

# Springfields Apprentice Training

## Advanced Electrical/Instrumentation Engineering Apprenticeship Level 3

If you're good at problem solving, like to understand how things work, and prefer to be hands-on, then a four-year Westinghouse Springfields Advanced Apprenticeship Level 3 in Electrical/Instrumentation Engineering is for you. This apprenticeship will give you all the skills you need for a rewarding career and exciting job prospects with a company providing nuclear fuels for a growing electricity generation sector.

### What does an advanced electrical/instrumentation engineering apprenticeship involve?

Apprentices are trained to a Level 3 standard to maintain and support electrical and instrumentation systems within our sophisticated plant. All apprentices study for a BTEC technical certificate on day release at the local college, with practical training delivered on site at Springfield Fuels Training Academy, Salwick, Preston, initially in our purpose-built Training Centre, followed by site placements training alongside professionally qualified experienced craft personnel.

During the first five months of your apprenticeship, you will learn basic hand skills utilising tools such as files, hacksaws, and precision measuring equipment as well as learning to operate workshop machinery such as lathes, milling machines, pedestal drills and grinders. Within this time, you will also receive training on basic electrical circuits and receive numerous engineering lectures, thus completing your initial training.

Following this a further seven months in the training centre will see you learn your core skills to a MOET (Maintenance and Operations Engineering Technician) standard. Firstly, in electrical engineering, where you will learn how to design and build electrical installations, motor control and motor theory as well as how to diagnose and find faults on complex electrical equipment. You will then move on to the instrumentation and control course where you will learn about different industrial processes (such as pressure, level, temperature, and flow), and how we automatically measure and control them. You will also learn how to effectively diagnose and repair instrumentation/control faults on our purpose built, in house, process plant.

At this stage you will either be predominantly electrical biased or predominantly instrument and control biased. You will follow either the electrical MOET pathway or the control and instrumentation MOET pathway. The decision for which bias you will take depends on your own personal skills and aptitude, as well as the requirements of the business.

On site then for a further two and a half years, as mentioned previously carrying out placements in a working environment, honing your electrical and instrument knowledge/practical skills until with six months to the end of your apprenticeship, you reach the Gateway stage. This ensures you are ready for an End Point Assessment, where you will carry out a knowledge test (currently multiple choice) then an observed practical assessment on site, followed up finally by a technical interview (one to one).

You will be guided through your apprenticeship from start to finish by highly trained and industry experienced instructors to ensure you have the required development and support to successfully complete your apprenticeship.

### We also offer apprenticeships in other roles in engineering

Please view and apply via the careers link, for the L3 advanced apprenticeships listed below on our website:

Mechanical engineering / welder - fabricator / machinist

### What do I need to apply?

Our four-year apprenticeships are following the National Apprenticeship Standards and aimed at people with 5 GCSEs including Maths, English and Science at Grade 4-9 (A-D) or predicted to be at this level, or BTEC or equivalent qualifications/experience  
Enthusiasm for problem solving and motivation for a role in Engineering

### What happens at the end of the apprenticeship?

Upon completion of your apprenticeship. You will receive a MOET apprenticeship standard in either electrical technician or control and instrumentation technician. You will have also received a Level 3 BTEC after the first 2 years at college. There is an opportunity for further study of an HNC in Electrical Engineering for individuals who have achieved the required level of competency, aptitude and performance. Towards the end of your apprenticeship, you will be given the opportunity to apply for a permanent role within Engineering here at Springfields. This engineering role may include shift working once the individual meets the required competency as the business has a range of shift patterns.

### Springfield Fuels the following benefits:

- On-site catering facilities
- Company pension
- Performance bonus

### When will I start the Apprenticeship?

The third Monday in August 2025

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Advanced Fabrication Engineering Apprenticeship Level 3

If you're good at problem solving and like to understand how things are put together and made to work, Westinghouse Springfields Advanced Apprenticeship in Fabrication Engineering will give you all the skills you need for a first-class career in engineering with exciting job prospects in a variety of roles that will always be in demand across the industry.

