynamic aviation sector, has selected UK-based Micro Nav Limited's market-leading ATC tower simulator suite, BEST, to support its plans for air traffic growth at both Dubai and Al Maktoum International Airports.

Dubai Air Navigation Services (dans), the provider of air navigation services and air traffic control for Dubai and the Northern Emirates, will be deploying the BEST ATC simulator to enable the planned technological advancements, while defining the concept of operations, and increasing its training capacity to support the continuous growth.

The new simulator suite extends the existing Micro Nav tower simulation platform with two additional 360° tower simulators, ten single-person tower simulators, plus integration with existing simulation assets and new ATM systems procured to support dans' growth strategy.

micronav.co.uk

Case Study

ATLAS ELEKTRONIK UK

Apprenticeships at Atlas Elektronik UK

Atlas Elektronik UK (AEUK) won the 2019 Dorset Echo Industry Awards for Apprenticeship/ training provider.

AEUK has a 400-strong workforce at Winfrith and specialises in maritime systems and related science & technology. Apprenticeships are offered across the company, including in engineering, accountancy, mechatronics, IT, and business administration.

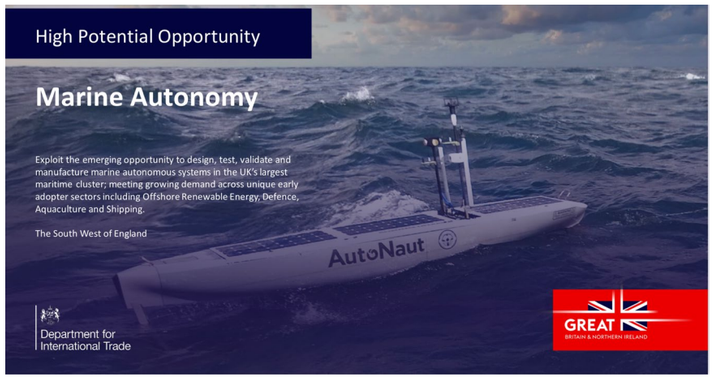
AEUK believes in nurturing talent. Russell Warren, human resources director, said: "As AEUK continues to grow at Winfrith we're recruiting increasing numbers of talented employees, including many from the local area. Our focus is on developing our people to help the company grow and give them the opportunity to progress their careers with us."

AEUK also has an Institution of Mechanical Engineers accredited graduate scheme to help engineering graduates achieve professional recognition.

uk.atlas-elektronik.com

MARITIME UK SOUTH WEST

Dorset and the South West of England presents a key opportunity to benefit from the unique capabilities of the UK's largest maritime cluster and provide solutions across growing industries.The award of a High Potential Opportunity in Marine Autonomy by DIT highlights the emerging opportunity for Dorset based businesses to design, test, validate and manufacture marine autonomous systems in the UK's largest maritime cluster; meeting growing demand across unique early adopter



sectors including Offshore Renewable Energy, Defence, Aquaculture and Shipping:
https://www.dorsetlep.co.uk/userfiles/files/Marine%20Autonomy%20HPO/HPO%20Marine%20Autonomy%20reformatted%20FINAL.pdf

maritimeuksw.org

SWRDSC
South West Regional Defence and Security Cluster

The SWRDSC is the first pan-Defence and Security cluster in the UK. It forms a collaboration led by industry and academia with the support of government and its ministerial departments such as the MOD and its innovation directorate, and the Defence and Security Accelerator (DASA).

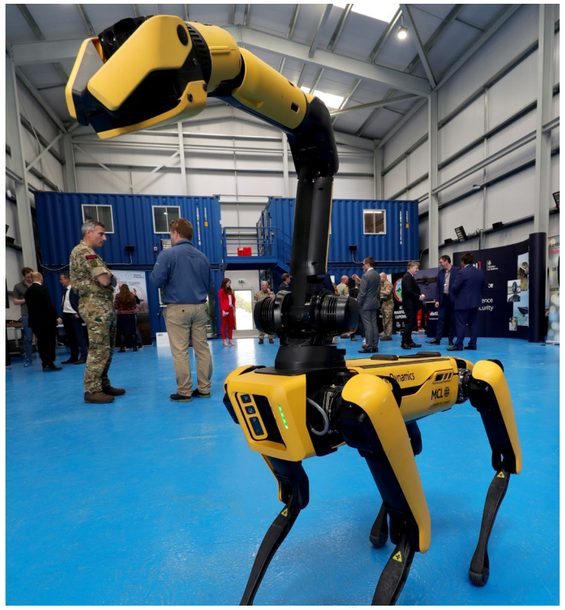
The cluster seeks to aggregate and raise the profile of regional D&S capability to stimulate greater sector knowledge, business, economic growth and productivity across the South West region. It will attract businesses of all scales with an interest in D&S to deliver new sector and cross-sector capability. It aims to apply a 'Team UK' approach to enable more joined up working between industry, academia and government, providing an efficient and accessible route to industry curation and the region's D&S value chain.

