

Manufacturing, Science & Engineering | Training Provision

Programme	Suitable for:	Webpage link:	Training Provider	Contact name	Phone Number	Email
APPRENTICESHIPS						
Engineering Operative L2	Designed for individuals seeking a career in the engineering and manufacturing sector, this apprenticeship develops core skills and knowledge transferable across a range of roles, including servicing and maintenance, machine operation, fabrication, fitting, and technical support. It's suitable for those looking to gain hands-on experience working individually or as part of a team, while adhering to safety, quality, and environmental standards, and combining practical workplace training with study.	Engineering Operative	Newbury OAS		01635 845 000	info@newbury-college.ac.uk
Lean Manufacturing Operative L2			OAS			
Data Technician L3			OxPEG			
Design & Draughtsperson L3			West Berkshire Training Consortium			
Engineering Fitter L3	Designed for individuals pursuing a career as a fitter within the engineering and manufacturing industry, this apprenticeship provides the skills, knowledge and behaviours required to succeed in roles such as mechanical, electrical, electronic, instrumentation, pipe, controls or systems fitter. It's suitable for those taking their first steps into the industry, combining workplace training with a mandatory Advanced Manufacturing Engineering qualification to ensure full technical competence.	Level 3 Engineering Fitter	West Berkshire Training Consortium Windsor Forest Colleges Group		01753 793000	info@windsor-forest.ac.uk
Engineering: Machine Technician L3			OAS			
Engineering: Mechatronics Technician L3			OAS Newbury?		01635 845 000	info@newbury-college.ac.uk
Engineering Support Technician L3			OAS Newbury?		01635 845 000	info@newbury-college.ac.uk
Engineering Technician L3			West Berkshire Training Consortium			
Maintenance & Operations Engineering Technician L3	This work-based apprenticeship develops technical and practical skills through on-the-job learning and weekly day-release. It's suitable for those seeking experience in electrical, mechanical, or electromechanical routes, while gaining expertise in product installation, assembly, repair, communication, industry regulations, and adapting to varied technologies and work environments.	Maintenance and Oper	Reading College(Activate Learning) Newbury West Berkshire Training Consortium		0800 612 6008 01635 845 000	https://reading.activatelearning.ac.uk/about-us/contact-us/ info@newbury-college.ac.uk
Mechatronics Maintenance Technician L3	This apprenticeship develops the skills, knowledge and behaviours needed to install, test, maintain and repair complex automated equipment. It's suitable for those seeking a career that blends electrical, electronic, mechanical, fluid power and control systems disciplines. Apprentices will gain experience working with a wide range of stakeholders across varied environments such as factories, hangars, workshops and outdoor settings.	L3 Mechatronics Maint	Windsor Forest Colleges Group		01753 793000	info@windsor-forest.ac.uk
Data Analyst L4			Oxford Professional Education	Caroline Maycock	07376 236 939	caroline@oxfordpeg.com
Digital Industries Network Engineer L4	Designed for individuals pursuing a career in network engineering, this role focuses on designing, installing, maintaining and supporting communication networks within and between organisations. It's suitable for those looking to develop expertise in network configuration, cloud technologies, administration and monitoring tools, while ensuring maximum performance, availability and technical support for users.	Lvl 4 Digital Industries	Windsor Forest Colleges Group		01753 793000	info@windsor-forest.ac.uk

Network Engineer L4		Abingdon & Witney College			
Engineering Manufacturing Technician L4	Designed for individuals pursuing advanced roles in the manufacturing and engineering industries, this apprenticeship develops expertise in engineering principles, manufacturing processes and technical problem-solving. It's suitable for those looking to enhance their skills to contribute effectively to production and process improvement.	Engineering Manufactu	Abingdon & Witney College	01235 555 585	enquiries@abingdon-witney.ac.uk
Data Engineer L5		OAS			
Data Scientist L6		OAS			
Digital & Technology Solutions Professional L6		OAS			
Embedded Electronic Systems Design & Development Engineer L6		Newbury		01635 845 000	info@newbury-college.ac.uk
Manufacturing Engineer L6		Newbury		01635 845 000	info@newbury-college.ac.uk
Product Design & Development Engineer L6		Newbury		01635 845 000	info@newbury-college.ac.uk
Engineer L7		ALET			
A Levels					
Chemistry L3	Designed for learners with a strong maths background and an interest in understanding how substances are made and behave, this A Level Chemistry course develops practical, numeracy and logical thinking skills. It's suitable for those aiming for healthcare or science-based degree courses, with study covering practical skills, foundations of chemistry, the periodic table, energy, organic and physical chemistry, and analysis.	Chemistry A Level - Bra	Bracknell & Wokingham College (Activate Learning)	0800 612 6008	Contact us - Bracknell and Wokingham College
		Chemistry A Level - City	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Chemistry A Level - Rea	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
			The Henley College	01491 579988	info@henleycol.ac.uk
			Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Computer Science L3		ALET			
			The Henley College	01491 579988	info@henleycol.ac.uk
			Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk

