

Helping out with...

Distance Learning



CREATETM
Learning for life

We have packaged special trainers to support our online software with practical activities.

The trainers are supplied in robust, self-contained packages that can be posted out to your students - allowing them to tackle a wide variety of hands-on activities from home.

Mobile Electronics Workstation

See p3 for more detail

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Mobile PLC Trainer

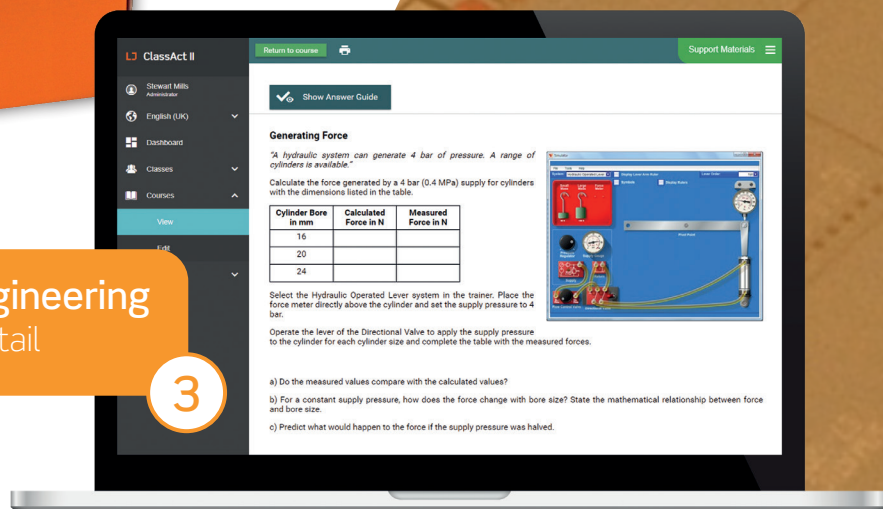
See p2 for more detail

1

Online Lessons for Engineering

See back page for more detail

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Industrial Control

Mobile PLC Trainer (291-04/SI)

This training system offers a platform that enables students to perform a comprehensive range of programming tasks culminating in the control of the unit using an industrial PLC.

The unit is designed to sort metal discs one at a time, checking them for a machined hole and dispensing them into one of two bins, based upon programming logic.

Order As:

291-04/SI Mobile PLC Trainer

Includes:

- Industrial Control Sorter Application
- Power Supply and USB Lead
- PLC Simulation Software
- Curriculum in Digital Format



Aligned to: Engineering BTEC (2016) Unit 36 - Programmable Logic Controllers



Analogue motor-controlled sorting disc with infrared hole detection sensor

Parts dispenser

Sorted parts bins

Siemens PLC - programs are developed in the Step 7 programming software on a PC and downloaded to the Siemens PLC to control the sorting disc

Manual control panel with sensor status indication

Electronics

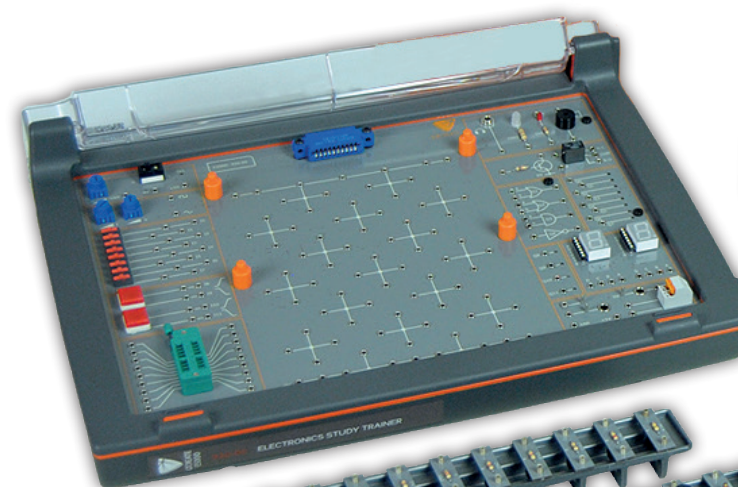
Mobile Electronics Workstation (320-10)

This mobile electronics workstation allows the practical study of a wide range of electronics subjects, including DC and AC circuits, semiconductors, analogue and digital systems, telecommunications and microcontrollers.

The workstation comprises an electronics study trainer and component set, and a range of plug-in experiment cards.

