

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 L2	Newbury		01635 845 000	info@newbury-college.ac.uk
			OAS			
Lean Manufacturing Operative L2			OAS			
Data Technician L3			OxPEG			
Design & Draughtsperson L3						
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.		West Berkshire Training Consortium			
			West Berkshire Training Consortium			
		Level 3 Engineering Fitter	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 and Operations Engineering Technician L3	Reading College(Activate Learning)		0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
			Newbury		01635 845 000	info@newbury-college.ac.uk
Mechatronics Maintenance 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.					
			West Berkshire Training Consortium			
Data Analyst L4		L3 Mechatronics Maintenance Technician L3	Windsor Forest Colleges Group		01753 793000	info@windsor-forest.ac.uk
			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 Network Engineer L4	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						
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						
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.		ALET			
		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 - Reading	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

			ALET			
Further Mathematics L3						
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.	Physics A Level - Bracknell & Wokingham College (Activate Learning)	Bracknell & Wokingham College (Activate Learning)	0800 612 6008	Contact us - Bracknell and Wokingham College	
		Physics A Level - City of Oxford College (Activate Learning)	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/	
		Physics A Level - Reading College (Activate Learning)	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	
Product Design L3			ALET			
Awards & Certificates						
Welding (City & Guilds MIG) L1		Welding City & Guilds 3	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk	
Welding (City & Guilds TIG) L1		Welding City & Guilds 3	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk	
Welding (City & Guilds MMA) L1		Welding City & Guilds 3	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk	
Welding (City & Guilds MIG) L2		Welding City & Guilds 3	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk	
Welding (City & Guilds TIG) L2		Welding City & Guilds 3	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk	
Welding (City & Guilds MMA) L2		Welding City & Guilds 3	Windsor Forest Colleges 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 Technician Certificate	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/	
		Engineering Level 2 Technician Certificate	Reading College (Activate Learning)	0800 612 6008	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 Engineering	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/	
		Courses/detail/level-2-first-year	Newbury			
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 (Mechanical) L4	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 Engineering	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. <i>Ideal for anyone aiming for a career in manufacturing, aerospace, automotive, or other engineering industries.</i>	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 (Engineering Science)	City of Oxford (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Access to HE Diploma (Engineering Science)	Reading College (Activate Learning)	0800 612 6008	https://reading.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 (Science)	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Access to HE Diploma (Science)	Reading College (Activate Learning)	0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
			Newbury	01635 845 000	info@newbury-college.ac.uk
Access to HE Diploma (Science with Maths) L3					
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-national-diploma-in-applied-science	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 Extended Diploma	City of Oxford College (Activate Learning)	0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
		Level 3 National Extended Diploma	Windsor Forest Colleges Group	01753 793000	info@windsor-forest.ac.uk
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 Foundation Diploma	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.				

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.					
			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 (Mechanical)	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 Development	Abingdon & Witney College		01235 555 585	enquiries@abingdon-witney.ac.uk
		T Level Design and Development	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 Development	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 - 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/
		Engineering T Level - Reading College (Activate Learning)			0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
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.					
			Windsor Forest Colleges Group		01753 793000	info@windsor-forest.ac.uk
		Laboratory Sciences T Level - Bracknell & Wokingham (Activate Learning)			0800 612 6008	Contact us - Bracknell and Wokingham College
		Laboratory Sciences T Level - City of Oxford (Activate Learning)			0800 612 6008	https://oxford.activatelearning.ac.uk/about-us/contact-us/
Degrees & Masters		Laboratory Sciences T Level - Reading College (Activate Learning)			0800 612 6008	https://reading.activatelearning.ac.uk/about-us/contact-us/
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) Engineering Design	Newbury College		01635 845 000	info@newbury-college.ac.uk

	in modern methodologies, sustainability, and ethics.					
Engineering MSc L7	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.		Newbury College		01635 845 000	info@newbury-college.ac.uk