### What does an advanced engineering apprenticeship involve?

Apprentices are trained following a route to Level 3 in Fabrication Engineering to maintain and support mechanical systems within our production plant. All apprentices study for a BTEC/equivalent technical certificate on day release at a local training provider, with the practical training delivered both at the Training Provider and on site at Springfields Fuels in our engineering academy followed by site area training in the working environments.

The first six months gives you the foundation to learn basic engineering skills including developing skills in bench fitting, measuring, machining, and fabrication/welding ensuring accuracy to the specifications. This is in preparation for working in a variety of site locations whilst completing a Fabrication/Welding Apprenticeship including completing a number of modules covering fabrication and/or welding: First Year Engineering - Drawings, manual cutting techniques and communication. Following years - metal inert gases, properties and application of engineering and materials. This is a four-year training programme to develop your expertise with specialised training programme and progressing in the final months to show your competency in metal fabrication/welding skills to complete your apprenticeship and preparing for your final assessment.

On-the-job training on site in the workshop gaining knowledge and practical skills guided by experienced professionals. The Training Provider and Springfields colleagues will work with you to ensure you have the required development to support you in your work environment on site. The Training Academy has a number of individuals who will support you during your apprenticeship.

### What are the areas of development?

Advanced Engineering Apprenticeships are currently offered in the following areas:

#### Advanced Fabrication Engineering Apprenticeship Level 3

Read and interpret fabrication engineering drawings to produce complex fabricated products & components that meet the required specification, tolerance and quality requirements. Fabrication process includes marking out, pattern development, cutting and forming material, hole drilling/punching, weld preparation and welding to meet the requirements of the relevant welding standard.

This role will focus on the Fabrication Engineering Apprenticeship route at Westinghouse Springfields, this includes a variety of jobs working both in the main workshop and on site alongside others carrying out fault finding/repair, machining, fabrication, and maintenance jobs for the site.

We also offer other roles in engineering - please apply via to correct careers link for the apprenticeship for the roles below:

#### Advanced Electrical Engineering Apprenticeship Level 3

Electrical maintenance, 3 phase supply and motors, wall bay construction project, instrumentation and control, measurement, and control, transmitters, level pressure, flow, and temperature.

#### Mechanical Maintenance Engineering Apprenticeship Level 3

Hydraulics, pneumatics, gaskets and seals, drive systems, use of machining equipment and engineering techniques.

#### Advanced Machining Engineering Apprenticeship Level 3

Read and interpret technical engineering drawings to set up, adjust, program, and operate machining equipment, to machine high-quality complex components that meet specification and tolerance using a broad range of machining processes and machining equipment (both manual and CNC machines). Machining processes include, diameters (including eccentric and tapers), radius, holes, bores, slots, pockets, under cuts and grooves, internal and external thread cutting, and profile forms. Inspect components once produced against specification and tolerance requirements.

### What do I need to apply?

Our four-year apprenticeships are following the National Apprenticeship Standards and aimed at people with 5 GCSEs including Maths, English and Science at Grade 4-9 (A-D) or predicted to be at this level, or BTEC or equivalent qualifications/experience

Enthusiasm for problem solving and motivation for a role in Engineering

### What happens at the end of the apprenticeship?

Towards the end of your apprenticeship, you will be given the opportunity to apply for a permanent role within engineering or you may decide to take one of our further specific technical certifications in machining.

### When will I start the Apprenticeship?

The third Monday in August 2025

NB. All offers of employment will be conditional as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening of which includes both drug and alcohol testing.

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Advanced Machining Engineering Apprenticeship Level 3

If you're good at problem solving and like to understand how things are made and work, a Westinghouse Springfields Advanced Apprenticeship in Machining Engineering will give you all the skills you need for a first-class career in engineering with exciting job prospects in a variety of roles that will always be in demand across the industry.

### What does an advanced engineering apprenticeship involve?

Apprentices are trained to Level 3 in Machining Engineering to maintain and support mechanical systems within our sophisticated plant. All apprentices study for a BTEC/equivalent technical certificate on day release at the local training provider, with the practical training delivered on site at Springfields in our engineering training academy followed by specific site training in the working environment.

