



LJCREATE™
Learning for life

→ 21st Century Engineering

Preparing engineers for the workplace

At LJ Create, we recognise that a successful learning environment has to fulfil the challenging demands of a range of industries. To close the skills gap, engineers must be **multi-disciplined**, **adaptable** and **confident problem solvers**. Using our educational resources, you can bring modern industry into the classroom for future engineers and technicians to practice these essential professional skills.

ljcreate.com

Electronics

Industry demands skilled technicians and design engineers. From beginner to advanced, develop the skills needed to assemble, configure, test and troubleshoot electronic systems.



Research, Design & Technology

Explore many applications, including green technology, telecomms, construction, manufacturing, agriculture and robotics. Solve challenges using the design loop along with maths and science skills.



Engineering Management

From basic employability skills to management, gain an understanding of business processes and develop the expertise needed to tackle common problems in the workplace.



Warehouse and Logistics

The management and distribution of goods requires critical thinking and a high degree of planning. Train for the logistical skills needed to optimise storage efficiency, loading, routing and stowage, and implement event-driven process chains.



Computer Programming

Develop application control systems using flowcharts, virtual 3D environments and C code, and build PIC® programs.



Mechanical and Fluid Power

Investigate machine principles, construct/operate fluid power control systems and explore manufacturing processes.



Control and Instrumentation

Harness ladder logic control and programming skills using industrial models and industrial standard PLCs.

