



# WEST MIDLANDS REGIONAL CONSTRUCTION INDUSTRY TRAINING PLAN

Pathways to Progression



West Midlands  
Combined Authority



Colleges  
West Midlands



CONSTRUCT



FIND YOUR  
FUTURE

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## Introduction

This 'roadmap for skills' sets out how the WMCA through the use of its Adult Education Budget (AEB) and working with partners, will support the growth of construction professionals across the region.

This regional plan mirrors our wider ambition for adult learning by providing a greater breadth of training at all levels, to not only those, who are looking to gain employment, but also for those, already in employment looking to develop their career or change their job.

We aim to ensure that the provisions offered will be flexible, whether it's full-time, part-time, on-the-job or off-the-job and appropriate, whether you are looking for your first ever job or looking to progress or change your career.

The plan has been developed in consultation with our training providers and regional employers and everyone will have the chance to retrain and update their skills to move into this growth sector.

## Construction in the West Midlands

Construction is a significant part of the local economy and is a major employer in the WMCA area. It's a key enabler of economic growth and job creation and has a significant impact on enhancing the built environment, creating the facilities required in a modern economy and addressing the shortage of housing and employment facilities.

Across the WMCA, there are a large number of construction projects planned and underway, ranging from HS2 to new homes. The construction sector will need to go further to meet its ambitions and this will include, embracing the digital and technological opportunities, improving skills and developing more intelligent commissioning and procurement systems.

## A healthier, fairer recovery

Our Recharge the West Midlands vision includes the ambition to increase the innovation in healthcare in the West Midlands through the acceleration of high-growth sectors to address the productivity gap, improve health outcomes and reduce regional health inequalities. The development of internationally recognised health technologies would increase the opportunities for residents.

Our community recovery prospectus equally sets out our approach to levelling up the West Midlands post pandemic and has six priorities – the things that are most important to our residents:

- Living safely with Coronavirus
- Accessing healthcare and improving physical health
- Mental health support
- Education and young people
- Jobs and training
- Local business and high streets

The construction sector plays a critical role across all of these and improving the skills of those who work in it and those seeking to work in it will aid our recovery.

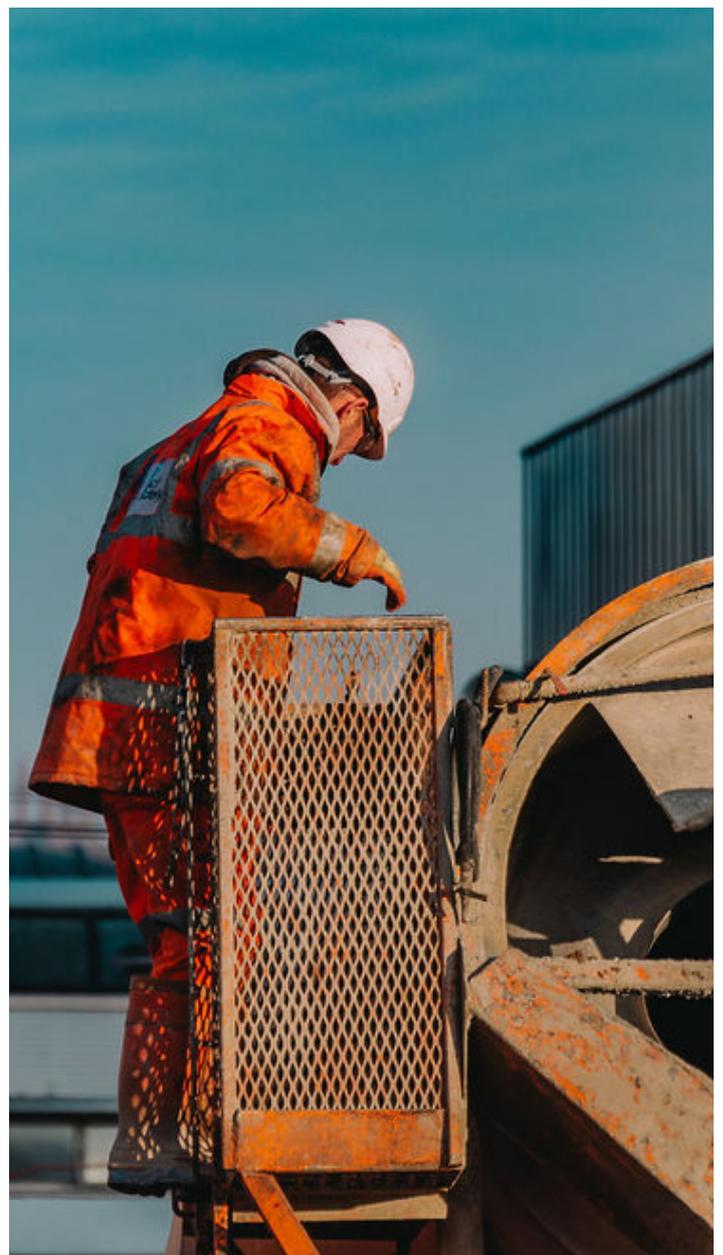
We know that young people, people from BAME communities, those working on the front line and those generally worse off in our society are disproportionately affected by COVID. Improved skill levels will, for many, improve their job prospects and earnings. The construction sector can lead the way in making this a reality.