southwestrdsc.co.uk

DORSET Local Enterprise Partnership

Case Study

BATTLELAB



Located at Dorset Innovation Park, the Ministry of Defence has joined forces with Dorset Council and Dorset Local Enterprise Partnership, to open the first of its kind in the UK, the Defence BattleLab.

The facility is home to end-users from different trades and specialisations across Defence; people placed to help collaborators navigate the MoD and make engagement more accessible. BattleLab seeks to enable exciting and creative collisions and connections, bringing the right minds together to solve challenging problems and emerging threats.

Technology is advancing at an unprecedented rate, accelerated by the convergence of 5G, artificial intelligence, machine learning and quantum computing. By being transparent and willing to work more collaboratively, Defence aims to keep pace and remain competitive in a changing world. BattleLab is the defence innovation Co-Creation Space, part of the government's National Strategic Technology and Innovation Exchange (NSTIx) programme.

The programme was established to enable innovative development and prosperity opportunities by bringing parties to the table that would not normally be involved.

Benefit from hot desks, breakout rooms, conference facilities, event space and places to make, test and trial solutions. Book facilities that work for you, including short-term community hot desks or a more permanent dedicated desks.

army.mod.uk/our-future/battlelab

Loop Technology

Loop Technology are specialists in industrial automation technology and robotics. They design and build automated systems for the high value manufacturing sector to deliver greater output and consistent product quality.

The company are trusted partners of several High Value Manufacturing Catapult Centres and global robot manufacturers. Their vast experience in machine vision, industrial robotics and motion control systems allows the company to create advanced solutions for niche manufacturing problems across many industries.

Examples include Robotic Machining, Fastening Tools for aerospace assembly, Vision based inspection systems, Robotic labelling of packages for e-commerce and Preforming of large-scale composite aerostructures.

Composite Deposition Cell

Developed for the National Composites Centre in Bristol, this high rate preforming cell, Including FibreFORM and FibreROLL, is an example of how Loop Technology are developing products and solutions to support the advanced manufacturing sector.

As the demand for composite structures in manufacturing continues, there is a continued drive to reduce cost and production rates. The industry is looking to companies like Loop Technology to replace established methods which rely on either labour intensive or time consuming techniques such as hand layup or AFP (Automated Fibre Placement).

Loop Technology have developed a high-rate deposition system comprising two huge industrial robots deploying a range of wide material format end effectors that automate the production of large scale composite structures reducing cycle time by up to 10 times.

looptechnology.com

DORSET Local Enterprise Partnership

Marine & Composite Technologies

The Ports of Dorset offer boat-building, both design and manufacturing, fit out and servicing.

The Port of Poole (one of the largest Trust Ports in the UK) and its surrounding area is one of Dorset's key assets. Poole Harbour is one of the world's largest natural harbours, with more than 5,000 commercial movements and a new £10m port expansion underway, including a new 200m deep water quay.

Portland Port, a deep water port, key tenants are Global Marine Systems and Manor Energy Group, and remains the port of choice for the Royal Fleet Auxiliary with the neighbouring Osprey Quay hosting Sunseeker International, IAP G3 Systems, Atlas Elektronik UK and Coda Octopus. It offers the ideal location for developing and testing underwater defence equipment, as well a near water development site with land available for industrial development.

Dorset is also home to some of the largest players in the field of composite technologies, used in both marine, aerospace and renewable energy industries e.g. Manor Renewable Energy. Sunseeker International and the Royal National Lifeboat Institution both invest in R&D and manufacturing of composite technologies within Dorset. Sunseeker has manufacturing units within Poole and Osprey Quay, Portland, and the RNLI has invested in a new R&D facility manufacturing the Shannon Class lifeboat in Poole.

Other leading companies present in Dorset are Wärtsilä, Norco GRP, Caterpillar, Coda Octopus Martech and Global Marine Systems.