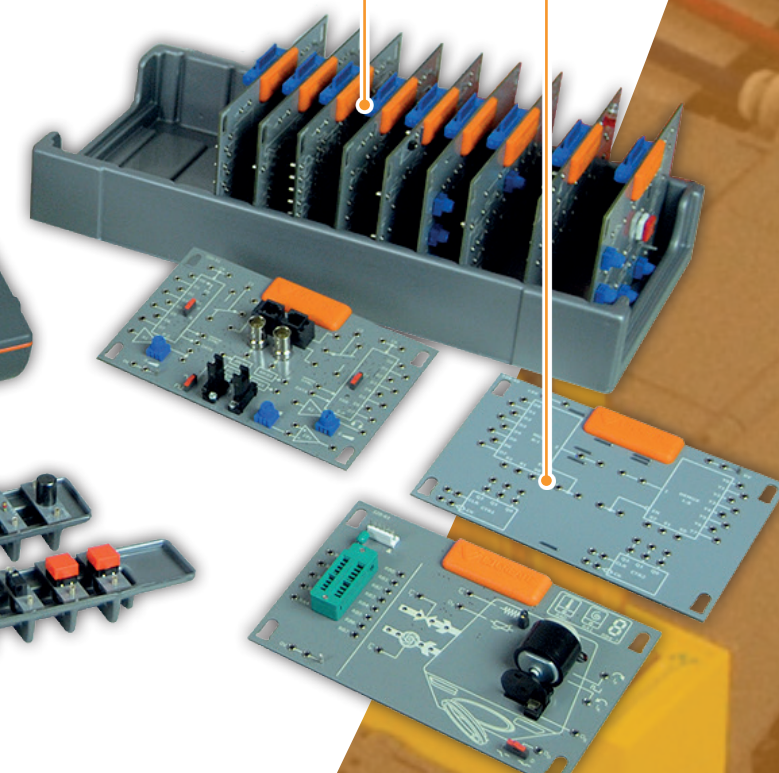


Aligned to 9x Engineering BTECs including: Unit 23 - Digital and Analogue Electronic Systems



Discrete electronic components mounted on carriers

Interchangeable experiment cards

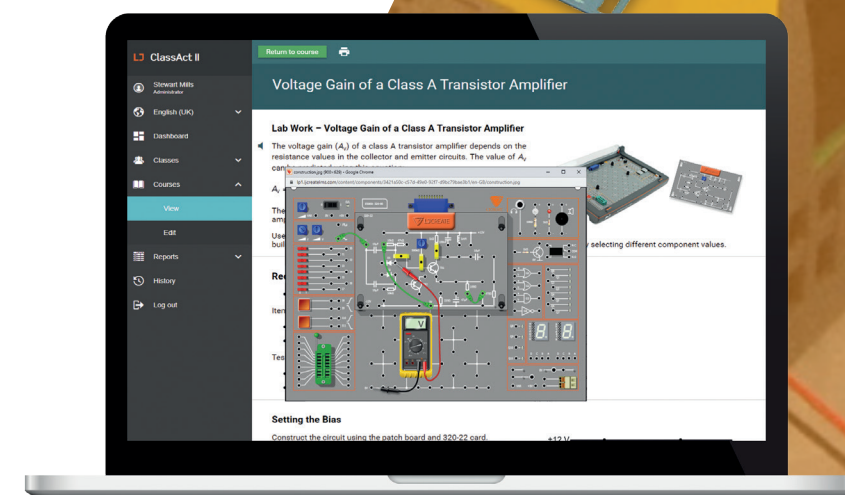


Order As:

320-10 Mobile Electronics Workstation

Includes:

- Study Trainer and Storage Case
- Experiment Cards (x13)
- Curriculum in Digital Format
- Component Set and Connection Lead Set



Online LMS

Engineering Software - Site License (ENG1/AL)

Available on an annual site licence basis, our Engineering content is packed full of ready-made **Vocational Courses and Lessons** for students aged 16+.

Lessons are integrated with our Learning Management System which automatically tracks and records the progress and attainment of your students, and the college's progress overall.

Order As: ENG1/AL Engineering Software Site License

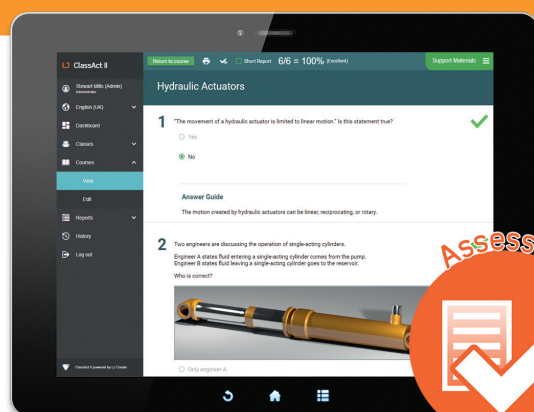
Includes:

- Access for as many students as you need
 - Access to over 100 courses aligned to BTEC, OCR, and EAL
 - Access to 1000's of library lessons (learning content not tied to any specific learning standards) including:
 - Fluid Power
 - Industrial Control
 - Manufacturing Engineering
 - Electrical Engineering
-and much, much more!

Presentations



Investigations



Assessments



If you'd like a call or a visit:
tel: +44 (0)1603 748001
email: info@ljcreate.co.uk

ljcreate.com