

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 more than 1,200 learners, we have developed expertise in effectively training beginners.

Learning Plans: We offer training courses for existing engineers seeking qualification to apply for a Gold CSCS Engineer Surveyor Card, beginners, and those wishing to transition into construction engineering surveying.

- 1) **The graduate training program is £ 1329 plus VAT, ideal for graduates and beginners. It includes two-unit certificates in GNSS and setting out. The duration is six days, the first three Saturdays and Sundays of any month.**

This course is designed to help graduates in building, civil engineering, and environmental courses learn to use Total Stations, set out, and conduct surveys. You will be able to demonstrate recent training and confirm your ability to survey and set out on-site, thereby improving your chances of success at job interviews. Due to its relatively short duration, learners will only receive two-unit certificates in GNSS and setting out, which is insufficient to apply for a gold CSCS engineer surveyor card.

- 2) **ProQual Level 3 Diploma in Engineering Surveying for beginners**

Beginner to advanced level is £ 2495 plus VAT- Duration: The first three weekends of each month for two months, followed by one day a month of extra support if required for up to four more months.

We train beginners to the standard of an engineer through extensive training in using total stations, which are the primary tools engineers and surveyors use. You will learn to use a wide range of surveying equipment, setting out and surveying techniques, and how to work as a junior site engineer or land surveyor with a full Diploma qualification, enabling you to apply for a Gold CSCS Engineer Surveyor card.

- 3) **The Beginner to an enhanced level is £3579 plus VAT, and the duration is the first three weekends of any month for three months.**

Enhanced learners start at 8:30 a.m. and study additional topics that help improve their CVs and chances of success in job interviews. Additional topics include AutoCAD, First Aid at Work, Quality Assurance, working as an engineer on construction sites, and Building Information Modelling (BIM). Following the end of the three-month course, learners can also spend one day a month for extra training if required.

- 4) **Bespoke training:**

The college is open on the first three weekends of every month, which enables us to offer bespoke training at the college or your workplace, on weekdays or weekends, to suit your needs. Please contact us for more information.

Entry requirements: This course does not require entry requirements except a satisfactory English language proficiency level, both verbally and in writing.







Post-training support

Lifetime telephone, email, and WhatsApp support

Arrange to visit the college for face-to-face support

Please send us your site drawings with any questions

- Key topics of the course. Principles of Surveying, Mathematics of Surveying, Levelling, two peg tests, introduction to Total Stations, basic surveying, and setting out

Principles of surveying	Levelling	Total Stations	GNSS	Setting out methods
<ul style="list-style-type: none"> <u>Pythagoras theorem</u> <u>How Total Stations use basic math to 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>Establishing local grids and coordinate systems</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>National and local grids</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>
<p>Final qualifications or certificates gained.</p> <p>ProQual Level 3 Diploma in Engineering Surveying to apply for a gold CSCS engineer surveyor card for advanced or enhanced learners only</p> 				<p>To book this course, please pay by BACS to the college account, using your name as a reference, or pay online.</p> <p>Finchley College (this is a business account) Sort code: 09-01-27 Account no. 44018113</p> <p>Alternatively, pay online, www.finchleycollege.com</p>

Finchley College timetable of engineering surveying courses

		Beginner to enhanced level, Fee: £3579 plus VAT, (£4295)	
		08:30 am to 11.00 am Extra classes for enhanced learners	11.30 am to 5.00 pm
Saturday	03 May 2025	Site engineering techniques	Unit 5311-GNSS- GNSS for surveying, setting out, and site controls, surveying mathematics
Sunday	04 May 2025	Construction Site Management	Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	10 May 2025	Building Information Modelling/Revit	Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	11 May 2025	Building Information Modelling/Revit	Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	18 May 2025	AutoCAD	Unit 5312- Setting out steel frame structures, holding down bolts, and math
Sunday	19 May 2025	AutoCAD	Principles of surveying
Saturday	07 June 2025	Site engineering techniques	Unit 5311-GNSS- GNSS for surveying, setting out, and site controls
Sunday	08 June 2025	Construction Site Management	Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	14 June 2025	Building Information Modelling/Revit	Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	15 June 2025	Building Information Modelling/Revit	Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	21 June 2025	AutoCAD	Unit 5312- Setting out steel frame structures, holding down bolts, levelling
Sunday	22 June 2025	AutoCAD	Principles of levelling
Saturday	05 July 2025	First Aid at Work	Unit 5311-GNSS- GNSS for surveying, setting out, and site controls
Sunday	06 July 2025	First Aid at Work	Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	12 July 2025	First Aid at Work	Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	13 July 2025	Building Information Modelling/Revit	Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	19 July 2025	AutoCAD	Unit 5312- Setting out steel frame structures, holding down bolts, traversing
Sunday	20 July 2025	AutoCAD	Traversing
		Post-training support: Practical training for one day per month for up to four more months if required.	

