

Construction Engineering Surveying training courses

For beginners, we now offer our Engineering Surveying training courses through our sister company, “Site Engineering Recruitment (SER)”, to ensure learners have a good competency in surveying before joining the college for the qualification as per the requirements of the awarding body. Finchley College only provides training for graduates, existing engineers, and those who have completed their initial training with SER. These are ideal for beginners, those seeking a career change, graduates, assistants, and junior engineers looking to advance their construction engineering and surveying careers. 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 effectively training beginners. You could earn between £150 and £300 per day within a year.

We offer our courses in London every Saturday for 12 sessions, and two weeks every other month.

In Manchester, courses are provided as two blocks of 5 days in the third week of every other month (total 10-12 days)

- 1) The graduate training program- Fee: £ 1595, (Timetable: One week (Monday to Saturday) 1.00-6.30 pm).** This course is ideal for graduates and beginners, and it includes two-unit certificates in GNSS and setting out. 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. Learners can **achieve** two-unit certificates in GNSS and setting out only.
- 2) Beginners to advanced level—Fee: £2995.** Timetable: 1.00 to 6.30 pm. -**This course is delivered through SER** Learners have three months to complete this course; they can attend for 12 Saturdays or a block of two weeks. This provides intensive training for junior engineers, including total stations, GNSS, and levelling equipment. You will learn setting out and surveying techniques and how to work as a junior site engineer or land surveyor. The pass rate for this course is 70%
- 3) Beginner to an enhanced Fee: £3995 – Timetable- 08-30 am to 4.30 pm- This course is delivered through SER** We have engineering lessons every Saturday for two consecutive weeks. Unlike the advanced course, where learners could only attend 12 Saturdays or for two weeks, enhanced learners can attend both Saturdays and weekdays if they want to. They can also attend from 08.30 am for a longer daily training session and lectures on other subjects that help them work as competent site engineers/setting out engineers, or surveyors. Morning sessions include AutoCAD, Building Information Modelling (BIM), First Aid at Work, Quality Assurance, and working as an engineer. This group of learners will be trained to start work as engineers or surveyors rather than at an assistant level. The pass rate for this course is 95%. Learning will continue for a maximum of six months until qualification is achieved.
- 4) ProQual Level 3 Diploma in Engineering Surveying for existing engineers- Fee: £1695** This course is delivered through Finchley College. We will agree on a suitable timetable of lessons. This will include one to two days of training and assessment at the learners' workplace, followed by another one or two days at the college, leading to the award of the Diploma to apply for a gold CSCS card. Please note that this course does not include setting out training, as learners must be able to use Total Stations to join.





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.
Contact us from work by WhatsApp for support.

- 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	<u>Levelling</u>	<u>Total Stations</u>	<u>GNSS</u>	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 existing engineers, as well as 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 for the Engineering surveying courses- 12-day block, Saturdays or two weeks in May or July

Beginner to enhanced course			12 Saturdays over three months or a block of two weeks in one month, excluding Sunday, 08.30-4.30 pm				
Session no.	Dates	08.30 to 09.30 am	09-30 -12.30	Break 12.30-1.00	1.00 to 3.00 pm	3.15-4.30 Enhanced learners end at 4.30 pm	
1	Monday	05 May	AutoCAD	Induction, introduction to Total Stations- settings, programs, uploading data, setting out practice		Mathematics of Surveying	Induction, introduction to Total Stations- settings, programs, uploading data, setting out practice
2	Tuesday	06 May	AutoCAD	Setting out techniques, setting out points, such as piles, drainage, groundwork		Mathematics of Surveying	Setting out techniques, setting out points, such as piles, drainage, groundwork
3	Wednesday	07 May	Revit	Setting out techniques- Setting out walls, columns, lift shafts		Principles of levelling	Setting out techniques- Setting out walls, columns, lift shafts
4	Thursday	08 May	Revit	Setting out roads		Principles of levelling	Setting out roads
5	Friday	09 May	Construction drawings	Surveying- as-built surveys		Global/Local coordinate systems and conversions	Surveying- as-built surveys
6	Saturday	10 May	Site engineering techniques	GNSS practice		GNSS establishing site control	GNSS exercises
	Sunday						
7	Monday	12 May	AutoCAD	AutoCAD		Traversing	Setting out exercises
8	Tuesday	13 May	AutoCAD	Setting out techniques, setting out points, such as piles, drainage, groundwork			Setting out techniques, setting out points, such as piles, drainage, groundwork
9	Wednesday	14 May	Revit	Setting out techniques- Setting out walls, columns, lift shafts			Setting out techniques- Setting out walls, columns, lift shafts
10	Thursday	15 May	First Aid at Work	First Aid at Work (Learners who do not require First Aid training can continue practicing with Total Stations)		Principles of levelling	Traversing
11	Friday	16 May	First Aid at Work	First Aid at Work		Final assessments	Final assessments
12	Saturday	17 May	Visit by existing engineers.			Visit by existing engineers.	Course completion ceremony

London: This course is offered every Saturday as well as for two weeks in one month and one week the other. Enhanced learners can attend either or both.

