

Finchley College construction, Engineering, Surveying training courses

Our Engineering Surveying training courses are ideal for beginners, those seeking a career change, graduates, assistants, and junior engineers looking to advance their careers in construction engineering and surveying. We understand that embarking on a new job can be challenging, but we are here to support you every step of the way. With over 30 years of experience and training with more than 1,200 learners, we have developed expertise in training beginners effectively. You could earn between £150 and £250 per day over the course of a year.

Please choose one or more of the following courses.

Please see below our range of engineering surveying courses. All learners must have a good standard of English. Beginners can study courses 1 and 2 individually or both together, but to achieve the Diploma in engineering surveying qualification, they must complete all three classes (1, 2, and 3) either as a two-week block or over three months of weekend classes (the first three Saturdays and two Sundays of each month)

Fees: The fee for each course is £995 plus VAT; a £250 discount applies to the two-week full-time course covering all topics and the award of the Diploma qualification.

1-CITB assured courses Total Station for construction & Levelling	2- Engineering Surveying advanced level	3-ProQual Level 3 Diploma in Engineering Surveying for beginners
<p>This course is ideal for beginners, graduates, and junior engineers who require training in the principles of surveying and levelling, learning the use of Total Stations and levelling equipment.</p> <p>Entry requirements: Good standards of the English language Duration: one week full-time or three Saturdays and two Sundays Fee: £995 plus VAT</p> <p>Learning outcomes</p> <ul style="list-style-type: none"> • <u>Setting up the total station, carry out relevant calibration</u> • <u>Sources of error when using a total station</u> • <u>Techniques for improving and checking your accuracy and precision, view, edit, add, and delete data</u> • <u>Install a network of primary control points from scratch</u> • <u>Install accurate secondary control points (retro targets)</u> • <u>Create a local coordinate system</u> • <u>Measure and set out reduced levels with the total station</u> • <u>A range of methods for plumbing columns and walls</u> • <u>Set the position and orientation of the total station</u> • <u>take a topographical survey and record the results</u> • <u>Measure the distance and heights between points</u> • <u>Stake out points of known co-ordinates using the stake out</u> • <u>Stake out points in relation to a baseline using the reference line function</u> • <u>Import and export data</u> • <u>Relationship between Total Station and GNSS equipment</u> • <u>When to choose mechanical and robotic total stations</u> <p>Certification: CITB assured certificates</p>	<p>This course is an intensive training program for learners who have completed the CITB course on using Total Stations and GNSS competently and with confidence.</p> <p>Entry requirements: This is a fast-paced course and is not intended for beginners. Learners should ideally have completed the CITB Total Station and levelling course.</p> <p>Duration: 5 days, one week full-time, or three Saturdays and two Sundays in one month Fee: £995 plus VAT</p> <p>Learning outcomes</p> <ul style="list-style-type: none"> • Working safely on construction sites • Learning to operate manual and robotic Total Stations • Settings, menus, programs • Setting out piling, external works, groundworks, drainage, Reinforced Concrete (RC) frames, setting out holding down bolts for steel frames • Setting out ramps, calculating slopes, checking gradients • Setting out roads, both simple and complex • Level surveys by Total Stations • Understanding construction drawings • Extracting data from drawings, uploading to Total Stations • Exporting survey data to USB and AutoCAD • Using GNSS for surveying and setting out 	<p>This course is designed for beginners to work as competent engineers or land surveyors with nationally and internationally recognized qualifications. It will enable learners to apply for a Gold CSCS Card as an engineer Surveyor.</p> <p>Entry requirements: Applicants must have completed the CITB Total Station and levelling, as well as the advanced-level courses (1 and 2)</p> <p>Duration: 4 days, two Saturdays and two Sundays Fee: £995 plus VAT</p> <p>Learning outcomes</p> <ul style="list-style-type: none"> • Levelling by automatic, laser, and digital levels • Two-peg test, checking, and Calibrating instruments • Level surveys, establishing site datums, and TBMs • Establishing new site controls where none exist • Checking existing site controls • Converting coordinate systems from global to local and vice versa • GNSS for surveying, setting out, and site controls • One day of AutoCAD Training plus one year Autodesk student license <p>Qualification: ProQual Level 3 Diploma in Engineering Surveying</p>

Diploma in Engineering Surveying for beginners, 12-day, two-week block (Mon-Sat)

Fee: Three-month weekend course option 2995 plus VAT (£3595), (14 days), Pay in full or by three equal monthly instalments

Next start date: Saturday, 3rd of January 2026

Two-week full-time course option: £2745 plus VAT (£3350), (12 days), Payment in full only

