

# Become a Gas Engineer

A Managed Learning Programme  
for new entrants to the Gas industry



ecta

Course Handbook | V1.0

# Why train with ECTA?

We've been training the best people in the Gas, Electrics, Renewables and Water industries for well over 10 years.

## Industry expertise

We have a proven track record of delivering quality training to companies both large and small throughout the UK. Our 16,000 sq ft training centre in Stockport is dedicated to offering the best resources and facilities possible, and our dedicated gas training rooms offer a wide range of scenarios to prepare you for the realities of working in real-life situations.

Our team have personal experience of working in the industries they teach, giving an extra dimension to our training programmes. We've been training the pros for years, and some of the biggest companies in the UK trust us to train their teams.

We are always adding extra courses, to cover new sectors and the latest innovations, which all means you'll be getting great quality training to set you up for a rewarding future.

Free parking is available in our car park. We are just 5 minutes from Junction 27 on the M60, and close to major rail links.

You can take a tour of the centre on our website at [www.ectatraining.co.uk](http://www.ectatraining.co.uk)

"I was really impressed with the depth of knowledge displayed by both the training and assessment teams. I highly recommend."

Peter Lamb



# Becoming a Gas Engineer

A career as a Domestic Gas Engineer offers a fantastic opportunity in an industry which is forecast to be growing rapidly throughout the next two years



## Career options

There are different types of jobs available, such as servicing gas appliances, design and installation of heating systems, and repairing central heating boilers. Salaries for qualified engineers range from around £23k per annum up to around £40k for an experienced engineer.

## Legislation

New legislation which came into force on 1st October 2017 means that ALL gas training courses for new entrants now need to be approved, and timescales and content have been standardised throughout the industry.

All routes into the gas industry require a period of 'off the job' training (which is usually at a training centre) and 'on the job' training which must be carried out under the supervision of a Gas Safe registered engineer.

## 'On & Off' the job training

A Managed Learning Programme is a training programme, which allows candidates new to the gas industry to undertake a period of 'off the job' training (7 weeks for the standard Domestic Gas Engineer route). Followed by 20 weeks of "on the job" training under the supervision of a Gas Safe Registered engineer.

Once you have successfully completed both parts of the MLP, you will be eligible to undertake ACS assessments, which are required to get Gas Safe Registration. This is the shortest route now available for new entrants to the industry, and means you could be a qualified gas engineer in approximately 6 months.

You will also be required to compile a placement portfolio. You can compile your portfolio by...

1. Providing your own mentor. Or...
2. ECTA providing a mentor placement, from our network of employers

## So why do you need to complete a MLP?

All operatives working with gas in the UK must by law be competent to do so.

Registration with the Gas Safe Register (GSR) is a legal requirement.

To apply for registration on the Gas Safe Register candidates must be able to demonstrate that they are capable of carrying out gas work competently.

The only recognised method to determine this is to undertake the 'National Accredited Certification Scheme for Individual Gas Fitting Operatives (ACS)' to prove competency.

The pathway to being able to take ACS accreditation is through a Managed Learning Programme.

# Training journey overview

This Managed Learning Programme has been created to provide a clear, concise and robust route into the gas industry. This is a brief outline of your training journey.

## Interview

Candidates attend a one-to-one interview with an ECTA technically competent, qualified assessor to conduct pre-entry aptitude test in basic Maths and English, plus a practical exercise.

At this meeting a learning style assessment will also be conducted to gain an understanding of any adjustments ECTA would have to make in order to enhance the candidates learning experience.

Following these evaluations candidates will be given a guided tour of the facilities to gain further understanding of what practical elements will need to be completed.

If at the end of the Interview we are not satisfied with a candidate's suitability we will inform the applicant, as it is not in anyone's interest for ECTA to enrol applicants deemed unsuitable or lacking the necessary aptitude for the Managed Learning Programme.