## What is the ambition?

The ambition of the regional construction plan is to develop a regional offer that enables practical points of entry for those new to the sector and also provides a seamless workforce development and career progression pathway.

The plan aims to move residents into critical roles in the region, heightened by the pandemic and will go some way to tackle the region's unemployment, but also to raise awareness of the opportunities within these employment sectors.

Through a cohesive approach between training providers and the employers, it is envisaged that the training will truly meet the needs and specialities of the employers, whilst providing individuals with opportunities to grow and develop.



# What will we do?

We will increase the pathways and qualifications offered through AEB to match the jobs available.

WMCA already spends £8m of its devolved adult education budget on construction training and qualifications. Access is good across the region with 19 colleges and providers delivering WMCA designed Construction Gateway as well as individual qualifications, thereby, extending the range of training available to cover current and emerging occupations.

Currently, training is offered during the working day on a full-time basis which limits participation.

However, due to the pandemic, we have seen a more flexible approach being adopted by the sector with training being delivered online as well as on-site, supporting a blended learning approach.

We want to build on this experience and widen participation by offering more training utilising both, online and on-site training, hosted by regional projects so that, those in work, those with family or those with caring and other commitments, will still be able to fit training around their busy lives.

We will:

- Widen participation by offering more flexible learning options (part-time, accelerated, blended etc.)
- Increase the number of people in work accessing training and qualifications to improve their pay
- Increase the number and breadth of Construction Gateway programmes
- Offer ESOL for Construction courses through community learning providers and colleges
- Enhance participation in training and employment opportunities for BAME and female residents

## **Work with further education colleges, training providers and universities to increase pathways to higher education**

- To align the college and training provider

offer to allow progression to regional universities, ensuring our construction colleges work in collaboration to plan and deliver a robust training offer across the region and pathways

- To work with colleges to ensure their offer meets the regional skills demand in the sector.

## **Work with regional partners to develop a complementary training offer**

- Align the AEB offer alongside Apprenticeships and the CITB grant levy funded training to deliver a comprehensive training offer
- Work with DWP - JCP (Job Centre Plus) to offer all young people additional construction training to prepare them for jobs or apprenticeships
- Work with all sub contract partners of DWP to support those long-term unemployed looking to work in the construction sector
- Work with partners to improve referral arrangements and wrap around support for adults looking to progress into the construction sector - from entry level to higher level skills
- Develop ESOL for Construction programme so that it is accessible across the region

## **Work with employers, Local Authorities and anchor networks to increase opportunities for disadvantaged groups such as:**

- Young people
- Young people who are NEET (Not in Education, Employment or Training)
- Residents in low paid work
- Lived experience
- Women
- Social value commitments
- Anchor network employers
- Disabled young people
- Long-term unemployed
- Recently made redundant



# Jobs in the Construction Industry

Here are some examples of jobs available that relate to the levels of qualifications from the previous page.  
To see the full range of jobs available in the industry visit [Careers In Construction \(Construction Jobs List\) | Go Construct](#)



# Routes into Construction

With so many ways to enter a career in construction, it can be difficult to know where to start. Go Construct [Routes Into Construction](#) | [Go Construct](#) have put together some information on the main routes into the industry to help you figure out which is right for you.