Further Mathematics L3		ALET			
Mathematics L3		ALET			
Physics L3	Designed for learners interested in understanding the fundamental laws of the universe, this course develops knowledge of forces, energy, electricity, photons, waves, and specialised topics such as cosmology, nuclei, fundamental particles, and medical physics. It's suitable for those aiming to progress to university study in physics, engineering, medicine, or other science-related degrees.	ALET Physics A Level - Bracknell & Wokingham College Physics A Level - City of Oxford College Physics A Level - Reading College The Henley College Windsor Forest Colleges Group	Bracknell & Wokingham College (Activate Learning) 0800 612 6008 Contact us - Bracknell and Wokingham College City of Oxford College (Activate Learning) 0800 612 6008 https://oxford.activatelearning.ac.uk/about-us/contact-us/ Reading College (Activate Learning) 0800 612 6008 https://reading.activatelearning.ac.uk/about-us/contact-us/ The Henley College 01491 579988 info@henleycol.ac.uk Windsor Forest Colleges Group 01753 793000 info@windsor-forest.ac.uk	0800 612 6008 Contact us - Bracknell and Wokingham College 0800 612 6008 https://oxford.activatelearning.ac.uk/about-us/contact-us/ 0800 612 6008 https://reading.activatelearning.ac.uk/about-us/contact-us/ 01491 579988 info@henleycol.ac.uk 01753 793000 info@windsor-forest.ac.uk	
Product Design L3		ALET			
Awards & Certificates					
Welding (City & Guilds MIG) L1		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Welding (City & Guilds TIG) L1		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Welding (City & Guilds MMA) L1		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Welding (City & Guilds MIG) L2		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Welding (City & Guilds TIG) L2		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Welding (City & Guilds MMA) L2		Welding City & Guilds 3	Welding City & Guilds Group	01753 793000	info@windsor-forest.ac.uk
Engineering Technical Certificate L2	Designed for learners preparing to progress onto the Level 3 T Level in Engineering, this programme develops foundational technical knowledge and industry-relevant practical skills. It's suitable for those looking to gain experience in areas such as engineering principles, workshop practice, maintenance, engineered systems, and manufacturing processes.	Engineering Level 2 Tech Engineering Level 2 Tech	City of Oxford College (Activate Learning) Reading College (Activate Learning)	0800 612 6008 0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/ https://reading.activatelearning.ac.uk/about-us/contact-us/
Engineering Extended Certificate L2	Designed for learners with an interest and aptitude for engineering, this one-year full-time course provides a foundation for progression to a Level 3 qualification or apprenticeship. It's suitable for those looking to build essential English, maths and employability skills in practical, industry-relevant contexts, while preparing for future employment across a wide range of engineering roles.		Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Applied Science BTEC Extended Certificate L3			Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Electrical Engineering (HNC) L4			Abingdon & Witney College	01235 555 585	enquiries@abingdon-witney.ac.uk
Engineering (Electrical & Electronic) (HNC) L4	Designed for learners pursuing a career in engineering, this two-year course develops essential knowledge and skills across a broad range of topics. It's suitable for those looking to build a foundation in engineering design, maths, project management, electrical and electronic principles in the first year, before progressing to production engineering, automation, robotics, PLCs, quality and process improvement, and electrical machines in the second year.	HNC Electrical & Electronic Courses/detail/level-2-first	Reading College (Activate Learning) Newbury	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
Electrical (Manufacturing) (HNC) L4	Designed for individuals seeking to develop expertise in manufacturing engineering, this Higher National Certificate provides in-depth study of key principles and practical skills. It's suitable for those looking to progress within their chosen profession or continue to further study.	Engineering (Manufacturing)	Newbury		
		HNC Mechanical Engineering	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/