## 'Off the Job' Training Topics

### Week 1

- Induction
- Health and Safety
- Combustion and its Controls

### Week 2

- Chimney Systems
- Ventilation
- Pressure Flow
- Tightness Testing
- Purging

### Week 3

- Domestic Pipework Installation
- Electrical Systems
- Controls and Components

### Week 4

- Heating Design
- Heat Loss and Comfort Conditions
- Installation and Servicing of Domestic Central Heating and Hot Water Appliances

### Week 5

- Installation and Servicing Domestic Cooking Appliances

### Week 6

- Installation and Servicing Domestic Space Heating Appliances
- Installing Domestic Meters

### Week 7

- Principles and Procedures Fault Diagnosis
- Recap, Consolidation, Portfolio Building

## 'On the Job' Training Topics

### Weeks 8 to 27

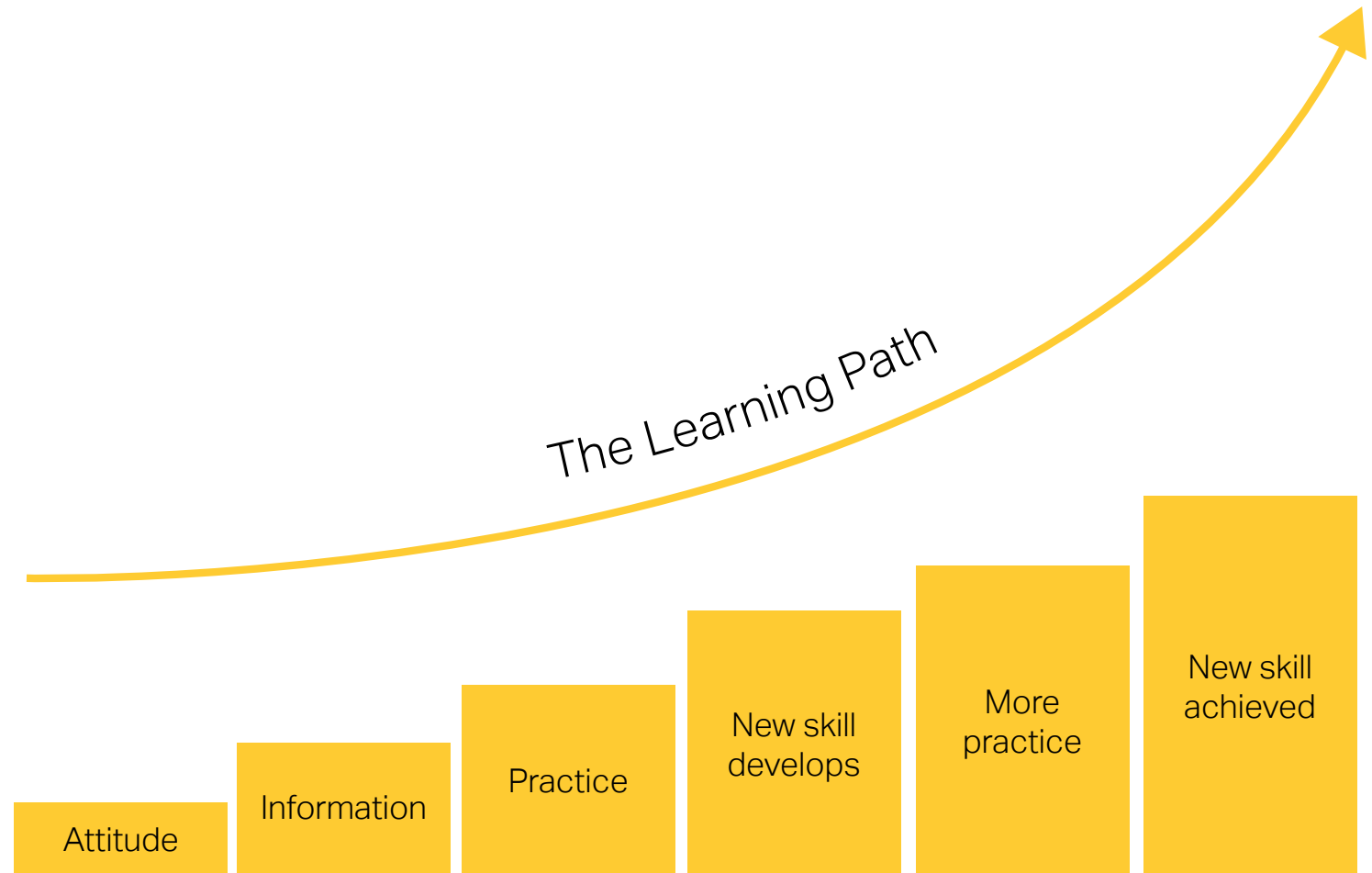
- On Site Mentored Placement putting Theory and Practical skills into use under supervision, Portfolio Building.

