

TRURO & PENWITH COLLEGE BUSINESS

ENGINEERING

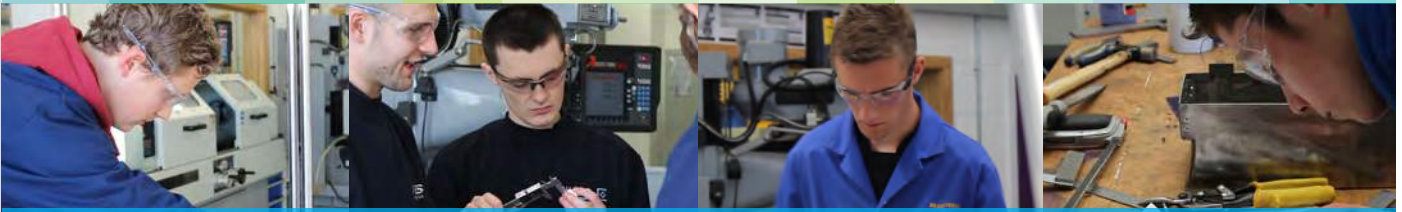
Computer Aided Design | Heating & Ventilation | Mechanical
Manufacturing | Mechanical Maintenance | Performing
Engineering Operations | Performing Manufacturing Operations



THE COLLEGE THAT WORKS



IN PARTNERSHIP
WITH THE CORNWALL
MANUFACTURERS
GROUP



ENGINEERING & MANUFACTURING

Our Engineering and Manufacturing Apprenticeships and training courses have been developed in partnership with leading engineering companies and are delivered in purpose built state of the art engineering facilities.

Performing Engineering Operations Level 2 Apprenticeship

Ideal for employers wishing to formalise current staff skills or train new apprentices, this flexible programme covers everything from composite mould manufacture to circuit board testing, heat treatment and more. The Performing Engineering Operations programme can be tailored to fit around your business regardless of the engineering activity.

Duration: 2 years

Dates: January & September 2015 – Truro College

Performing Manufacturing Operations Level 2 Apprenticeship

Designed for anyone from apprentice and trainee to manager level working in the manufacturing sector, this programme covers essential performing manufacturing operations skills such as inspection and testing activities, effective handover of manufacturing operations, finishing products and a wide range of other manufacturing processes.

Duration: 2 years

Dates: January & September 2015 – Truro College

Engineering Maintenance Level 2 Apprenticeship

Designed for those wishing to train in the maintenance sector of engineering, this programme will develop the essential skills required to carry out routine maintenance and understand complex systems and processes. Diverse areas of maintenance such as fluid power systems, process control equipment and air handling equipment can also be covered in line with business needs.

Duration: 2 years

Dates: January & September 2015 – Truro College

Computer Aided Design Introduction (Using Solid-Works) Level 1 Award

Ideal if you have some experience in engineering and/or technical drawing and are looking to develop your skills in the manufacturing or engineering industries. The course covers principles of the 2D/3D drawing environment in terms of hardware, software and physical surroundings plus one typical composition of a CAD system and production of a component.

Duration: 10 weeks

Dates: Mon 12 Jan 2015 (eve) - Truro College

Computer Aided Design Intermediate (Using Solid-Works) Level 2 Award

Progress from Level 1 and further develop your skills and ability in Computer Aided Design. The course covers principles of the 2D/3D drawing environment in terms of hardware, software and physical surroundings plus one typical composition of a CAD system and production of a component.

Duration: 15 weeks

Dates: Jan 2015 (eve) - Truro College

Computer Aided Design Advanced (Using Solid-Works) Level 3 Award

For those working in the engineering sector wishing to build on Level 2 training and move onto a professional platform of skills. Course includes applying advanced features and parts modelling, applying advanced assembly modelling, linking with external spreadsheets to create complex table driven parts and assemblies as well as applying advanced presentation graphics.

Duration: 15 weeks

Dates: Mon 14 Sep 2015 (eve) - Truro College

LEADERSHIP & MANAGEMENT

Leadership and Management in the Engineering and Manufacturing sector

Specifically designed to suit the needs of businesses in the engineering and manufacturing sector, this ILM Level 3 Management Award programme develops the skills and performance of first line managers, particularly focusing on essential leadership and management skills needed to improve productivity within the team through enhanced communication and problem solving techniques. This course can be delivered in community and industry settings and at locations and times that suits both employers and learners.

