

21505 08 City and Guilds Carpentry and Joinery 21506 08 21507 08

Level 1
Level 2
Level 3

This course is specifically designed to provide you with the training and experience to become a full craftsman.

Course Duration
One year per level

Course Content

The course covers all aspects of:

- Carpentry and Joinery which includes site and bench joinery
- Use of Hand Tools
- Use of Portable Tools
- Use of Industrial Woodworking Machinery.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Level 1
There are no specific entry requirements.

Level 2
Three GCSEs at Grade D or a relevant Level 1 award.

Level 3

An appropriate Level 2 Award is required and also relevant industrial practice.

Study Centre

Kingsland Skills Institute, Houghton Regis

After the course is finished

These courses provide the opportunity for you to take your trade skills to the highest possible level. As well as providing you with full craftsman status they can provide the basis for technician level studies.

21205 08 City and Guilds Plumbing 21206 08 21207 08

Level 1
Level 2
Level 3

This course is specifically designed to provide you with the training and experience to become a full craftsman.

Course Duration
One year per level

Course Content

The course covers:

- Domestic Plumbing Practice
- Use of Hand Tools
- Lead Sheeting
- Unvented systems
- Water regulations.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Level 1
There are no specific entry requirements.

Level 2
Three GCSEs at Grade D or a relevant Level 1 award.

Level 3

An appropriate Level 2 Award is required and also relevant industrial practice.

Study Centre

Kingsland Skills Institute, Houghton Regis

After the course is finished

These courses provide the opportunity for you to take your trade skills to the highest possible level. As well as providing you with full craftsman status they can provide the basis for technician level studies.

21502 08 City and Guilds Furniture Making 21503 08 21504 08

Level 1
Level 2
Level 3

This course is specifically designed to provide you with the training and experience to become a full craftsman.

Course Duration
One year per level

Course Content

This award will take you from the introductory skills through to the advanced techniques in either production line-based or hand-crafted furniture.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Level 1
There are no specific entry requirements.

Level 2
Three GCSEs at Grade D or a relevant Level 1 award.

Level 3

An appropriate Level 2 Award is required and also relevant industrial practice.

Study Centre

Kingsland Skills Institute, Houghton Regis

After the course is finished

These courses provide the opportunity for you to take your trade skills to the highest possible level. As well as providing you with full craftsman status they can provide the basis for technician level studies.

21101 08 City and Guilds 2251 (Performing Engineering Operations) NVQ in Engineering

Level 1

This course is suitable for those who wish to pursue a career in Engineering and gain a recognised qualification. It provides essential job knowledge and understanding and leads on to further study.

Course Duration

One year
It is also available as a day release course over two years.

Course Content

The course consists of Core Vocational Units from a National programme in the fields of Electrical, Mechanical, Engineering and Welding, supported by appropriate qualifications in numeracy and literacy.

Students will study the following:

- Working Safely in an Engineering Environment
- Developing Yourself and Working with Other People on Engineering Activities.

Students will have the opportunity to choose two or more of the following options:

- Wiring and Testing Electrical Circuits
- Machining Engineering Materials
- Use of Hand Tools to make Engineering Components
- Welding and Joining of Metals.

Students must take responsibility for managing their own progress and compiling a portfolio of evidence demonstrating skill attainment. Students have access to well-equipped engineering workshops, computer and laboratory facilities for private study. There are external visits to local industry and technical establishments.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

No formal qualifications are required. All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

Students can progress to NVQ Level 2 in Mechanical, Electrical, Engineering or Welding, gain employment in the engineering industry, or obtain a placement on an Apprenticeship scheme.

21102 08 City and Guilds 2251 NVQ Mechanical/Production Engineering

Level 2

This highly practical course will develop your engineering skills further, preparing you either for work in the engineering sector or for further study.

Course Duration

One year
It is also available as a day release course over two years.

Course Content

The course consists of Core and Optional Units of the National Vocational programmes in the field of Mechanical/Production Engineering and a supporting City and Guilds qualification.

Students will study the following:

- Working Safely in an Engineering Environment
- Developing Yourself and Working with Other People on Engineering Activities
- Using and Communicating Technical Information
- Identifying and Selecting Engineering Materials.

Students must take responsibility for managing their own progress and compiling a portfolio of evidence demonstrating skill attainment. Students have access to well-equipped engineering workshops, computer and laboratory facilities for private study. There are external visits to local industry and technical establishments.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Four GCSE passes or equivalent qualifications or industrial experience. You should enjoy practical tasks whilst having an aptitude and enthusiasm for engineering and technology. All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

Students can gain employment in the engineering industry, go on to an Apprenticeship Scheme or further full-time study on a technician course.