## APPRENTICESHIPS

### Earn a wage whilst learning a specific job

- Take 1 - 5 years to complete
- Start your career straight out of school
- Time split between your employer and training provider
- Focus is on learning hands-on skills relating to a specific job role
- Over 100 roles can be entered through apprenticeships, with more being added
- Earn as you learn, with no tuition fees

### Blend classroom learning with a work based placement

- Courses last two years
- You'll gain a technical qualification
- A minimum of 45 days is spent in industry placements
- Choose from around 25 varied courses
- No tuition fees

## T LEVELS

## UNIVERSITY

### Study for an academic or vocational degree

- Full-time degrees take 3-4 years to complete
- You can apply for higher-level jobs after graduation
- Time spent in lectures and seminars or an individual study - or can be via distance-learning
- Focus is on academic study, although many construction-related degrees offer a year in industry

### Develop skills to prepare you for the future

- Course lengths vary - from weeks to years
- Gain further education and build technical, vocational or academic skills
- Most courses are free
- Study in person or online
- Study for NVQ's, City and Guilds, Higher National Diplomas, BTECs, A-Levels or GCSE's
- Prepare for a specific career path or higher level qualifications

## COLLEGE/TRAINING PROVIDER

## TRAINEESHIPS

### Get ready for the world of work

- Can last anywhere from 2 weeks to 6 months
- Prepare 16 - 24 year olds for work or an apprenticeship
- Provide hands-on work experience and support with preparing CV's and applying for jobs
- Boost literacy and numeracy skills
- Hundred of opportunities available
- Costs are covered by the government

### Gain industry insight and skills for your CV

- No limit to how long or short it can be
- Offers insights into the construction industry, so you can see if a job is for you
- Opportunity to pick up skills for your CV
- Chance to gain industry connections
- May be advertised by an employer, or you can arrange a placement yourself
- No costs involved

## WORK EXPERIENCE

# CSCS Cards

CSCS cards provide proof that individuals working on construction sites, have the appropriate training and qualifications for the job they do on site. By ensuring the workforce are appropriately qualified the card plays its part in improving standards and safety on UK construction sites.

Holding a CSCS card is not a legislative requirement. It is entirely up to the principal contractor or client whether workers are required to hold a card before they are allowed on site. However, most principal contractors and major house builders require construction workers on their sites to hold a valid card.

## CSCS cards come in 6 colours

- Green - Labourer
- Red – Temporary cards for those who are not qualified but in the process of achieving a recognised qualification
- Blue – Skilled Worker
- Gold – Advanced craft/Supervisory
- Black - Manager
- White – Academic or Professional qualified person

Each have their own training requirements including a relevant CITB Health, Safety and Environment test or training course to completed as well. Visit CSCS <https://www.cscs.uk.com/> for more information.



# Reignite your future

In response to the economic impact of the Covid-19 pandemic, colleges in the West Midlands have come together to work collaboratively for you. These training opportunities offer additional support for residents of the West Midlands following the impact on employment during the Covid-19 pandemic. The Regional Skills Recovery Programme consists of:

## Sector Based Work Academy Programmes (SWAPs)

Sign up to a Sector Based Work Academy Programme and accelerate your return to employment. Delivered in conjunction with employers who are recruiting, completing a SWAP will help you apply for a job in a new area of work. Work placements and employer support will help you develop your immediate and future skills needs, enabling you to gain employment. You could be back into work in no time and whilst you are retraining, you will not lose your benefits!