The first six months gives you the foundations you need to learn basic engineering skills including developing skills in bench fitting, measuring, and machining ensuring accuracy to the specifications. This is in preparation for working in a variety of site locations whilst completing a Machining Engineering Apprenticeship including completing a variety of modules covering plan and prepare sequence for the machining activities. Individuals must ensure that the correct tooling, work holding, and materials are used. This applies to conventional complex or CNC complex machining tasks. You will start a specialised training programme over four years and progressing in the final months to show your competency in machining skills to complete your apprenticeship and preparing for your final assessment.

On-the-job training in the workshop on site, gaining knowledge and practical skills guided by experienced professionals. The instructors work with you to ensure you have the required development to support you in your work environment on site. The Training Academy has several individuals who will support you during your apprenticeship.

### What are the areas of development?

Read and interpret technical engineering drawings to set up, adjust, program, and operate machining equipment to machine high-quality complex components, that meet specification and tolerance using a broad range of machining processes and machining equipment (both manual and CNC machines). Machining processes include, diameters (including eccentric & tapers), radius, holes, bores, slots, pockets, under cuts and grooves, internal and external thread cutting, and profile forms. Components once produced must be inspected against specification and tolerance requirements for conformance.

This role will focus on the Machining Engineering Apprenticeship route at Westinghouse Springfields, this includes a variety of jobs working in the main workshop alongside others who carry out repairs, machining, fabrication and maintenance jobs for the site.

### We also offer apprenticeships in other roles in engineering

Please view and apply via the careers link, for the L3 advanced apprenticeships listed below on our website:

#### Advanced Electrical Engineering Apprenticeship Level 3

Electrical maintenance, 3 phase supply and motors, wall bay construction project, instrumentation measurement, and control, transmitters, level pressure, flow and temperature.

#### Mechanical Maintenance Engineering Apprenticeship Level 3

Hydraulics, pneumatics, gaskets and seals, drive systems, use of machining equipment and engineering techniques.

#### Advanced Fabrication Engineering Apprenticeship Level 3

Read and interpret fabrication engineering drawings to produce complex fabricated products and components that meet the required specification, tolerance and quality requirements. Fabrication process includes marking out, pattern development, cutting and forming material, hole drilling/punching, weld preparation and welding to the meet the requirements of the relevant welding standard.

### What do I need to apply?

Our four-year apprenticeships are following the National Apprenticeship Standards and aimed at people with 5 GCSEs including Maths, English and Science at Grade 4-9 (A-D) or predicted to be at this level, or BTEC or equivalent qualifications/experience

Enthusiasm for problem solving and motivation for a role in Engineering

### What happens at the end of the apprenticeship?

Towards the end of your apprenticeship, you will be given the opportunity to apply for a permanent role within engineering or you may decide to take one of our further specific technical certifications in machining.

### When will I start the Apprenticeship?

The third Monday in August 2025

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Advanced Mechanical Engineering Apprenticeship Level 3

If you're good at problem solving, like to understand how things work, and prefer to be hands-on, then a four-year Westinghouse Springfields Advanced Apprenticeship Level 3 in Electrical/Instrumentation Engineering is for you. This apprenticeship will give you all the skills you need for a rewarding career and exciting job prospects with a company providing nuclear fuels for a growing electricity generation sector.

### What does an advanced mechanical engineering apprenticeship involve?

Apprentices are trained to a Level 3 standard to maintain and support electrical and instrumentation systems within our sophisticated plant. All apprentices study for a BTEC technical certificate on day release at the local college, with practical training delivered on site at Springfield Fuels Training Academy, Salwick, Preston, initially in our purpose-built Training Centre, followed by site placements training alongside professionally qualified experienced craft personnel.