Timetable of lessons: Weekends 08:30 am to 5.00 pm, on the first three weekends of each month for three months.

Qualifications: ProQual Level 3 Diploma in Engineering Surveying, First Aid at Work

Further courses include site engineering techniques, building information modelling, AutoCAD, quality assurance, and construction processes.

		Beginner to advanced level, Fee: £2495 plus VAT (£2995)	
		08:30 am to 11:00 am	11:30 am to 5:00 pm
Saturday	03 May 2025		Unit 5311-GNSS- GNSS for surveying, setting out, and site controls, surveying mathematics
Sunday	04 May 2025		Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	10 May 2025		Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	11 May 2025		Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	18 May 2025		Unit 5312- Setting out steel frame structures, holding down bolts, and math
Sunday	19 May 2025		Principles of surveying
Saturday	07 June 2025		Unit 5311-GNSS- GNSS for surveying, setting out, and site controls
Sunday	08 June 2025		Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	14 June 2025		Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	15 June 2025		Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	21 June 2025		Unit 5312- Setting out steel frame structures, holding down bolts, levelling
Sunday	22 June 2025		Principles of levelling
One day per month of post-training practice		Learners can attend one day a month for up to four more months of further practical training if necessary.	

Lessons timetable: Times: 11.30 am to 5.00 pm, on the first three weekends of each month for two months

Post-training support: Practical training for one day per month for up to four more months

Duration: This course lasts from a minimum of two to a maximum of six months on weekends only

Qualification: This course includes all five ProQual Level 3 Diploma in Engineering Surveying units. Subject to satisfactory completion of assessments, it will lead to the **ProQual Level 3 Diploma in Engineering Surveying**, which learners can use to apply for a gold CSCS engineer surveyor card.

		6-day Graduate training program, Fee: £1329 plus VAT (£1595)	
			11:30 am to 5:00 pm
Saturday	03 May 2025		Unit 5311-GNSS- GNSS for surveying, setting out, and site controls, surveying mathematics
Sunday	04 May 2025		Unit 5312-Surveying, as-built surveys, topographic surveys
Saturday	10 May 2025		Unit 5312- Setting out drainage, groundworks, foundations, piles, and drainage
Sunday	11 May 2025		Unit 5312- Setting out in RC frame structures, walls, columns, service openings, lift shafts
Saturday	18 May 2025		Unit 5312- Setting out steel frame structures, holding down bolts, maths, levelling, or traversing
Sunday	19 May 2025		Surveying Mathematics, levelling, or traversing

Lessons timetable: Lessons will be held from 11:30 a.m. to 5:00 p.m. on the first three weekends of each month.

Duration: 6 days over three weekends

Certificates: This course includes two-unit certificates in Setting out and GNSS. Please note that unit certificates are insufficient to apply for a gold CSCS card.

Job Opportunities

Recent job advertisements in the CV Library show pay rates of up to £350 per day for setting out engineers and site engineers. Search for these roles in your area to see the potential career opportunities.

<u>Setting Out Engineer</u> £40,000 - £45,000/annum Competitive day rate considered N12, Woodhouse, Greater London Permanent	<u>Setting Out Engineer</u> £300/day E16, Custom House, Greater London Contract, Temporary	<u>Setting Out Engineer</u> £270 - £320/day South London, London Contract
<u>Setting Out Engineer</u> Salary: £340/day Location: BR1, Bromley Town, Greater London Job Type: Temporary	<u>Site engineer</u> Salary: £280 - £320/day Location: City of Westminster, Greater London Job Type: Contract	<u>Site Engineer</u> Salary: £270 - £330/day Outside IR35 Location: Barking and Dagenham, Greater London Job Type: Contract, Temporary
You may have to apply for junior engineer roles before progressing to setting out or surveyor roles a few months later as a trained and qualified engineer/surveyor with a gold CSCS Engineer Surveyor card.		

Contact Us

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

Email: finchleycollege@yahoo.com

Phone: 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 1-2-1 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 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.

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land-surveyors

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.