## Technical Training (free level 3 courses)

In conjunction with partners, we have identified sectors that are continuing to grow and increase their workforce despite the impact of Covid-19. We have worked with Colleges West Midlands to develop a range of free qualifications that offer technical training in construction and other industries that will enhance your education level and increase your skills so that you can pursue a career in those growth priority sectors. They are free, part-time courses that will enable you to upskill whilst you continue to work.

[CWM-Adult-mini-prospectus.pdf \(collegeswestmidlands.org.uk\)](https://collegeswestmidlands.org.uk/CWM-Adult-mini-prospectus.pdf)



## Courses and Apprenticeships available in the West Midlands

Level	Dudley College	Sandwell College	Walsall College	City of Wolverhampton College	BMet College	Solihull College and University Centre	South and City College Birmingham	Coventry College	Heart of Worcestershire College	South Staffordshire College
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### Level 2 Apprenticeships in the West Midlands

Bricklayer Apprenticeship	2	✓		✓	✓	✓	✓	✓	✓	✓
Building services engineering installer	2						✓			
Carpentry & Joinery Apprenticeship	2	✓		✓	✓	✓	✓	✓		✓
Construction assembly and installation operative Apprenticeship	2	✓			✓		✓			✓
Construction plant operative Apprenticeship	2	✓			✓	✓	✓			
Formworker	2						✓			
Groundworker	2			✓			✓			
Highways maintenance skilled operative Apprenticeship	2	✓		✓			✓			✓
Painter and decorator Apprenticeship	2	✓	✓	✓	✓	✓	✓	✓		✓
Plasterer Apprenticeship	2	✓	✓	✓	✓	✓	✓	✓		
Property maintenance operative	2			✓	✓		✓			✓
Rofer	2			✓						
Scaffolder	2			✓						
Wall & Floor Tiler Apprenticeship	2						✓			

### Level 3 Apprenticeships in the West Midlands

Advanced Carpentry & Joinery Apprenticeship	3	✓		✓	✓	✓	✓			
Building Services Design Technician Apprenticeship	3	✓			✓	✓	✓			
Building services engineering craftsman Apprenticeship	3	✓				✓	✓			✓
Civil Engineering Technician Apprenticeship	3	✓			✓	✓	✓			
Construction Management (Sustainability) Higher Apprenticeship	3	✓			✓		✓			
Construction Management Advanced Apprenticeship	3	✓		✓			✓			✓
Digital Engineering Technician Apprenticeship	3	✓								
Geospatial Survey Technician Apprenticeship	3	✓								
Installation electrician and maintenance electrician Apprenticeship	3	✓		✓	✓	✓	✓			✓
Plumbing and Domestic Heating Apprenticeship	3	✓		✓	✓	✓	✓	✓	✓	✓
Surveying technician	3						✓			

### Level 4 Apprenticeships in the West Midlands

Building services engineering technician	4						✓			
Construction and Building Services Management and Supervision (Sustainability) Higher Apprenticeship	4	✓			✓	✓	✓			✓
Construction design and build technician	4						✓			
Construction quantity surveying technician	4						✓			
Construction Site Engineering Technician Apprenticeship	4					✓	✓			
Construction site supervisor Apprenticeship	4			✓	✓	✓	✓		✓	✓

### Level 5 Apprenticeships in the West Midlands

Operations or Department Manager Apprenticeship	5			✓		✓				
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## Courses and Apprenticeships available in the West Midlands