During the first five months of your apprenticeship, you will learn basic hand skills utilising tools such as files, hacksaws, and precision measuring equipment as well as learning to operate workshop machinery such as lathes, milling machines, pedestal drills and grinders. Within this time, you will also receive training on basic electrical circuits and receive numerous Engineering lectures, thus completing your initial training. Following this there are several transitional courses to include Pendant hoist, scaffolding, and ladder training to list a few to prepare you for a safe future on site. A further seven months in the training centre will see you learn your core skills to a MOET (Maintenance and Operations Engineering Technician) standard. Working alongside other first year mechanical engineering apprentices, you will carry out multiple specialist courses to include hydraulics, pneumatics, key fitting, pumps, drives, gearboxes, and pipework systems to name just some.

On site then for a further two and a half years, as mentioned previously carrying out six monthly placements in a working environment, honing your mechanical knowledge/practical skills until with six months to the end of your apprenticeship, you reach the Gateway stage. This ensures you are ready for the EPA assessment stage, where you will carry out a knowledge test (currently multiple choice), then an observed practical assessment on site, followed up finally by a technical interview (one to one).

Throughout your apprenticeship the instructors work with you to ensure you have the required development, to support you fully to ensure you are ready for the EPA stage.

### What are the areas of development?

This role will focus on the Mechanical Maintenance Apprenticeship route at our Westinghouse Springfields nuclear fuel manufacturing facilities. This includes working in a variety of placements including oxide fuels complex, recovery/residue areas, combined heat and power facility and services, and component manufacturing. Working in a team you will learn fault finding, pressure testing systems including relief valves, servicing/overhauling equipment, and scheduled maintenance on plant items to name a few.

### We also offer apprenticeships in other roles in engineering

Please view and apply via the careers link, for the L3 advanced apprenticeships listed below on our website:

Electrical maintenance / Instrumentation and control / welder - fabricator / machinist

### What do I need to apply?

Our four-year apprenticeships are following the National Apprenticeship Standards and aimed at people with 5 GCSEs including Maths, English and Science at Grade 4-9 (A-D) or predicted to be at this level, or BTEC or equivalent qualifications/experience

Enthusiasm for problem solving and motivation for a role in Engineering

### What happens at the end of the apprenticeship?

Towards the end of your apprenticeship, you will be given the opportunity to apply for a permanent role within Engineering here at Springfields. There is also an opportunity to study an HNC/HND in Engineering for individuals who have achieved the required level of competency and aptitude. This engineering role may include shift working once the individual meets the required competency as the business has a range of shift patterns.

### When will I start the Apprenticeship?

The third Monday in August 2025

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Business Administration Advanced Apprenticeship Level 3

At Westinghouse Springfields you'll enjoy truly excellent training, interesting on-the-job learning and a dedicated induction and mentoring programme to prepare you for a rewarding career within the nuclear industry.

You'll be on site from day one, and you'll be working towards gaining a Business Administration Advanced Apprenticeship at Level 3. This will include college work and assignments to complete alongside a detailed portfolio, so it is especially important that you are willing to complete all your course work diligently on time and meet deadlines, alongside working in the role.

You will work with several departments at the Springfields site near Preston, learning how each team works together and you will also work with our external stakeholders to enable you to gain knowledge on how we work with other organisations and community groups.

We will be supporting you each step of the way, and you will have the opportunity to apply for any roles with Westinghouse Springfields that are available towards the end of your apprenticeship programme.

### What Else Will I Learn?

As well as gaining this great practical experience in administration, you will learn key skills such as communication, problem solving, project management and teamwork across the operational areas.

### What Will I be Doing?

You will be undertaking all the tasks and learning required as an apprentice to become a competent Administrator at the end of the apprenticeship scheme. You'll experience various aspects of office administration and work closely with experienced members of the team within various areas of operations. You will be undertaking all the tasks and learning required as part of an apprentice which included using company document management systems, use of OFFICE 365 packages, and reporting systems whilst following company standard operating procedures to ensure compliance and governance.

You'll experience working within a team in recruitment, administration, training, and communications which supports the business in daily task and projects. Taking a confident approach to problem solving and communicating with other departments in the business, you'll gain a greater understanding and practical experience of what is involved in keeping our internal and external customers happy and providing them with a positive experience. You'll also get a great insight into how manufacturing operations work, and what is involved in getting resources, people into the business, and supplies and services to our customers.

