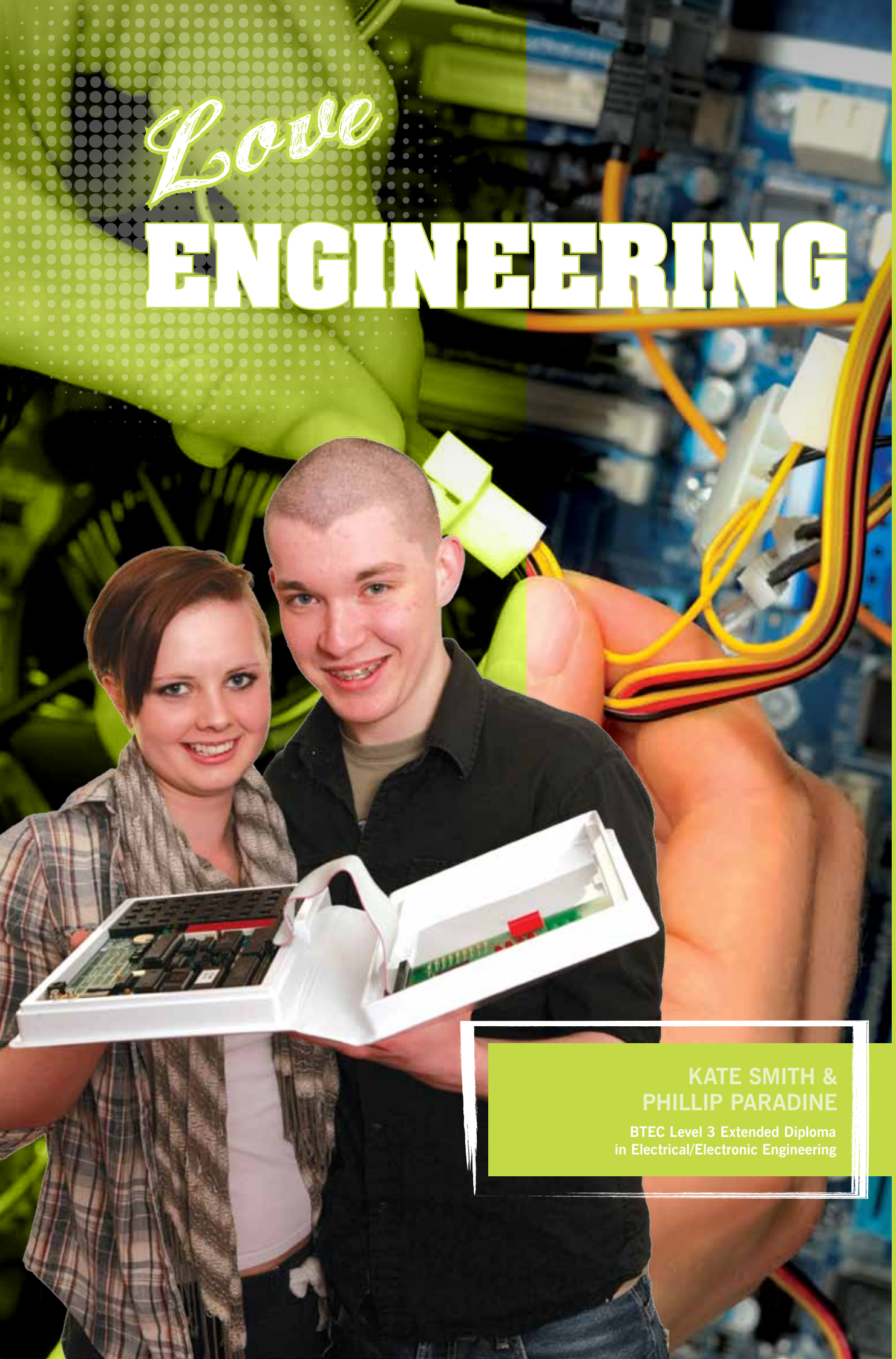

KATE SMITH &
PHILLIP PARADINE

BTEC Level 3 Extended Diploma
in Electrical/Electronic Engineering

Love ENGINEERING

Level 1 Performing Engineering Operations (PEO)

1 term full-time

This course may be studied as a stand-alone unit or combined with Level 1 Building Craft Occupations (BCO) as detailed in the Construction section of the prospectus. It covers an introduction to electrical wiring and mechanical workshop practice and is taught mainly through practical project work. Assessment is by a portfolio of work, mainly practical assignments supplemented by some written reports.

To complete the course successfully you will need to have:

- Interest and commitment
- Some practical ability

Level 2 and 3 Pre-Apprenticeship in Electrical Installation

Level 2 – 1 year full-time
Level 3 – ½ year full-time

This course aims to give students the practical skills and theoretical knowledge to enable them to gain employment or develop existing careers in electrical installation. It is taught by fully qualified electricians with up-to-date knowledge of recent experience in the industry. On completion of either Level 2 or Level 3, students are encouraged to move on to an Apprenticeship.

To complete the course successfully you will need to have:

- An interest in electrics
- A commitment to regular attendance and timely completion of homework
- Practical ability
- A good level of Mathematics

Level 2 Pre-Apprenticeship in Mechanical Engineering

1 year full-time

This course will lead to the achievement of two qualifications, Level 2 Performing Engineering Operations (PEO) and Level 2 Diploma in Engineering Technology. The course will cover practical skills in the engineering workshop and knowledge of mechanical engineering theory. Most students will be aiming to progress to a Mechanical Engineering Apprenticeship at Level 3.