	Level	Award Type	Dudley College	Sandwell College	Walsall College	City of Wolverhampton College	BMet College	Solihull College and University Centre	South and City College Birmingham	Coventry College	Heart of Worcestershire College	South Staffordshire College
<b>Construction Trade and Plant Provision in the West Midlands Level 1 Courses</b>												
Award in Health & Safety in a Construction Environment Level 1	1	Certificate	✓	✓	✓	✓	✓	✓				✓
Brickwork Award in Employability and Development Skills	1	Award	✓			✓	✓	✓	✓			✓
Brickwork Diploma Level 1	1	Diploma	✓		✓	✓	✓	✓	✓	✓	✓	✓
Carpentry & Joinery Diploma Level 1	1	Diploma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carpentry Award in Employability and Development Skills	1	Award	✓			✓	✓		✓			✓
Carpentry Construction Skills Level 1	1	Certificate	✓		✓	✓	✓	✓	✓			✓
Ceramic Wall & Floor Tiling Diploma Level 1	1	Diploma							✓			✓
Finishing Trades Introduction Level 1	1	Certificate							✓			✓
Metal stud partitioning, skimming, board and tape joints Level 1	1	Certificate	✓					✓	✓			
Multi-Skill Diploma Level 1	1	Diploma	✓		✓	✓	✓	✓		✓	✓	✓
Painting & Decorating Diploma Level 1	1	Diploma	✓	✓	✓	✓		✓	✓	✓	✓	
Plastering Diploma Level 1	1	Diploma	✓			✓	✓	✓	✓	✓	✓	
Trowel Trades Basic Construction Introduction City & Guilds (6219) Level 1	1	Certificate	✓		✓	✓	✓	✓	✓			✓
<b>Construction Trade and Plant Provision in the West Midlands Level 2 Courses</b>												
Basic Kitchen Fitting Level 1	2	Standard							✓			
Brickwork Diploma Level 2	2	Diploma	✓		✓	✓	✓	✓	✓	✓	✓	✓
Building Maintenance Operations Level 2	2	Diploma	✓	✓	✓	✓		✓				
Cable Avoidance (Cat and Genny) NPORS	2	NPORS	✓		✓	✓			✓			
Carpentry & Joinery Diploma Level 2	2	Diploma	✓	✓	✓	✓	✓	✓	✓		✓	✓
Carpentry (Site) Diploma – Level 2	2	Diploma	✓	✓	✓	✓	✓		✓	✓	✓	✓
Ceramic Wall & Floor Tiling Diploma Level 2	2	Diploma							✓			
Construction Industry Scaffolders Scheme (CISRS) Part 2 (Tube & Fitting)	2	License			✓							
Groundworks	2	NVQ	✓			✓			✓			
Interior Systems NVQ	2	NVQ		✓					✓			
Painting & Decorating Diploma Level 2	2	Diploma	✓	✓	✓	✓		✓	✓		✓	
Plastering Diploma Level 2	2	Diploma	✓	✓	✓	✓	✓	✓	✓		✓	
Roof Slating and Tiling Level 2	2	Standard	✓		✓				✓			
Scaffolding NVQ Level 2	2	NVQ			✓							
<b>Construction Trade and Plant Provision in the West Midlands Level 3 Courses</b>												
180 Excavator above 10 tonne Level 3	3	CPCS	✓			✓			✓			
180 Excavator below 10 tonne (NPORS)	3	NPORS	✓						✓			
360 Excavator above 10 tonne (NPORS) Level 3	3	NPORS/ CPCS	✓			✓		✓	✓			
360 Excavator below 10 tonne (NPORS) Level 3	3	NPORS/ CPCS	✓			✓		✓	✓			
360 Micro Excavator (NPORS) Level 3	3	NPORS				✓			✓			
Cable Avoidance (Cat and Genny) NPORS Level 3	3	NPORS				✓		✓	✓			
Carpentry Diploma Level 3	3	Diploma	✓	✓	✓	✓		✓	✓		✓	✓
Fork Lift Truck (counter Balance) NPORS Level 3	3	NPORS							✓			
Forward Tipping Dumper Level 3	3	NPORS/ CPCS	✓			✓		✓	✓			
MEWP Mobile Elevated Work Platforms (Boom and Scissor) NPORS Level 3	3	NPORS							✓			
Mobile Towers (NPORS) level 3	3	NPORS							✓			
Painting & Decorating Diploma Level 3	3	Diploma		✓	✓	✓		✓	✓			
Plant Marshalling Course (NPORS) Level 3	3	NPORS							✓			
Plastering Diploma Level 3	3	Diploma	✓			✓			✓			
Plastering NVQ (Work Based) Level 3	3	NVQ	✓			✓			✓			
Road Roller (NPORS) Level 3	3	NPORS/ CPCS				✓		✓	✓			
Rough Terrain Masted Forklift	3	CPCS	✓									
Slinger/ Signaller	3	CPCS	✓						✓			
Telescopic Handler	3	CPCS	✓						✓			
Tiling NVQ (Work Based) Level 3	3	NVQ							✓			✓
<b>Construction Trade and Plant Provision in the West Midlands (no level attached)</b>												
2 Day Scaffolder Refresher/ CPD Course (Renewal Process)	N/A	License			✓							
CITB HS&E Test taken within 2 years (or accepted exemption)	N/A	License			✓				✓			
Construction Industry Scaffolders Scheme (CISRS) 1 Day Skills Test	N/A	License			✓							
Construction Industry Scaffolders Scheme (CISRS) Part 1 (Tube & Fitting)	N/A	License			✓							
Construction Operative Training Scheme (COTS)	N/A	License			✓							
PASMA Towers for users Course	N/A	PASMA	✓						✓			