Next start date: Monday, 5th of January 2026

Timetable

Week 1- Monday to Saturday			Week 2-Monday to Saturday		
Day 1	Introduction to Total Stations	Levelling and plumbing by Total Station	Day 7	Total Station programs	Setting out exercises
Day 2	Resection, surveying, and distance measurement	Setting out methods	Day 8	Setting out exercises	Setting out exercises
Day 3	Establishing a primary network	Installation of a secondary control network	Day 9	Setting out exercises	Assignment handed in and feedback
Day 4	Introduction to levelling	Practical levelling exercises	Day 10	Setting out exercises	Assignment handed in and feedback
Day 5	Levelling continued	Taping	Day 11	AutoCAD	AutoCAD
Day 6	GNSS	GNSS	Day 12	AutoCAD for engineers	Graduation ceremony

Level 3 Diploma in Engineering Surveying for existing engineers and surveyors, Fee: £1329 plus VAT (£1595)

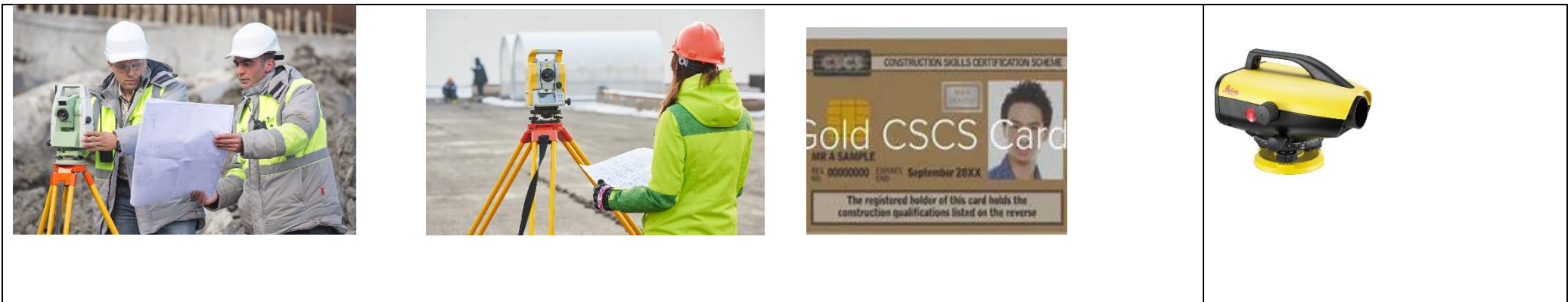
Learners will be able to apply for a Gold CSCS Engineer Surveyor card.

We offer a bespoke course tailored to the availability and commitments of existing engineers and surveyors. We can visit learners at their workplace for one to two days of practical assessments. They can attend college for two days to complete the remaining practical and theory tasks. Learners must submit answers to the knowledge questions of the award. They should ideally register at least two weeks in advance to study the course material before attending college.

What you will be learning: In this course, we will cover the fundamentals of surveying, including:

- Surveying mathematics Principles of Surveying Principles of levelling using automatic laser, and digital levels
- Traversing to establish and/or check site controls GNSS for surveying and setting out
- Please note that this course does not include setting out or Total Station training





Course contents: ProQual Level 3 Diploma in engineering surveying from beginner to advanced level plus knowledge questions of the award

1 Principles of surveying	2 <u>Levelling</u>	3 <u>Total Stations</u>	4 <u>GNSS</u>	5 Setting out methods
<ul style="list-style-type: none"> • <u>Pythagoras theorem</u> • <u>How Total Stations work</u> • <u>Calculating distances, bearings, angles, and heights</u> • <u>Calculating areas, volumes, and gradients</u> • <u>Working out coordinates from drawings</u> • <u>Understanding national and local grids</u> 	<ul style="list-style-type: none"> • <u>Principles of levelling</u> • <u>Levelling by automatic, laser, and digital levels</u> • <u>Two peg test calibrating levelling instruments</u> • <u>Levelling traverse</u> • <u>Establishing site datums and TBM's</u> • <u>Levelling by Total Stations</u> 	<ul style="list-style-type: none"> • <u>How Total Stations work</u> • <u>Distance and angle measurement</u> • <u>Rounds of angles</u> • <u>Traversing</u> • <u>Establishing site controls</u> • <u>Control Networks</u> • <u>Resection program</u> • <u>Creating local grid systems</u> 	<ul style="list-style-type: none"> • <u>How GNSS works</u> • <u>Advancements in technology</u> • <u>Static and RTK modes</u> • <u>Surveying and setting out by GNSS</u> • <u>Establishing site controls</u> • <u>Topographic surveys</u> 	<ul style="list-style-type: none"> • <u>Key instrument programs</u> • <u>Stakeout, Surveying, principles of setting out.</u> • <u>Setting out Piles, walls, columns, foundations</u> • <u>Measuring angles, distances, and heights</u>