21103 08 City and Guilds 2251 (Performing Engineering Operations) NVQ Electrical Engineering Level 2

This course is suitable for those seeking a career in Electrical/Electronic Engineering. It provides essential job knowledge and understanding.

Course Duration

One year
It is also available as a day release course over two years.

Course Content

The course consists of Core and Optional Units of the National Vocational Programmes in the field of Electrical/Electronic Engineering and a supporting appropriate City and Guilds qualification.

Students will study the following:

- Working Safely in an Engineering Environment
- Using and Communicating Technical Information
- Working Effectively in an Engineering Environment.

You will also choose two or more further options such as:

- Wiring and Testing Electrical Circuits
- CAD
- Electrical Support Systems
- Maintaining Electrical Equipment.

Students must take responsibility for managing their own progress and compiling a portfolio of evidence demonstrating skill attainment. Students have access to well-equipped engineering workshops, computer and laboratory facilities for private study. There are external visits to local industry and technical establishments.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Four GCSE passes or equivalent qualifications or industrial experience. You should enjoy practical tasks while having an aptitude and enthusiasm for engineering and technology. All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

Students can gain employment in the engineering industry, go on to an Apprenticeship scheme or further full-time study on a technician course.

85% pass rate in 2006/07

21104 08 City and Guilds 2251 NVQ Engineering Maintenance Level 2

This course is suitable for those seeking a career in Engineering Maintenance. It provides essential job knowledge and understanding.

Course Duration

One year

Course Content

The course consists of Core and Optional Units of the National Vocational Programmes in the field of Electrical/Electronic and Mechanical Engineering Maintenance and a supporting appropriate City and Guilds qualification.

Students will study the following:

- Working Safely in an Engineering Environment
- Developing Yourself and Working with Other People on Engineering Activities
- Using and Communicating Technical Information
- Erecting and Dismantling Access Structure
- Maintaining Mechanical Devices and Systems

- Maintaining Electrical Equipment and Systems
- Maintaining Electronic Equipment and Systems
- Moving Loads by Slings and Lifting.

Students must take responsibility for managing their own progress and compiling a portfolio of evidence demonstrating skill attainment. Students have access to well-equipped engineering workshops, computer and laboratory facilities for private study. There are external visits to local industry and technical establishments.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Four GCSE passes or equivalent qualifications or industrial experience. You should enjoy practical tasks while having an aptitude and enthusiasm for engineering and technology. All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

Students can gain employment in the engineering industry, go on to an Apprenticeship scheme or further full-time study on a technician course.



21105 08 (Manufacturing, Operations and Maintenance and Electronics) BTEC First Diploma in Engineering Level 2

This course prepares you for a career in the engineering sector and is directly relevant to the changing needs of employers. It provides a good progression route to more advanced qualifications. It is equivalent to four GCSEs at grades A-C.

Course Duration

One year

Course Content

A broad range of units are offered.

Examples of such units are:

- Mathematics
- Science
- Electronics
- Engineering Fundamentals
- Workshop Practices
- CNC Fundamentals
- Building and Testing Electronic Circuits
- Operations and Maintenance

- Engineering Processes & Techniques
- Drawing and CAD.

You will have an opportunity to improve your GCSE grades in English and Maths while at College.

Students have access to well-equipped engineering workshops, computer and laboratory facilities for practical tests.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

At least two GCSEs at Grade D or above. You must also have an aptitude and enthusiasm for engineering and technology.

All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

You can go on to the BTEC National Diploma in Engineering, an Apprenticeship Scheme or another technology-related course. Alternatively you can seek employment in the electrical, mechanical or maintenance engineering industry.

21106 08 BTEC National Diploma in Engineering Level 3

This is a practical, work-related course. You will learn by completing projects and assignments based on realistic workplace situations. You will develop skills needed for careers in engineering. This qualification is equivalent to three A Levels and leads to higher education or into employment.

Course Duration

Two years

Course Content

A wide range of units are offered on the Diploma programme to give students a range of opportunities in engineering. The Diploma includes six Core Units and a variety of Optional Units to meet the requirements of local industry. A total of 18 Units must be achieved to complete the course.

Examples of such units are:

- Engineering Systems
- Engineering Materials
- Science for Engineering
- Instrumentation and Control
- Electronic Systems
- Computer Systems and Applications.

engineering workshops, computer and laboratory facilities for practical work which may enable you to gain additional qualifications. There are external visits to local industry and technical establishments.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

You will need either:

- A minimum of four GCSE passes at Grade C (including English and Maths)
- A GNVQ Intermediate or
- A First Diploma.

Mature students require relevant industrial experience and/or an equivalent qualification.

You must also have an aptitude and enthusiasm for engineering and technology. All applicants will be invited to attend an interview.

Study Centre

Main site, Kingsway, Dunstable.