### What Skills Do I Need?

We'd love to hear from you if you are:

- Able to work well with a team of people.
- Willing to learn and develop.
- Able to work on your own initiative.
- Good at communicating both in writing and face to face.
- Able to work well under pressure to be able to get things done on time.
- Conscientious and hard working

### Qualifications required

5 GCSEs including Maths and English at Grade 5-9 (A-C) or equivalent qualification

### When will I start the Apprenticeship?

The third Monday in August 2025

If you are selected to go through to the next stage, you'll be invited to an interview day. You will also be expected to take assessments in Maths, English and ICT

Note, All offers of employment will be conditional as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Chartered Manager Degree Apprenticeship Level 6

Advance your career in management with the Chartered Manager Degree Apprenticeship with Westinghouse Springfields Fuels. This unique programme delivers the multi-disciplinary and knowledge, skills and behaviours needed to succeed as a manager. It also provides a thorough understanding of the complex nuclear business including safety and, looking to the future, environmental and operational changes to the sector. The programme comprises of the degree elements delivered by UCLAN.

The Chartered Manager Degree is based within our site services areas such as Human Resources, Site Services, and Health & Safety. The course is studied on a modular basis, leading to a degree qualification after four years with assignments linked to the workplace role, project delivery and the modules elements.

The programme content is delivered over one day per week, which is arranged to fit around your workplace schedule and the demands of your employment. You will also be expected to undertake a significant amount of independent study, however the programme structure is designed to ease you into this with opportunities for you to develop your academic skills and literacy.

You will start a specialised training programme over the years and progressing in the final months to show your competency in your knowledge, skills, and behaviours in order to complete your apprenticeship in preparation for your final assessment, which is integrated within your degree. The modules include developing yourself and others, project management, business finance and operations management.

On-the-job training is onsite giving you the opportunity to gain knowledge and practical skills guided by experienced professionals in your placement areas. The mentors you work with are there to ensure you have the required development to support your learning and support you in your work environment on site. The Training Academy has a number of individuals who will support you during your apprenticeship.

Teaching methods range from lectures and seminars through to group tutorials and working in groups with individuals from other companies. You will also have free access to our online programme resources.

The University will allocate you with your own personal tutor who will guide you throughout the degree course, support your development, advise you on future career paths and help you to get the most out of your time as an apprentice and complete a Charter Manager Degree.

### Qualifications required

3 A Levels at Grade 5-9 (A-C) including Business or BTEC equivalent, or other equivalent qualification

5 GCSEs at Grade 5-9 (A-C) including Maths and English

### When will I start the Apprenticeship?

The third Monday in August 2025

If you are selected to go through to the next stage, you'll be invited to an interview day. You'll also be expected to take assessments in Maths, English and ICT

Note, the Apprenticeship is subject to eligibility for the Apprenticeship Programme. All offers of employment will be conditional as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Digital Technology Apprenticeship (Software) Degree Level 6

Advance your career in management with the Digital Technology Degree Apprenticeship with Westinghouse Springfields Fuels. This unique programme delivers the multi-disciplinary knowledge, skills and behaviours needed to succeed as a software specialist. It also provides a thorough understanding of the business, working within our software engineering department including safety and, looking to the future, environmental and operational changes to the sector. The programme comprises of a degree delivered by our delivery partner University of Central Lancashire (UCLAN).

The Degree Programme is based within our software engineering site departments, and the course is studied on a modular basis, leading to a degree qualification after three years with assignments linked to the workplace role, project delivery and the module elements. You will also develop the ability to analyse requirements and information from a variety of sources and build a professional profile.

The programme content is delivered over one day per week at UCLAN's Burnley Campus, which is arranged to fit around your workplace schedule and the demands of your role. You will also be expected to undertake a significant amount of independent study, however the programme structure is designed to ease you into this with opportunities for you to develop your academic, digital technology and software experience.