Defence

Thanks to its naval history, Dorset is at the forefront of Maritime Defence, with world-class companies such as Atlas Elektronik UK, BAE Systems, Aish Technologies, Amsafe Bridport, AGI Aeronautics, AB Technologies, Babcock International Group, IAP G3 Systems, Ultra Electronics NCS Systems, Coda Octopus, Chemring Technology Solutions, Drungrange, Tods Defence and BMT Defence Services, HeliOps plus the Defence BattleLab featured.

Some defence world leaders, such as Atlas Elektronik UK, QinetiQ and Optasense, are based at Dorset Innovation Park, a secure strategic employment site with Enterprise Zone Status, able to offer business rate relief and simplified planning to companies responding to defence contract awards and needing to establish List X activities quickly.

Dorset is home to several Ministry of Defence Centres of Excellence including the Royal Marines, Poole, The Armour Centre, Bovington, The Royal Corps of Signals, Blandford and the MoD Bridging Camp, Chickerell.

Battlelabs

Dorset Talent

Dorset offers a skilled and experienced workforce, with 48% of the 353,500 workforce in managerial/profession jobs.

With 22,000 degree students in Dorset, employers can source from 4,230 annual graduates from Bournemouth University and Arts University Bournemouth, or from 21,300 graduates in neighbouring Hampshire.

The Bournemouth & Poole College STEM Centre and Weymouth College Centre of Excellence for Engineering are focal points for STEM related careers and produce qualified engineers and skilled craftsmen for our advanced engineering related sectors. These establishments run among the largest apprenticeship programmes in the country and local talent has access to a generous engineering offer from local FE and HE Centres just outside of Dorset, such as Brockenhurst and Yeovil College, also offering a wealth of opportunities.

Bournemouth University's Department of Design and Engineering Research Centre is led by a team of world-class academics and researchers with a proven track record of internationally excellent applied research and industry collaborations ranging from clean energy technologies to ceramic bearings and corrosion monitoring. The Department's Innovation Centre features industry-standard facilities and the latest rapid 3D printing, prototyping and manufacturing equipment. Arts University Bournemouth also runs creative projects with external partners supporting manufacturing and it's state-of-the art Innovation Studio and Associate Programme combines flexible workspaces with latest industry-standard equipment, and cutting edge expertise to support industry research and development.

Bournemouth University

Bournemouth University has a long-established relationship in engineering, linking with local businesses to turn education into practice.

The university offers engineering courses, as well as courses in product design, mechanical engineering and elements of computing and informatics. These courses culminate in the Festival of Design and Engineering, which takes place each year to showcase the products and engineering solutions of students.

In research, the university is engaged in helping to preserve historic vehicles, create assistive technologies for a fairer society, and the creation of prosthetic limbs for high-level athletes. The university works on fatigue testing of materials using ultrasonic technology, to understand the life of materials and

Festival of Design & Engineering

help to create solutions for them to last longer, reducing the need for waste, while BU also offers medical engineering solutions, creating products that help people live better, for longer.

The university brings its creative and digital expertise alongside its engineering capability to help create solutions to modern engineering problems.

bournemouth.ac.uk

Design & Engineering

ARTS UNIVERSITY BOURNEMOUTH

Arts University Bournemouth brings together business, academic and research to enhance the innovation ecosystem of Dorset. We have a number of programmes that deliver activities for innovation, run through our Innovation Studio. The following are examples of projects we have been supporting in recent years.

aub.ac.uk

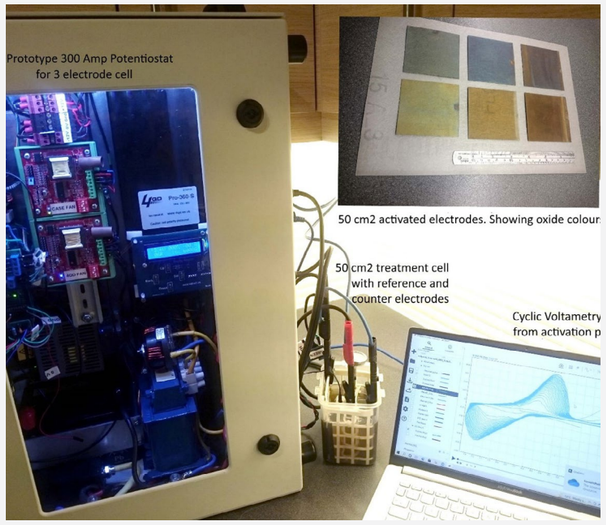
LUSH

Lush is a global cosmetic brand famous for its colourful and cruelty-free handmade cosmetics. Since 2020, AUB have been working with the LUSH R&D team to explore concepts and processes that will enhance the innovation potential of sustainable packaging. As a company, LUSH employees are a member of AUB's Innovation Studio and get access to our creative technologies and research and technical expertise.