To book this course, please pay by BACS to the college account, using your name as a reference, or pay online. www.finchleycollege.com

Finchley College (this is a business account) Sort code: 09-01-27, Account no. 44018113

For more information or to enroll, please get in touch with us:

Email: finchleycollege@yahoo.com, **Phone:** 07974 221155, 020 8143 8970, **Website:** www.finchleycollege.com

Some of our recent Trustpilot reviews

I recently completed the Engineering Surveying course at Finchley College, and it was a fantastic experience. The course was well-organized, very practical, and provided plenty of useful information.

I want to give special thanks to Reza, our teacher. He was brilliant, knowledgeable, and always professional. He explained everything clearly, made even the complex parts easy to understand and gave us real-world examples to help us learn. He was also very approachable and happy to answer any questions we had.

The college provided excellent equipment and hands-on training, which was very important for this type of course. The staff were also friendly and helpful whenever we needed support.

I would highly recommend Finchley College to anyone looking to study engineering surveying. It's a great place to learn and improve your skills.

Date of experience: 24 January 2025

What a pleasant experience.

Every part of this course is constructive and useful. Reza is highly knowledgeable, patient and most helpful. I would recommend Finchley College to anyone.

Date of experience: 04 November 2024

It's a really great college

It's a really great college. I'm doing there my ProQual NVQ Level 3 in Engineering Surveying.

The teachers are very professional and try their best to make you understand the subject. If student struggle in some areas teacher is always trying to put an extra effort to help him to learn or understand it better.

Apart from theory there are lots of practical exercises. You get full training and understanding of working with Leica Total station, dumpy, laser and digital levels, GNSS. Also it is easy to get to - just a few minutes walk from Finchley Central Station.

Date of experience: 08 October 2022

Pleased with the experience

I have recently been certified my ProQual Level 3 Diploma in Engineering Surveying at Finchley college. I am truly pleased with the experience and the help that has been provided by the team.

They are one of very few that qualify you for this certificate. If you're serious about your engineering career, Finchley college is where you start your journey.

Date of experience: 05 August 2024

Just a really great course

I'm pleased with my experience at Finchley College. The tutors are excellent—knowledgeable, and genuinely passionate about surveying. I was fortunate to have 1-2- training which meant I got the best possible training. The course was a mix of theory and practical, which was super helpful.

Reza has a wealth of knowledge that has literally taken a lifetime to accumulate, and I am really grateful for the help and transfer of some of that knowledge.

Date of experience: 06 April 2024

ProQual Level 3 Diploma in Engineering Surveying

I would like to share my experience and recommendations. Recently, I archived my engineering course with Finchley College in 2024 and completed my NVQ L3 Diploma in Surveying and Engineering.

Although I had been in engineering for the last ten years, I needed a formal qualification. I knew most of the things, but I still learned new techniques with the help of Reza and the college team. I am happy with the instructor and the team's experience, knowledge, and friendliness. I highly recommend attending Finchley College for your training. I have taken other courses in the past, but Finchley College training is the best and will give you deep learning in every subject of engineering and surveying. After completing the course, you should be more confident to work on your own, and at the same time, completing the course, you will be able to apply for a professional SCCS cold card, which no other training provider will give you this benefit.

Good luck to you and the training you may choose to take.

Best Wishes.

Best College for set-out Engineers

I came across Finchley College on their YouTube channel, where they've put free lecture videos. I decided to join the college and was met with friendly and knowledgeable staff. The program was flexible and adjusted for my learning needs. I was provided with online videos and eBooks, enough to cover all the aspects in order to become a set-out engineer. Arguably, I was offered more study material than the UNI I paid for way more. Having a professor so passionate about their work gave me the confidence to ask even the most trivial of questions to become a better engineer. All the students are welcome to drop by any time after graduation to ask questions that they may face in the field over their career as engineers, I can't remember any other school I've attended that welcomes past students like that. To me this is a big plus and thumbs up to Finchley College.

Date of experience: 24 January 2024

Don't miss out on junior engineer or surveyor job opportunities. Please check the [CV library](#) for setting out site engineer

jobs with pay rates of £200 to £350 p/d within a year or two of completing your course.

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