Engineering (Mechanical) (HNC) L4	Designed for learners aiming to become engineering technicians, this HNC develops essential knowledge and skills across engineering design, maths, project management, and mechanical principles before progressing to fluid mechanics, thermodynamics, quality improvement, and production engineering. It's suitable for those looking to enhance career prospects or potentially progress to an HND with guidance from their personal tutor.	Engineering (Mechanic)	Newbury	01635 845 000	info@newbury-college.ac.uk
Mechanical Engineering (HNC) L4		Abingdon & Witney College		01235 555 585	enquiries@abingdon-witney.ac.uk
Engineering Higher National Certificate (HTQ) L4		Reading College (Activate Learning)		0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
Diplomas					
Engineering & Manufacturing Diploma L1	Designed for individuals looking to begin a career in engineering or progress to further study, this qualification provides a comprehensive introduction to engineering practices and processes. It's suitable for those taking their first steps into the industry, as well as those seeking hands-on experience to support a variety of career or education pathways in engineering.	Level 1 Diploma in Eng	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Machining L2	Designed for individuals interested in developing practical engineering skills, particularly in precision machining. This programme is suitable for those taking their first steps into the engineering sector, as well as those with some experience who want to strengthen and formalise their skills. Ideal for anyone aiming for a career in manufacturing, aerospace, automotive, or other engineering industries.	Machining Level 2	Newbury College	01635 845 000	info@newbury-college.ac.uk
Access to HE Diploma (Engineering Science) L3	Designed for students aiming to progress to university and a career in engineering or science, this course provides subject-specific tuition in physics, maths and chemistry. It's suitable for those looking to develop both academic knowledge and essential study, communication and personal skills, preparing them for higher education and a range of engineering professions, including structural, electronics, mechanical, quality assurance, and environmental engineering.	Access to HE Diploma	City of Oxford (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
Access to HE Diploma (Science) L3	Designed for learners interested in science, this pathway develops knowledge in chemistry, human biology and psychology while enhancing communication and study skills. It's suitable for those seeking a strong foundation for further study, with opportunities to explore classical chemistry, body systems, genetics, human behaviour, and to gain GCSE maths and English alongside the programme.	Access to HE Diploma	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
Access to HE Diploma (Science with Maths) L3		Access to HE Diploma	Newbury	01635 845 000	info@newbury-college.ac.uk
Applied Science BTEC Extended Diploma L3	Designed for learners interested in progressing to science or non-science degree courses or careers in the science industry, this full-time course provides a nationally recognised qualification in biology, chemistry and physics. It's suitable for those looking to build both theoretical knowledge and practical laboratory skills through units such as human physiology, genetics, biomedical science techniques and practical chemical analysis, preparing learners for higher education or employment.	detail/level-3-btec-nat	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Engineering Extended Diploma L3	Designed for trainees and apprentices in their first year of mechanical or production engineering, this course develops practical skills alongside essential knowledge in areas such as industrial studies, machine tool systems and materials. It's suitable for those looking to build on existing experience while progressing to more advanced techniques and procedures within the engineering field.	Engineering Level 3 Ext	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
Engineering National Foundation Diploma L3	Designed for individuals looking to progress into an engineering apprenticeship or continue to Level 3 study, this one-year full-time qualification provides a broad introduction to the engineering sector. It's suitable for learners aiming to gain an Extended Diploma in Engineering, while developing specialist knowledge alongside employability, problem-solving and interpersonal skills.	Level 3 National Extend	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Performance Engineering Extended Diploma L3	Designed for experienced HR professionals and senior leaders who are looking to advance their careers into strategic roles and influence organizational strategy. It's particularly suitable for individuals who aspire to roles like HR Director, Head of People, or HR Business Partner.	Level 3 National Found	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk

Engineering (Electric & Electronic) (HND) L5	Designed for individuals looking to advance their career in electrical and electronic engineering, this Higher National Diploma develops in-depth knowledge and practical skills across key sector areas. It's suitable for those seeking career progression or further study, it covers units such as research, professional engineering management, industrial power and electronics, industrial systems, sustainability, and advanced electrical and digital principles.	Engineering (Electrical)	Newbury	01635 845 000	info@newbury-college.ac.uk
Engineering (Manufacturing) (HND) L5	Designed for experienced HR professionals and senior leaders who are looking to advance their careers into strategic roles and influence organizational strategy. It's particularly suitable for individuals who aspire to roles like HR Director, Head of People, or HR Business Partner.	Engineering (Mechanic)	Newbury	01635 845 000	info@newbury-college.ac.uk
Engineering (Mechanical) (HND) L5	Designed for individuals working in the engineering industry who wish to develop advanced mechanical engineering skills, this Level 5 Higher National Diploma provides in-depth knowledge and practical expertise in key sector areas. It's suitable for those seeking career progression, a pathway to degree-level study, or enhanced professional competence.	Engineering (Mechanic)	Newbury	01635 845 000	info@newbury-college.ac.uk
Engineering National Foundation Diploma L5	Designed for experienced HR professionals and senior leaders who are looking to advance their careers into strategic roles and influence organizational strategy. It's particularly suitable for individuals who aspire to roles like HR Director, Head of People, or HR Business Partner.				
GCSEs					
GCSEs STEM (STEP)	Designed for learners aged 16–19 who are retaking or studying GCSEs for the first time, this course provides targeted support to improve grades. It's suitable for those aiming to progress into further education or training.	GCSEs STEM (STEP) - B	Bracknell & Wokingham College (Activate Learning)	0800 612 6008	Contact us - Bracknell and Wokingham College
		GCSEs STEM (STEP) - C	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		GCSEs STEM (STEP) - R	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
T Levels					
Design & Development for Engineering & Manufacturing (Mechanical) L3	Designed for individuals aspiring to start a career in engineering, this course provides a strong foundation in both theory and practical skills across key engineering disciplines. It's suitable for those looking to combine classroom learning with workshop training and a minimum 45-day industry placement, gaining the knowledge, technical skills and behaviours needed to succeed in this dynamic sector.	Design and Developme	Abingdon & Witney College	01235 555 585	enquiries@abingdon-witney.ac.uk
		T Level Design and Dev	The Henley College	01491 579988	info@henleycol.ac.uk
Design & Development for Engineering & Manufacturing (Electrical & Electronic) L3	Designed for individuals aspiring to start a career in engineering, this course provides a strong foundation in both theory and practical skills across key engineering disciplines. It's suitable for those looking to combine classroom learning with workshop training and a minimum 45-day industry placement, gaining the knowledge, technical skills and behaviours needed to succeed in this dynamic sector.	Design and Developme	Abingdon & Witney College	01235 555 585	enquiries@abingdon-witney.ac.uk
Engineering L3	Designed for learners seeking a comprehensive introduction to engineering and manufacturing, it develops knowledge and skills across mechanical, electrical and mechatronic principles, health and safety, mathematics, science, and business management. It's suitable for those looking to build a strong foundation before choosing a specialist pathway in Mechanical Engineering or Electrical and Electronic Engineering, while gaining practical experience in project management and industry-relevant practices.	Engineering T Level - Br	Bracknell & Wokingham College (Activate Learning)	0800 612 6008	Contact us - Bracknell and Wokingham College
		Engineering T Level - Ci	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Engineering T Level - Re	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
			Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
Laboratory Sciences L3	Designed for learners seeking a career or higher education in the sciences, this programme develops practical laboratory skills and in-depth knowledge of biology, physics, and chemistry. It's suitable for those looking to gain hands-on experience through occupational specialisms and extended work placements, while building research, analytical, data analysis, and communication skills for employment, apprenticeships, or further study.	Laboratory Sciences T1	Bracknell & Wokingham (Activate Learning)	0800 612 6008	Contact us - Bracknell and Wokingham College
		Laboratory Sciences T1	City of Oxford (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Laboratory Sciences T1	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
Degrees & Masters					
Engineering Design Degree BEng Hons) L6	Designed for individuals aspiring to a career in engineering design, including those interested in electrical and electronic, manufacturing, or mechanical pathways. It's suitable for those taking their first steps into higher-level engineering study, as well as those with existing experience looking to formalise their skills and broaden their expertise	BEng (Hons) Engineeri	Newbury College	01635 845 000	info@newbury-college.ac.uk

	<p>in modern methodologies, sustainability, and ethics.</p>			
Engineering MSc L7	<p>Designed for individuals with some prior experience in HR or management who are looking to enhance their skills and advance their careers. It's ideal for those currently in junior or mid-level HR roles or those with experience managing people in other areas who want to specialize in people management. This qualification helps individuals develop the knowledge and skills needed for more senior HR roles, such as HR Business Partner, Manager, or Specialist.</p>	Newbury College	01635 845 000	info@newbury-college.ac.uk