You will start a specialised training programme over three years and progressing in the final months to show your competency in your knowledge, skills, and behaviours in order to complete your apprenticeship and preparation for your final assessment, which is integrated within your degree. Throughout your apprenticeship you will have the opportunity to develop your knowledge and practical skills with a broad range of technologies.

On-the-job training is onsite giving you the opportunity to gain knowledge and practical skills guided by experienced professionals and your placement areas. The mentors you work with are there to ensure you have the required development to support your learning and support you in your work environment on site.

Teaching methods range from lectures and seminars through to group tutorials and working in groups with individuals from other companies. You will also have free access to our online programme resources.

The University will allocate you with your own personal tutor who will guide you throughout the degree course, support your development, advise you on future career paths and help you to get the most out of your time as an apprentice to complete a Software Engineering Degree.

### Qualifications required

3 A Levels at Grade A-C including one qualification in Maths or Science and a Technology based subject, or BTEC in a Technology or Engineering based subject, or other equivalent qualification or related prior experience

5 GCSEs at Grade 5-9 (A-C) including Maths and English

### When will I start the Apprenticeship?

The third Monday in August 2025

Note, All offers of employment will be conditional as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

### Closing date 11th Feb 2025





# Springfields Apprentice Training

## Health Physics Monitor Apprenticeship

At Westinghouse Springfields you'll enjoy truly excellent training in a responsible role with on-the-job learning, and a dedicated induction and mentoring programme; preparing you for a rewarding, ever changing career within the nuclear industry.

You'll be on-site from day one, and you'll be working towards completing a Nuclear Health Physics Monitor Apprenticeship. This will include completing assignments set by our training provider, alongside a detailed portfolio, so it is especially important that you are willing to complete all your course work on time and meet deadlines, alongside working in the role.

We will be supporting you each step of the way, making sure you have the right support to enable you to succeed, this will involve working in a variety of departments on the Springfields site at Salwick near Preston. You will also have the opportunity to apply for any roles within Springfields/Westinghouse that are available at the end of your apprenticeship programme.

A Health Physics Monitor provides radiological monitoring services at the workplace within the nuclear industry to protect people, plant, and the environment from the adverse effects of ionising radiation and contamination.

You will use specialist equipment to carry out radiological protection monitoring at the Springfields site, taking measurements of radiation dose rates and contamination levels to ensure we remain compliant and keep our people and community safe. You will interpret these measurements in order to provide protection advice to facility operators. You will need to be comfortable working with numbers and completing calculations. This role is critical to ensuring safe operations in nuclear facilities and requires a high level of attention to detail, quality, and accuracy in recording and interpreting measurements. You will need to have the right attitude to health and safety, quality, and following instructions.

The first part of your training programme will be delivered by an external Training Provider and supported by your on-site trainer in preparation for moving to site-based locations where you will be very much in a hands-on role.

This is a two-year apprenticeship, and you will work between 07:00-15:00, however at times you may be required to work different shift patterns including 12 hours working day and night shifts and weekends, as you progress, gain the required competency, and complete the required training. You will wear personal protective equipment, necessary for work in radiologically controlled areas, for a considerable proportion of the working day. As part of the role you will also be required to wear the required respiratory protective equipment when working in active areas. In this role you will be required to work in a variety of environments on-site including outside, at heights, in small spaces, and in nuclear facilities with alpha, beta, gamma, and neutron radiation.

This role provides an exciting and interesting opportunity to explore and experience various aspects of the site and provides great plant-based experience.

As an integral part of your apprenticeship your progress will be monitored and assessed against government standard requirements. You will compile an evidence folder, demonstrating your areas of learning with accredited certificates of completion for elements of your training. Within the last six months of your apprenticeship you will undertake an assessment by an independently appointed organisation, where you will be expected to clearly demonstrate your capability to perform as a Health Physics Monitor.