# Courses and Apprenticeships available in the West Midlands

	Level	Award Type	Dudley College	Sandwell College	Walsall College	City of Wolverhampton College	BMet College	Solihull College and University Centre	South and City College Birmingham	Coventry College	Heart of Worcestershire College	South Staffordshire College
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands Level 1 Courses</b>												
Construction Skills (Electrical) Certificate Level 1	1	Certificate			✓	✓	✓		✓			✓
Construction Skills (Plumbing) Certificate Level 1	1	Certificate	✓		✓	✓	✓		✓			✓
Electrical Installation Diploma Level 1	1	Diploma	✓	✓	✓	✓	✓	✓	✓	✓		✓
Electrical Installation Introduction City & Guilds Diploma Level 1	1	Diploma	✓		✓	✓	✓		✓			✓
Gas Diploma Entry Level 1	1	Diploma							✓			✓
New Roads and Street Works	1	Certificate			✓							
Pathway to Gas	1	Award					✓		✓			✓
Plumbing Diploma Level 1	1	Diploma	✓	✓	✓	✓	✓		✓	✓	✓	✓
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands Level 2 Courses</b>												
Electrical Installation (2365) Diploma Level 2	2	Diploma	✓		✓	✓	✓	✓	✓	✓		✓
Electrical Installations Diploma Level 2	2	Diploma	✓		✓	✓	✓		✓			✓
F-Gas and ODS Category 1 Regulations Award Level 2	2	Certificate	✓						✓			✓
F-Gases for Refrigeration and Air Conditioning City & Guilds Level 2	2	C&G	✓						✓			✓
Heating & Ventilating Diploma Level 2	2	Diploma	✓						✓			✓
Installing, Testing and Maintaining Air Conditioning Diploma (6187-01) Level 2	2	Diploma	✓						✓			
Pipework Systems Mechanical Engineering Level 2	2	Diploma	✓									✓
Plumbing Diploma Level 2	2	Diploma	✓	✓	✓	✓	✓		✓	✓	✓	✓
Refrigeration Maintaining Systems Diploma (6187-02) Level 2	2	Diploma	✓						✓			
Smart Metering - Dual Fuel (7428-23) Diploma Level 2	2	Diploma							✓			✓
Unvented Hot Water Level 2	2	Certificate	✓		✓		✓		✓			✓
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands Level 3 Courses</b>												
Abrasive Wheels	3	Certificate			✓							
Building Information Modelling – Level 3	3	Diploma	✓									
Building Services Engineering (Heating Ventilation & AirCon) BTEC Diploma Level 3	3	Diploma	✓						✓			
Carbon Monoxide Detection Domestic Assessment (CMDDA1)	3	Certificate	✓				✓					✓
Central Heating & Water Boilers (CENWAT)	3	Certificate	✓				✓		✓		✓	✓
Civil Engineering BTEC Diploma Level 3	3	Diploma	✓		✓	✓		✓	✓			✓
Commercial Catering Appliances	3	Certificate	✓									✓
Commercial Catering Gas Safety	3	Certificate	✓									✓
Construction BTEC Diploma Level 3	3	Diploma	✓		✓			✓	✓			✓
Construction BTEC Extended Diploma Level 3	3	Extended Diploma	✓	✓	✓	✓		✓	✓			✓
Electrical Installation (2365) Diploma Level 3	3	Diploma	✓		✓	✓	✓	✓	✓	✓		✓
F Gas 2079 Refrigeration	3	Certificate	✓						✓			✓
FCR Level 3 Plumbing and Heating 6189-33	3	Certificate	✓		✓				✓			✓
Gas Domestic Appliances installation, exchange, disconnection, service and repair	3	Certificate	✓				✓		✓			✓
Gas Domestic relating to the installation, commissioning and servicing of the domestic gas appliances	3	Certificate	✓				✓		✓			✓