lush.com

Latent Drive

Latent Drive is a start-up company developing the 'Catrode', a combined catalyst and electrode for making Green Hydrogen by electrolysis of water. Catrodes are simple to mass produce, durable, efficient and provide an alternative to rare platinum group metals. Latent have been working with our innovation team to access funding and resources for early-stage development. In 2022, the company was awarded a grant of £472k from the Energy Entrepreneurs Fund, a grant competition run by BEIS. This will form 90% of funding for a £525k project to pilot mass production of our Catrodes for Green Hydrogen production.



latentdrive.co.uk

cyclOpic

Cyclopic is a start-up engineering business from central Dorset specialising in transport solutions for greener growth in urban areas. AUB have been supporting Cyclopic on prototyping the bike using technical expertise and access to our digital fabrication equipment. We have also awarded the business an EU Regional Development Fund grant for the design and development of its mobility products.

cyclopic.co.uk

aub.ac.uk/innovation-studio/projects/cyclopic

AETHA

AUB has been working with Aetha Design, a product design studio in Poole, since its inception in 2018. As well as supporting the development of new to the market products, Aetha and AUB have created a valuable network of support for small businesses in Dorset, developing projects from concept through to minimum viable product. AUB was one of the early funders for Aetha's first IP development projects, the 'Totem' camera arm, which has since gone on to be awarded an Innovate UK grant.

aethadesign.com

Designed Healthcare is a start-up business founded by AUB Architecture graduate, Ali Jafary (MA). As a practicing nurse at Royal Bournemouth Hospital, Ali is developing a new type of chair focused on alleviating physiological stresses from lifting in and out of a chair. As a resident business to the Innovation Studio, the company has received innovation funding and product development support to move from concept to prototype. In 2022, Ali was awarded a £50k grant from the Royal College of Art (RCA) Design Age Institute 'Pathfinder' initiative.

Designed Healthcare

AUB's Innovation Studio operates as a lab for creative technologies, a nucleus for start-ups and regional enterprises, and a hub for industry engagement, with a focus on collaboration, high-skills development, entrepreneurship, research, and prototyping.

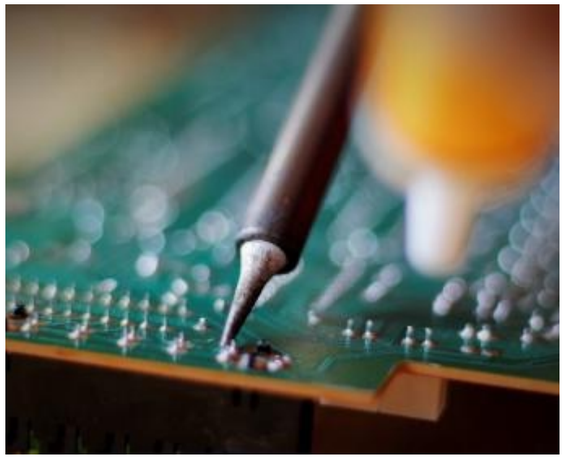
aub.ac.uk/innovation-studio

Engineering (Mechanical and Electrical)

Study Engineering with us from Level 1 right through to Level 6.

Engineering is a diverse and vibrant industry, and there are plenty of opportunities for talented and enthusiastic graduates, fitters and operatives. Expert tutors teach the skills and techniques that local businesses require. We work closely with local businesses like Eaton PLC, REID Steel, Superior Seals and Aish Technologies.

We cover a wide range of subjects from mechanical engineering, electrical and electronic Engineering, welding and fabrication to CNC and CAD. Our well-equipped workshops reflect an industrial environment, so students get hands-on training in real conditions. Students do work experience as part of the course and learn from specialist guest speakers. Many of our qualifications include an external assessment.