After the course is finished

On successful completion of the course, you go on to either a Foundation Degree in Mechanical, Manufacturing, Electrical or Electronic Engineering or an Apprenticeship or employment in an engineering - related field.



21401 08 City and Guilds Progression Award Motor Vehicle Repair & Maintenance Level 1

This is a "hands-on" course, ideal for those with an interest in Motor Vehicles and careers in this sector. It is ideal preparation for further study in this area or on other engineering-related courses.

Course Duration
One year

Course Content

- You will study:
- Basic Principles of Motor Vehicles
 - Maintenance and Servicing of Motor Vehicles
 - Use of Instruction Manuals
 - Welding
 - Repair and Maintenance of Bodywork.

Basic theory of a motor vehicle will also be covered.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

Applicants will need two GCSEs at Grade D and above in English and Maths, or relevant motor vehicle experience. All applicants will be invited to attend an informal interview.

Study Centre

Kingsland Skills Institute, Houghton Regis.

After the course is finished

On successful completion of this course, students can progress to an NVQ in Motor Vehicle Studies or to other engineering-related courses.

21402 08 City & Guilds 3901 Award in Automotive Vehicle Maintenance Entry Level 3

This course is for people with an interest in Motor Vehicle, who may not have any previous qualifications. You will gain the necessary skills to progress to a higher-level course in Motor Vehicle Studies or Engineering.

Course Duration
One year

Course Content

- Students will study the following:
- Engine Lubrication Systems
 - Engine Cooling Systems
 - Fuel and Exhaust Systems
 - Spark Ignition Systems
 - Electrical Systems
 - Braking Systems
 - Transmission Systems
 - Steering and Suspension Systems
 - Wheel and Tyre Systems
 - Body and Interior Cleaning.
- Students have access to well-equipped engineering workshops and computer facilities.

Key Skills

All students aged 16-18 are required to complete the three Key Skills Units in Communication, Application of Number and Information Technology.

Qualifications/experience needed to join the course

No formal qualifications are required but all applicants must be 16 years old or over. All applicants will be invited to attend an interview.

Study Centre

Kingsland Skills Institute, Houghton Regis.

After the course is finished

Students can progress to other engineering courses at the College.

Additional Information

To be awarded a full certificate a student must successfully complete all ten units.



Studies in engineering are also available as apprenticeships through our Chiltern Business Training Department. If you would like further information on how to combine your studies with work then please call our team on 01582 861607.

15201 08 English for Speakers of Other Languages (ESOL) Entry 1

This course offers the first stages of learning English - Reading, Writing, Speaking and Listening in a supportive environment.

Course Duration
One year

Course Content

Students will achieve an Edexcel Skills for Life ESOL qualification at Entry 1, completing units in Reading, Writing and Speaking and Listening.

Qualifications/experience needed to join the course

There are no formal entry qualifications needed to join the course. Applicants will be given an English assessment before the start of the course and placed on to a course appropriate to their level.

Study Centre

Main Site, Kingsway, Dunstable

After the course is finished

Students who complete the course successfully are able to progress on to an ESOL Entry 2 or ESOL Entry 3 Skills for Life qualification.

100% pass rate in 2006/07

15202 08 English for Speakers of Other Languages (ESOL) Entry 2

This course offers the second stage of learning English - Reading, Writing, Speaking and Listening in a supportive environment.

Course Duration
One year

Course Content

Students will achieve an Edexcel Skills for Life ESOL qualification at Entry 2, completing units in Reading, Writing and Speaking and Listening.

Qualifications/experience needed to join the course

There are no formal entry qualifications needed to join the course. Applicants will be given an English assessment before the start of the course and placed on to a course appropriate to their level.

Study Centre

Main Site, Kingsway, Dunstable

After the course is finished

Students who complete the course successfully are able to progress on to an ESOL Entry 3 or ESOL Level 1 Skills for Life qualification. In certain cases some students may be able to progress on to a Level 1 vocational qualification.

100% pass rate in 2006/07

15203 08 English for Speakers of Other Languages (ESOL) Entry 3

This course offers the third stage of learning English - Reading, Writing, Speaking and Listening in a supportive environment. After completion of this stage, employment could be sought.

Course Duration
One year

Course Content

Students will achieve an Edexcel Skills for Life ESOL qualification at Entry 3, completing units in Reading, Writing and Speaking and Listening.

Qualifications/experience needed to join the course

There are no formal entry qualifications needed to join the course. Applicants will be given an English assessment before the start of the course and placed on to a course appropriate to their level.

Study Centre

Main Site, Kingsway, Dunstable

After the course is finished
Students who complete the course successfully are able to progress on to an ESOL Level 1 or Level 2 Skills for Life qualification or a Level 1 vocational qualification. Successful students will also have attained a level of English appropriate to seeking employment.