### Final Assessment Week

- Summative Assessment at ECTA, including Portfolio Sign Off

# The Learning Path

This is a new opportunity, so you need to bring your best version of 'you'. Learning new skills takes plenty of patience, determination, and practice, practice, practice...



# Frequently asked questions

Here are some regularly asked questions about how you'll become a Gas Engineer. If you have any more questions please don't hesitate to get in touch with us...

## **What is the cost of the full MLP Course?**

Total cost including certification fees is £6,200 +VAT

## **What will I receive at the end of the programme?**

On successful completion of the Managed Learning Programme you will receive a 'Certificate of Training' which permits entry to our ACS courses.

## **What is a Managed Learning Programme?**

This provides a planned approach to your training, enabling your progress to be monitored throughout the whole training journey.

## **How long does it take to complete?**

ECTA's Managed Learning Programme has been designed to be flexible and can be completed in just 6 months or up to a year if more convenient for the candidate.

## **Do I need your 'Certificate of Training' qualification?**

This accreditation is a crucial part of the Managed Learning Programme, without it you cannot prove you have carried out gas training that will be recognised by the Gas Safe Register.

## **Where does the course take place?**

At ECTA's Training Centre in Stockport.

## **Will I have enough time to finish the course?**

We understand that not everyone learns at the same pace so we cater for this with our flexible approach to training. The group only moves as fast as the slowest individual, so nobody gets left behind.

Feedback is requested on a weekly basis and if it is recognised that someone is falling behind one-to-one training can be organised to bring candidates up to speed. Our only stipulation is that all programmes must be completed within 12 months of the initial start date.

## **What qualifications will I have at the end of the ACS part of the course?**

ECTA's standard ACS package is recommended, this includes CCN1, CENWAT, HTR1 & CKR1. However, if you have a clear direction in which you wish to pursue your future career, please inform us before commencing your MLP and we'll bespoke the content of delivery to your specific needs.

## **Will I be registered with Gas Safe at the end of the course?**

No, but you will be qualified for registration with Gas Safe; you must then apply for registration with Gas Safe. Only the candidate or their employer may apply for registration we cannot do this for you.

## **Do I need to register with the Gas Safe Register?**

Yes, all persons undertaking gas work in the UK must by law be registered with the Gas Safe Register.

# ECTA's Industry experience

ECTA is a National Trainer of operatives and operational staff within the Gas, Utilities and Facilities Management Industries, headquartered in Stockport.



## What we offer

ECTA offers an extensive range of training and auditing services including...

- Domestic & Commercial Gas
- Managed Learning
- Apprentice Programmes
- Smart Meter Installation
- Electrical & Renewable Energy

We also supply bespoke consultancy services to a varied client base, from Private and Registered Social Housing Landlords to Facilities Management companies.

As well as supplying inspection services to certification bodies such as NICEiC and ELECSA.

## Industry expertise

The operational team's passion for training and training solutions has consistently driven the growth and strategic direction of the Organisation. The desire to better understand customer's requirements, constraints and technical parameters allows us to devise the optimal solution whilst maintaining a fast, responsive and agile service which is both effective and efficient.

Supported by two in-house Training and Assessment centres, which are approved to deliver Gas, Electric, Water and Renewable Energy courses by Logic Certification and BPEC, our trainers and assessors are industry professionals, and have the knowledge and experience to provide the highest level of service.

Through continued investment in our people, and training we have been able to accumulate years of engineering knowledge and problem solving in our own highly skilled team.

Nurturing new talent whilst striving to always deliver superior service levels ensures ECTA will be a market leader now and well into the future.

# Get in touch

If you would like to book a place or find out more, please get in touch with a member of our team

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