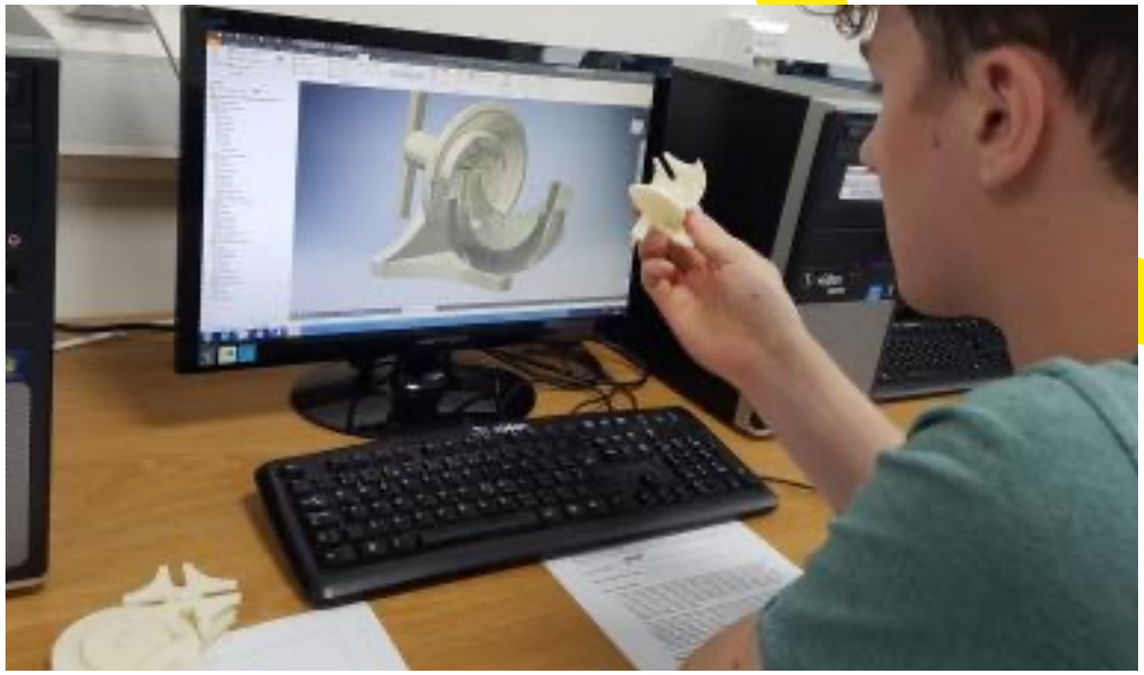
At level 1 and 2 we offer a rounded introduction to Engineering with some mechanical, fabrication and electrical engineering to allow students to decide how they wish to specialise as they progress. Level 3 students can specialise in either mechanical or electrical pathways, or choose an apprenticeship.

There is a thriving engineering industry locally. Our students have gone on to work in mechanical engineering, welding, maintenance engineering, CNC manufacturing and CAD drafting.

In higher education our FdEng/HNC course in Mechanical Design will give you a superb grounding in the essential principles and techniques needed to meet the increasingly challenging and exciting nature of the Engineering industry. It has been designed to be relevant to the needs of employment in the fields of Design and within Mechanical Engineering.

Students have the benefits of using the College's excellent facilities including 3D printing, an industrial robot, CAD/CAM suites and material testing laboratory. Current students are registered as student members of the Institute of Engineering Designers (IED). Completion of the course enables partial Incorporated Engineer registration.

Our FdEng/HNC Engineering - Electronic Design course will give you a superb grounding in the essential principles and techniques needed to meet the increasingly challenging and exciting nature of the Engineering industry. It has been designed to be relevant to the needs of employment in the fields of Electronic and Electrical Engineering.



On this course students have the benefits of using the College's excellent facilities including a full equipped electronics laboratory, electronics systems design suites and a new PCB design and prototyping system. Current students are registered as student members of the Institute of Engineering Designers (IED). Completion of the course enables partial Incorporated Engineer registration.

We also offer Degree Apprenticeships in Manufacturing Management and Electronic Design. Apprentices work as part of manufacturing teams and gain in-depth knowledge and skills in production and manufacturing engineering. Apprentices are critical thinkers and independent learners, able to solve complex design and engineering-related problems individually and in teams. Validated by Bournemouth University,

accredited by the Institution of Engineering Designers (IED) and delivered by Bournemouth & Poole College, the Apprenticeship has high industrial relevance and close ties with the requirements of local industry. Apprentices will work on 'live' projects and assignments related to and based on real experiences within their organisation.

thecollege.co.uk

bournemouth & poole the college

Automotive studies

From Level 1 to 3, from Trainee to Technician, we make it as easy as possible for you to progress in the Motor industry.