### What qualifications may I study?

- Level 2 ST0290 Nuclear Health Physics Monitor Apprenticeship
- Level 2 Certificate in Health Physics Monitoring in the Nuclear Industry (Theory)
- Level 2 NVQ Diploma in Radiological Protection
- Award in Nuclear Industry Awareness
- ISOH Working Safely

Specific qualifications are subject to change and replaced with an equivalent

### What are the entry requirements?

- Minimum age of 18 by September 2024 in line with health and safety requirements
- Minimum of 3 GCSEs Grade 5 (Grade C) in Maths, English and a Science or Engineering subject
- Functional Skills Level 2 will be considered as an equivalent to GCSE Grade 4 (Grade C). Other equivalent qualifications may also be considered

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

### When will I start the Apprenticeship?

The third Monday in August 2025

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Advanced Laboratory Technician Apprenticeship Level 3

At Westinghouse Springfields you'll be part of an excellent team, training with on-the-job learning, and a dedicated induction and mentoring programme; preparing you for a rewarding, ever changing career within the nuclear industry.

You'll be on-site from day one, and you'll be working towards gaining an Advance Laboratory Technician Apprenticeship at Level 3. This will include college work and assignments to complete alongside a detailed portfolio, so it is especially important that you are willing to complete all your course work diligently on time and meet deadlines, alongside working in the role.

You will work in the laboratory department at Springfields learning how the team works together with other production areas, gaining an understanding of the requirements of our internal and external stakeholders. This will enable you to gain knowledge on how we work to analyse samples and collect and share data with other teams.

We will be supporting you each step of the way, making sure you have the right support to enable you to succeed, this will involve working in various departments on the Springfields site at Salwick near Preston.

You will also have the opportunity to apply for any roles with Springfields/Westinghouse that are available at the end of your apprenticeship programme.

### What Else Will I Learn?

As well as gaining this great practical experience in laboratory science, you will learn key skills such as communication, materials, problem solving, and teamworking within the operational areas.

### What Will I be Doing?

You will be undertaking all the tasks and learning required as an apprentice in order to become a competent Laboratory Technician at the end of the apprenticeship scheme. You'll experience various aspects of sampling, verifying, reporting, and monitoring information, work closely with experienced members of the team within the laboratory.

You'll experience working within a team in the laboratories to gain an understanding in the planning and carrying out of sampling and analysis of materials, recording using the required administrative procedures, and training which supports the business in daily tasks and projects. Taking a logical approach to problem solving and communicating with other departments in the business, you'll gain a good understanding and practical experience of what's involved in keeping our internal and external customers happy and providing them with a positive experience. You'll also get a great insight into how manufacturing and monitoring of materials is carried out across the site and what is involved in getting resources, people into the business, and supplies and services to our customers.

### What Skills Do I Need?

We'd love to hear from you if you are:

- Interested in science
- Able to work well as part of a team
- Willing to learn and develop
- Able to work on your own initiative
- Good at communicating both in writing and face to face
- Able to work well in a fast-moving environment and to be able to get things done in a specified time
- Conscientious and hard working

### Qualifications required

5 GCSEs including Maths, English and Science at Grade 5-9 (A-C) or equivalent qualifications

### When will I start the Apprenticeship?

The third Monday in August 2025

If you are selected to go through to the next stage, you'll be invited to an interview day. You'll also be expected to take assessments in Maths

NB. All offers of employment will be conditional as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Nuclear Engineering Degree Apprenticeship Level 6

Advance your career in nuclear engineering with the Nuclear Engineering Degree Apprenticeship with Westinghouse Springfields Fuels. This unique programme delivers the multi-disciplinary and technical skills needed to succeed as a nuclear engineer. It provides a thorough understanding of the complex nuclear business including safety and, looking to the future, environmental and operational changes to the nuclear industry. The programme comprises the Foundation Degree and BEng (Hons) Nuclear Engineering, awarded by Lancaster University/Blackpool and The Fylde College; a UK top 10 university and highly ranked in international league tables such as the QS World Rankings.

Our apprentices are trained to Degree Level in Nuclear Engineering within our sophisticated plant, this course is studied on a modular basis, leading to the Degree qualification after 5 years.

The programme content is delivered over one day per week, which is arranged to fit around your workplace schedule and the demands of your placement area. You will also be expected to undertake a significant amount of independent study, however the programme structure is designed to ease you into this with opportunities for you to develop your academic skills and literacy.