Gas Engineering Operative	3	Standard					✓		✓			
Gas Non Domestic Appliances commercial gas appliances and gas safety	3	Certificate	✓				✓					✓
Gas Non Domestic commercial gas appliances and gas safety	3	Certificate	✓				✓					✓
Gas Safe - Accredited Certification Scheme (ACS) CCN1	3	Certificate	✓		✓		✓		✓		✓	✓
Gas Utilisation Diploma (6014-55) Level 3	3	Diploma	✓						✓			✓
Gas Utilisation Technical Installation Engineer Diploma Level 3	3	Diploma	✓						✓			✓
Petrol Driven Cut Off Saws (PDCOS)	3	Award			✓							
Plumbing and Domestic Heating Technician	3	Standard							✓			
Plumbing Diploma Level 3	3	Diploma	✓		✓	✓			✓	✓		✓
SMSTS - Site Managers Safety Training Scheme	3	Certificate			✓							
SSSTS - Site Supervisors Safety Training Scheme	3	Award			✓							
Surveying Technician Apprenticeship	3	Standard						✓	✓			
Temporary Works Coordinator	3	Award			✓							
Tightness Testing & Purging Gas Safety Assessment	3	Certificate	✓				✓		✓			✓
Water Regulations Level 3	3	Certificate	✓		✓		✓		✓			✓
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands Level 4 Courses</b>												
Building Information Modelling HNC Level 4	4	HNC	✓									
Civil Engineering HND	4	HNC	✓			✓		✓	✓			✓
Construction and the Built Environment HNC	4	HNC	✓		✓			✓	✓			
Construction and the Built Environment Surveying HNC	4	HNC	✓						✓			
Construction BTEC Subsidiary Diploma Level 4	4	Subsidiary Diploma	✓					✓	✓			✓
HNC in Building Services Engineering (Heating Ventilation and AirCon) Level 4	4	HNC						✓	✓			✓
HNC in Building Services Engineering Level 4	4	HNC	✓					✓	✓			
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands Level 5 Courses</b>												
Civil Engineering HNC	5	HND	✓			✓		✓	✓			✓
Construction and the Built Environment HND	5	HND	✓			✓		✓	✓			
Construction and the Built Environment Surveying HND	5	HND	✓					✓	✓			
HND Building Services Engineering (Heating Ventilation and Air Conditioning or Electrical) Level 5	5	HND						✓	✓			✓
HND Building Services Engineering Level 5	5	HND	✓					✓	✓			
<b>Building Engineering Services, Professional and Civil Provision in the West Midlands (no level attached)</b>												
18th Edition Wiring Regulations	N/A	Certificate	✓		✓	✓	✓	✓	✓			✓
Autodesk Revit Architecture Essentials (BIM)	N/A	Certificate	✓									
Autodesk Revit Architecture Fundamentals	N/A	Certificate	✓									
Control Circuitry	N/A	Certificate	✓									✓
Electrical 2391 Testing and Inspection	N/A	Certificate	✓		✓	✓	✓		✓			✓
Electrical 2396 Design and Verification of Electrical Installations	N/A	Certificate	✓				✓		✓			✓
Installation and Maintenance of Small Scale Solar Photovoltaic Systems Award (2399)	N/A	Award	✓									✓
PAT Testing (2377)	N/A	Certificate	✓			✓			✓			✓
S & Y Plans	N/A	Certificate	✓									✓
Virtual Reality in Construction (Introduction)	N/A	Certificate	✓									
Combi Boiler Fault Finding	N/A	Certificate	✓						✓			✓
Core Domestic Gas Safety & Appliances	N/A	Certificate	✓		✓				✓			✓
ESOL Plumbing	N/A	Certificate							✓			✓