We work with national brands such as Westover Toyota, HP Transport Services, Westover Nissan and Verwood Ford. This is to make sure you receive the skills that motor employers are looking for giving you the best chance of getting a job when you qualify. We use industry-standard equipment, including modern light vehicles and up-to-date diagnostic equipment, so that you get hands-on experience throughout your time with us.

Working in the motor vehicle sector requires you to be enthusiastic and show ingenuity. You'll also interact with other disciplines in the engineering sector and the skills you learn are transferable to many other craft-related disciplines.

We offer qualifications in many subject areas including:

- Automotive studies at levels 1, 2 & 3
- Automotive light vehicle technician apprenticeship
- Automotive recycling operative apprenticeship

Some of our students go on to work in light vehicle maintenance, repair and fitting, or in HGV and PSV areas.

thecollege.co.uk

WEYMOUTH COLLEGE

Engineers consider their profession to be the greatest of all as they are responsible for almost everything that makes the world work.

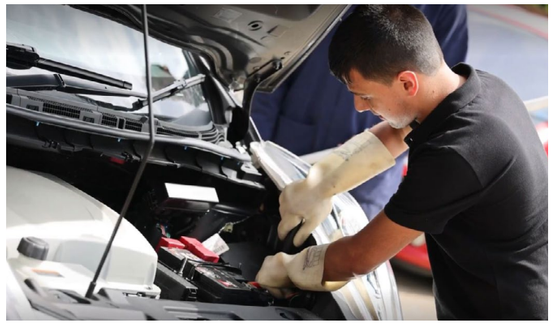
The sector is varied including electronics, mechanical, metals, transport and aerospace and opportunities for career development at all levels are diverse.

At Weymouth College we cover a wide range of skills areas including engineering operations, manufacturing engineering, general engineering, electrical and electronics, fabrication, welding and CAD.

Our students – who have access to 18 courses from Level 1 through the Level 4 – will experience and develop hands-on skills in modern working environment facilities guided by industry experienced teaching staff.

Strong industry links ensure that the skills experienced are both essential and work-ready as we aim to ensure each student is prepared to enter the employment market or progress to higher level study. Our Level 4 students have access to a dedicated and newly redeveloped campus-based higher education centre to facilitate and support their studies
In 2021 we opened our Centre of Excellence for Engineering which features industry-standard

Apprenticeship video >
youtube.com/watch?v=W6eHJu_WR_8&t=7s



machinery and a new digital media suite, allowing our Level 4 students and apprentices in particular to develop computer-aided-design (CAD) and modelling skills, work with 3D printers and use the most up-to-date equipment and software.

Local Industry links are particularly strong in this area and inform and support our day-to-day teaching and curriculum planning as we work together to ensure we are supporting our students – and our local employers – fully as they start their career journey.

Motor Vehicle

Weymouth College offers students a range of courses in vehicle systems, maintenance and repair from Level 1 to Level 3. Our motor vehicle students – and apprentices – work alongside our engineering students at early levels and will experience and develop skills which are transferable across several disciplines.

We work closely with local employers to inform and develop our curriculum and in late 2019 we opened our Motor Vehicle Centre of Excellence. The centre has enabled us to develop hybrid and fully electric vehicle facilities and build the teaching of these highly specialist skills into our curriculum – a direct response to a very real need highlighted by our local employer partners.

weymouth.ac.uk

PROUD TO SUPPORT GREAT BRITAIN & NORTHERN IRELAND

Support Packages

Companies locating to Dorset can take advantage of a comprehensive support package available through the Invest in Dorset Team.
Find out more at: dorsetlep.co.uk/invest-in-dorset

- Free bespoke commercial property searches including location advice, property viewing and familiarisation visits
- Introductions to legal, financial, commercial property specialists and their services
- Employment support - including labour market information, introduction to recruitment and training partners
- International trade advice
- Information regarding Trading Standards
- A tailored introduction service to Dorset is offered to help meet the requirements and relocation of staff and families
- Funding and assistance available within Dorset
- Business advice and networking
- Business mentoring
- Dorset Gateway provides local business information

Invest in Dorset Team

Invest in Dorset is a team of economic development professionals across Dorset dedicated to helping companies and investors identify investment or expansion opportunities in Dorset, ensuring they get all the support they need to be successful here.

Find out more at: dorsetlep.co.uk/invest-in-dorset

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