To complete the course successfully you will need to have:

- An interest in mechanical engineering
- Good hand-eye coordination
- Some Mathematics ability

Love Motor Vehicle

All our motor vehicle courses are based at our nearby Masons Road workshops and are aimed at those looking to pursue a career in motor vehicle maintenance and repair.

Level 1 Diploma in Vehicle Maintenance

2 terms full-time

This course covers practical skills with some written work. Students are encouraged to organise work experience for the third term. Progression is on to the Level 2 full-time course or a Level 2 Apprenticeship.

To complete the course successfully you will need to have:

- Interest and commitment
- Some practical ability
- Some level of mechanical comprehension (this will be assessed by a short test)

This course may be combined with the Level 1 Performing Engineering Operations (PEO).

Level 2 Diploma in Vehicle Maintenance & Repair

1 year full-time

This course covers practical skills taught in the workshop and supporting knowledge taught in a classroom environment, often using computer-based activities. It forms the taught element of a Level 2 Motor Vehicle Apprenticeship. Progression is on to a Level 2 or Level 3 Apprenticeship or onto the Level 3 full-time course.

To complete the course successfully you will need to have:

- An interest in motor vehicle maintenance
- A commitment to regular attendance and timely completion of homework
- Practical ability
- A good level of mechanical comprehension (this will be assessed by a short test)

Level 3 Diploma in Vehicle Maintenance & Repair

2 years full-time

This course covers practical skills taught in the motor vehicle and mechanical engineering workshops and knowledge of theoretical principles taught in a classroom environment, often using computer-based activities. Progression is on to a Level 3 Apprenticeship.

To join the course you will need:

- GCSEs at grade C in Mathematics, English and Science or a Level 2 Diploma in Motor Vehicle
- A strong level of interest and commitment
- Good practical skills

Learn Something You Love

Love ENGINEERING

BTEC Level 3 Extended Diploma in Engineering

2 years full-time, equivalent to 3 A Levels

This course is designed for students considering a career in any branch of engineering. Some students who study this course may be looking to progress to university, possibly to study engineering or a related discipline. Others may be aiming to follow a career as an Engineering Technician.

The course provides a vocational alternative to A Levels and will appeal to international and UK students looking for a course of study with an emphasis on the more practical aspects of the subject. You will study a total of eighteen units during the two years of the course and these will be assessed by coursework assignments and possibly occasional short tests, rather than examinations.

In the first year you will cover a broad range of engineering topics to give a basis for specialisation in year two. The units will run concurrently with the BTEC Level 3 Extended Diploma in Electrical/Electronic Engineering. In the second year you will study more specialised units depending on the chosen engineering subject. A project worth two units will be undertaken and will be expected to reflect the student's own areas of interest.

Assessment:

Assessment tasks may include the production of portfolios, presentations, practical projects and staff observations. There will be a strong emphasis on the use of ICT as a learning tool. Your course will also include tutorial support, enrichment visits as appropriate and the opportunity to re-sit GCSE English if needed.

To join the course:

You will need at least one of the following:

- 4 GCSEs at grade C or above including Mathematics and English
- BTEC Level 2 Diploma in Engineering or related subject with an overall merit profile, plus GCSE English Language at grade C or above
- Other qualifications of equivalent standard

Mature students without formal qualifications who show commitment to the subject area may join the course following a successful interview.

BTEC Level 3 Extended Diploma in Electrical/Electronic Engineering

2 years full-time, equivalent to 3 A Levels

The field of Electrical and Electronic Engineering is changing and expanding constantly. There is a demand for well qualified personnel to fill the many varied job roles available both in Britain and throughout the world. This course is designed principally for students considering a career in electrical engineering or electronics or related disciplines such as computing or telecommunications. It is likely to appeal to students looking for a vocational course of study that is assessed by assignment work.

This course will be suitable for students wishing to progress to university to study at higher national diploma or degree level, or directly to a career as an Engineering Technician. The emphasis in lessons is on learning through both practical and written exercises and ICT will frequently be used as a learning tool.

In the first year you will cover a broad range of engineering topics needed to provide an understanding of all subjects relating to electrical/electronic engineering. The units will run concurrently with the BTEC Level 3 Extended Diploma in Engineering.

In the second year you will study more specialised units depending on the chosen engineering subject. A project worth two units will be undertaken and will be expected to reflect the student's own areas of interest.

Assessment:

Assessment tasks may include the production of portfolios, presentations, practical projects and staff observations. There will be a strong emphasis on the use of ICT as a learning tool. An individual project relating to one or more areas covered in the course will be completed in year two. Your course will also include tutorial support, Functional Skills ICT and the opportunity to re-sit GCSE English if needed.

To join the course:

You will need at least one of the following:

- 4 GCSEs at grade C or above including Mathematics and English
- BTEC Level 2 Diploma in Engineering or related subject with an overall merit profile, plus GCSE English Language at grade C or above
- Other qualifications of equivalent standard

Mature students without formal qualifications who show commitment to the subject area may join the course following a successful interview.