## Courses and Apprenticeships available in the West Midlands

Level	Award type	University of Birmingham	Birmingham City University	Coventry University	University of Wolverhampton	University of Warwick
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### Professional and Civil Provison in the West Midlands

Advanced Engineering Management - MSc: Construction Management	7	MSc	✓				
Advanced Mechanical Engineering - MSc	7	MSc			✓		
Architectural Design - HND	5	HND				✓	
Architectural Design Technology - BSc (Hons)	6	BSc		✓	✓	✓	
Building Information Modelling for Integrated Construction - MSc	7	MSc				✓	
Building Studies - HNC	4	HNC				✓	
Building Surveying - BSc (Hons)	6	BSc (Hons)		✓	✓	✓	
Building Surveying with Facilities Management - MSc	7	MSc		✓			
Built Environment Research Degrees - PhD	8	PhD		✓			
Civil Engineering - BEng (Hons)	6	BEng (Hons)		✓		✓	
Civil Engineering - MSc	7	MSc		✓			
Civil Engineering & Construction Management - BEng (Hons)	6	BEng (Hons)		✓			
Civil Engineering and Management Masters - MSc/ Diploma/Certificate	4,5,7	Certificate/ Diploma/ MSc	✓				
Civil Engineering - BSc/BEng/MEng (Hons)	6	BSc/BEng/MEng (Hons)	✓	✓	✓	✓	✓
Civil Engineering - HNC	4	HNC			✓	✓	
Civil Engineering Management - MSc	7	MSc				✓	
Civil Engineering Project Management - MSc	7	MSc			✓		
Civil Engineering/Civil Engineering Technical Route - MSc	7	MSc			✓		
Construction - HNC	4	HNC		✓			
Construction and the Built Environment - HND	5	HND				✓	
Construction Management - BSc (Hons)	6	BSc (Hons)		✓	✓	✓	
Construction Management with BIM - MSc	7	MSc			✓		
Construction Project and Cost Management - MSc	7	MSc			✓		
Construction Project Management - BSc/MSc (Hons)	6,7	BSc/MSc (Hons)		✓		✓	
Construction Project Management - MSc	7	MSc		✓			
Digital Construction - MSc	7	MSc		✓			
Digital Quantity Surveying - MSc	7	MSc				✓	
Electrical and Electronic Engineering - BEng/MEng (Hons)	6,7	BEng/MEng (Hons)	✓	✓	✓		✓
Landscape Architecture - BA Hons	6	BA (Hons)		✓			
Mechanical Engineering - BEng/MEng (Hons)	6,7	BEng/MEng (Hons)			✓		
Offsite Housing Construction - MSc	7	MSc				✓	
Quantity Surveying - BSc/MSc (Hons)	6,7	BSc/MSc (Hons)		✓		✓	
Quantity Surveying and Commercial Management - BSc (Hons)	6	BSc (Hons)			✓		
Structural Engineering - Diploma/MSc	5,7	Diploma/ MSc	✓		✓		



# West Midlands Combined Authority

With thanks to CITB, CSCS, Go Construct  
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**CITB**

<https://www.citb.co.uk/>



**Colleges West Midlands**

<https://www.collegeswestmidlands.org.uk/>



**CSCS**

<https://www.cscs.uk.com/>



**Go Construct**

<https://www.goconstruct.org/>