Duration: 5 days

Dates: January & March 2015

Project Management Level 3 Award

Develop skills in project management applicable to the Engineering and Manufacturing sector including preparation and planning; how to monitor progress effectively, project evaluation techniques, leading effective project meetings and the importance of agreeing purpose, scope, timescale, resource requirements, costs and budgets, aims and objectives to delivering successful projects.

Duration: 4 days

Dates: Wed 11 Mar 2015 - Tregye

Welding Skills Level 1 Awards

A new range of Welding Skills Awards designed to enhance and accredit employee welding skills. Delivered by an industry experienced trainer, these courses introduce core welding practices and enhance skills and knowledge of those with welding responsibilities in their current or future work role.

Available courses include:

- Metal Inert Gas Welding (MIG)

Duration: 2 days

- Tungsten Inert Gas Welding (TIG)

Duration: 2 days

- Manual Metal Arc Welding (MMA)

Duration: 2 days

Dates: January 2015

SUCCESS COURSES

Flexible, accessible and affordable degree level short courses designed to enhance your skills and give you detailed and invaluable knowledge to be implemented straight into your organisation.

Cost Control for Managers Level 5 SUCCESS Course

This university short course provides the skills needed to prepare and use financial information in order to assist in the management decision making process within a business. Through gaining an understanding of management accounting techniques managers and business owners will learn how to develop strategy and policy for their organisation.

Duration: 5 days over 12 wks / **Cost:** £750

Dates: Thur 15 Jan 2015 - Truro College

Employee Engagement (Motivational Management) Level 5 SUCCESS Course

This university short course covers the concept of Employee Engagement and how to apply it in your organisation. Learn about the 4 key aspects of engagement: Leadership, engaging managers, employee voice and integrity. Ideal for those involved with developing strategic policy within their organisation.

Duration: 5 days over 5 wks / **Cost:** £750

Dates: Fri 22 May 2015 - Truro College

Employment Law & Employee Relations Level 5 SUCCESS Course

This university short course teaches the key aspects of current employment law, including: contracts (how to comply with the law); grievance and disciplinary procedures; and discrimination (employers' obligations and liabilities). Case studies and interactive group discussions are used extensively.

Duration: 5 days over 12 wks / **Cost:** £750

Dates: Thur 29 Jan 2015 - Truro College

Organisation, Management & HR Level 4 SUCCESS Course

This university short course provides an overview of management and organisational theory in practice. It explores how organisation structure, culture and human resource management impact on business success. It will enable managers to review and improve organisational effectiveness and HR processes.

Duration: 5 days over 12 wks / **Cost:** £750

Dates: Tues 20 Jan 2015 - Truro College



Courses developed for CMG members

Andrew Foulks

Andrew has a career spanning over 27 years in engineering, most recently with PALL Redruth. Andrew has a wealth of experience including managing the establishment of operations across Europe, providing on and off-site technical support, working with suppliers supporting the setting up of new departments, recruiting and training Apprentices at the world leading filtration company, PALL. Passionate about transferring his skills and experience to his learners, Andrew is focused on enabling staff to progress and advance with technical, operational, quality management and people management skills that enable their businesses to progress. Andrew is involved in many aspects of engineering locally in Cornwall, contributing to local employers and the engineering industry as a whole.

Our Trainers

Our trainers are devoted to delivering the best training possible and have a wealth of industry experience



With Truro and Penwith College moving into the engineering sector, I believe the facilities it has to offer will encourage a new highly skilled generation of engineers. The apprenticeship scheme being provided has been developed with the local companies in mind to achieve the best training available for 21st century engineering.

Daniel Hutchings
Operations Manager, WES Ltd



 We have worked closely with Truro & Penwith College to develop a number of bespoke courses for CMG members which meet the criteria of the Local Respond Fund programme. The first of these is now being delivered and we look forward to continuing collaboration to mutual benefit. 

Ken Martin, Cornwall Manufacturers Group

HOW TO BOOK

Our Customer Service Team is always on hand to help:

- Find the course you're looking for
- Give you any further dates
- Check your funding eligibility
- Arrange bespoke training
- Fill you in on course information
- Provide free, impartial advice and guidance



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