Manchester: A block of 5 days with a repeat two months later (15 days in total). We offer a free repeat of the first week of this course to learners who need extra training to achieve the Diploma in Engineering Surveying qualification.

Beginner to advanced course			12 Saturdays over three months, alternatively two weeks in one month, excluding Sundays- 1.00 to 6.30 pm				
Session no.		Dates	08.30 to 09.30 am	09.30 -12.30	Break 12.30-1.00	1.00 to 3.00 pm	3.15-6.30
1	Monday	05 May				Mathematics of Surveying	Induction, introduction to Total Stations- settings, programs, uploading data, setting out practice
2	Tuesday	06 May				Mathematics of Surveying	Setting out techniques, setting out points, such as piles, drainage, groundwork
3	Wednesday	07 May				Principles of levelling	Setting out techniques- Setting out walls, columns, lift shafts
4	Thursday	08 May				Principles of levelling	Setting out roads
5	Friday	09 May				Global/Local coordinate systems and conversions	Surveying- as-built surveys
6	Saturday	10 May				GNSS establishing site control	GNSS practice
	Sunday						
7	Monday	12 May				Traversing	Traversing
8	Tuesday	13 May				Mathematics of Surveying	Setting out techniques, setting out points, such as piles, drainage, groundwork
9	Wednesday	14 May				Principles of levelling	Setting out techniques- Setting out walls, columns, lift shafts
10	Thursday	15 May				Mathematics of Surveying	Induction, introduction to Total Stations- settings, programs, uploading data, setting out practice
11	Friday	16 May				Final assessments	Final assessments
12	Saturday	17 May				Mathematics of Surveying	Setting out techniques, setting out points, such as piles, drainage, groundwork

This course is offered every other month in London for 12 days and 12 Saturdays, in Manchester for 5 days, with a repeat two months later (15 days total).

Graduate training program			7 Days- 1:00 to 7.30 pm				
Session no.		Dates	08.30 to 09.30 am	09.30 -12.30	Break 12.30-1.00	1.00 to 3.00 pm	3.15-6.30
1	Monday	05 May				Mathematics of Surveying	Induction, introduction to Total Stations- settings, programs, uploading data, setting out practice
2	Tuesday	06 May				Mathematics of Surveying	Setting out techniques, setting out points, such as piles, drainage, groundwork
3	Wednesday	07 May				Principles of levelling	Setting out techniques- Setting out walls, columns, lift shafts
4	Thursday	08 May				Principles of levelling	Setting out roads
5	Friday	09 May				Global/Local coordinate systems and conversions	Surveying- as-built surveys
6	Saturday	10 May				GNSS establishing site control	GNSS surveying and setting out

This course is offered every other month in London for six days and in Manchester for five days. Courses in London start on the first Monday of every other month. (May, July, Sept, Nov 2025)

Courses in Manchester start on the third Monday of every other month. (June, Aug, Oct, Dec 2025)

Learners can achieve a unit certificate in Setting out and another in GNSS.

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.

<p><u>Setting Out Engineer</u></p> <p>£40,000 - £45,000/annum Competitive day rate considered</p> <p>N12, Woodhouse, Greater London</p> <p>Permanent</p>	<p><u>Setting Out Engineer</u></p> <p>£300/day</p> <p>E16, Custom House, Greater London</p> <p>Contract, Temporary</p>	<p><u>Setting Out Engineer</u></p> <p>£270 - £320/day</p> <p>South London, London</p> <p>Contract</p>
<p><u>Setting Out Engineer</u></p> <p>Salary: £340/day</p> <p>Location: BR1, Bromley Town, Greater London</p> <p>Job Type: Temporary</p>	<p><u>Site engineer</u></p> <p>Salary: £280 - £320/day</p> <p>Location: City of Westminster, Greater London</p> <p>Job Type: Contract</p>	<p><u>Site Engineer</u></p> <p>Salary: £270 - £330/day Outside IR35</p> <p>Location: Barking and Dagenham, Greater London</p> <p>Job Type: Contract, Temporary</p>
<p>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.</p>		

Contact Us

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

Email: finchleycollege@yahoo.com

Phone: 07974 221155

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 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.

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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.