The first six months will give you the foundations to learn basic engineering skills including developing awareness of bench fitting, electrical (light circuits, machining), ensuring accuracy to the specifications. This is in preparation for working in a variety of site locations across Westinghouse Springfields. You will complete a specialised training programme over the years, progressing in the final months to show your competency in your knowledge, skills, and behaviours in order to complete your apprenticeship in preparation for your final End Point Assessment.

On-the-job training on various plants across the site will give you the opportunity to gain knowledge and practical skills guided by experienced professionals. The mentors you work with are there to ensure you have the required development to support your learning in your work environment on site. The Training Academy has a dedicated individual who will support you during your apprenticeship, along with a mentor in the department in which you are working.

Teaching methods range from lectures and seminars through to group tutorials, and working in small groups in our nuclear simulator, and our materials and manufacturing labs. You will also have free access to our online programme resources.

The University Centre (Blackpool and The Fylde College's Energy HQ) will allocate you with your own personal tutor who will guide you throughout the degree course, support your development, advise you on future career paths and help you to get the most out of your time as an apprentice.

### Qualifications required

3 A Levels at Grade A-C including Science, or BTEC or equivalent qualifications including Science

5 GCSEs including Maths, English and Science at Grade 5-9 (A-C) or equivalent

### When will I start the Apprenticeship?

The third Monday in August 2025

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**





# Springfields Apprentice Training

## Intermediate Process Manufacturing Apprenticeship Level 2

At Springfields you'll enjoy truly excellent training, exciting on-the-job learning and a dedicated induction and mentoring programme to prepare you for a rewarding career within the nuclear industry.

You'll be on site from day one, and you'll be working towards gaining an Intermediate Apprenticeship in Process Manufacturing at Level 2. This will include college work and assignments to complete alongside a detailed portfolio, so it is especially important that you are willing to complete all your course work diligently on time and meet deadlines, alongside working in the role.

You will work within our Westinghouse Oxide Fuels department at the Springfields site near Preston, learning how to work as part of a team, engage with external stakeholders, produce our product, monitor the process and work with other teams.

We will be supporting you each step of the way, making sure you have the right support to enable you to succeed.

Towards the end of your apprenticeship, you will be given the opportunity to apply for a permanent role within Westinghouse Springfields.

### What Else Will I Learn?

As well as gaining this great practical experience in process manufacturing, regulatory requirements, and the safety aspects of the nuclear industry, you will learn key skills such as communication, problem solving and teamwork within the operational areas.

### What Will I be Doing?

You will be undertaking all the tasks and learning required as an apprentice to enable you to become competent in the role of production manufacturing at the end of the apprenticeship scheme. You'll experience various aspects of the process working closely alongside experienced members of the team within the department.

As a member of the team you will gain an understanding of working to procedures, planning operations, and carrying out production, sampling, and analysis of product. Taking a confident approach to problem solving and communicating with other departments in the business, you'll gain a great understanding and practical experience of what's involved in keeping our internal and external customers happy and providing them with a positive experience. You'll also get a great insight into how manufacturing of materials is carried out across the site and what is involved in ensuring supplies and services to our customers.

### What Skills Do I Need?

We'd love to hear from you if you are:

- Interested in processes and manufacturing
- Able to work well with a team of people
- Willing to learn and develop
- Able to work on your own initiative
- Good at communicating both in writing and face to face
- Able to work well under pressure to be able to get things done on time
- Conscientious and hard working

### Qualifications required

5 GCSEs including Maths, English and Science at Grade 4-9 (A-D) or BTEC, or equivalent qualifications

### When will I start the Apprenticeship?

The third Monday in August 2025

If you are selected to go through to the next stage, you'll be invited to an interview day. You'll also be expected to take assessments in Maths and English

NB. All offers of employment will be conditional, as candidates will be required to achieve appropriate security (DBS) clearance alongside medical screening, which includes both drug and alcohol testing

**Closing date 11th Feb 2025**

