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DEGREE  
APPRENTICESHIPS



Degree apprenticeships in

**Computing, Engineering & Digital Technologies**

# Degree apprenticeships

At Teesside University our degree apprenticeship programmes offer employers a range of cost-effective educational and training solutions.

**Our Advanced Entry Degree Apprenticeship (AdEDA) scheme can help you recruit qualified new degree apprentices with proven university-level academic ability.**

**Recruiting a current student or HNC / HND qualified graduate as your new apprentice will also substantially reduce your training costs.**

Other benefits include support in advertising your degree apprenticeship vacancies to current students who are completing their first year of studies on a relevant degree, Higher National Certificate (HNC) or Higher National Diploma (HND) programme, graduates qualified to HNC or HND level, and students at schools and colleges.

**An AdEDA membership registration form is included in this brochure.**

## What are degree apprenticeships?

**Degree apprenticeships combine work with study for a work-based higher education level qualification.**

This government initiative enables you, as an employer, to get significant funding towards the cost of an apprenticeship – to recruit new staff or develop existing employees.

Apprentices gain technical knowledge and practical experience by combining on-the-job training with flexible study towards a higher education qualification. The qualification could be a HNC, HND, foundation degree, full bachelor's degree or postgraduate master's degree.

The government has committed considerable funding to degree apprenticeships so there has never been a better time to get involved.



## What are the benefits for employers?

- > Increase future productivity
- > Keep the business up-to-date with the latest knowledge and innovative practice
- > On-the-job training tailored to your business needs
- > Fill higher level skill gaps
- > Develop existing staff and increase motivation and retention
- > Find talented new staff members
- > Recoup apprenticeship levy payments (if you pay the levy), or take advantage of government funding (if you do not pay the levy or run out of levy funds)



## We can help

Get in touch with our dedicated apprenticeships team to find out how we can help you to develop your talented employees and grow their contribution to your organisation's success.

**T: 01642 738888**

**E: [apprenticeships@tees.ac.uk](mailto:apprenticeships@tees.ac.uk)**

## Degree apprenticeships

### Undergraduate programmes credit transfers **Study modes**

Fees will be lower if previously awarded credits are transferred into the degree apprenticeship.

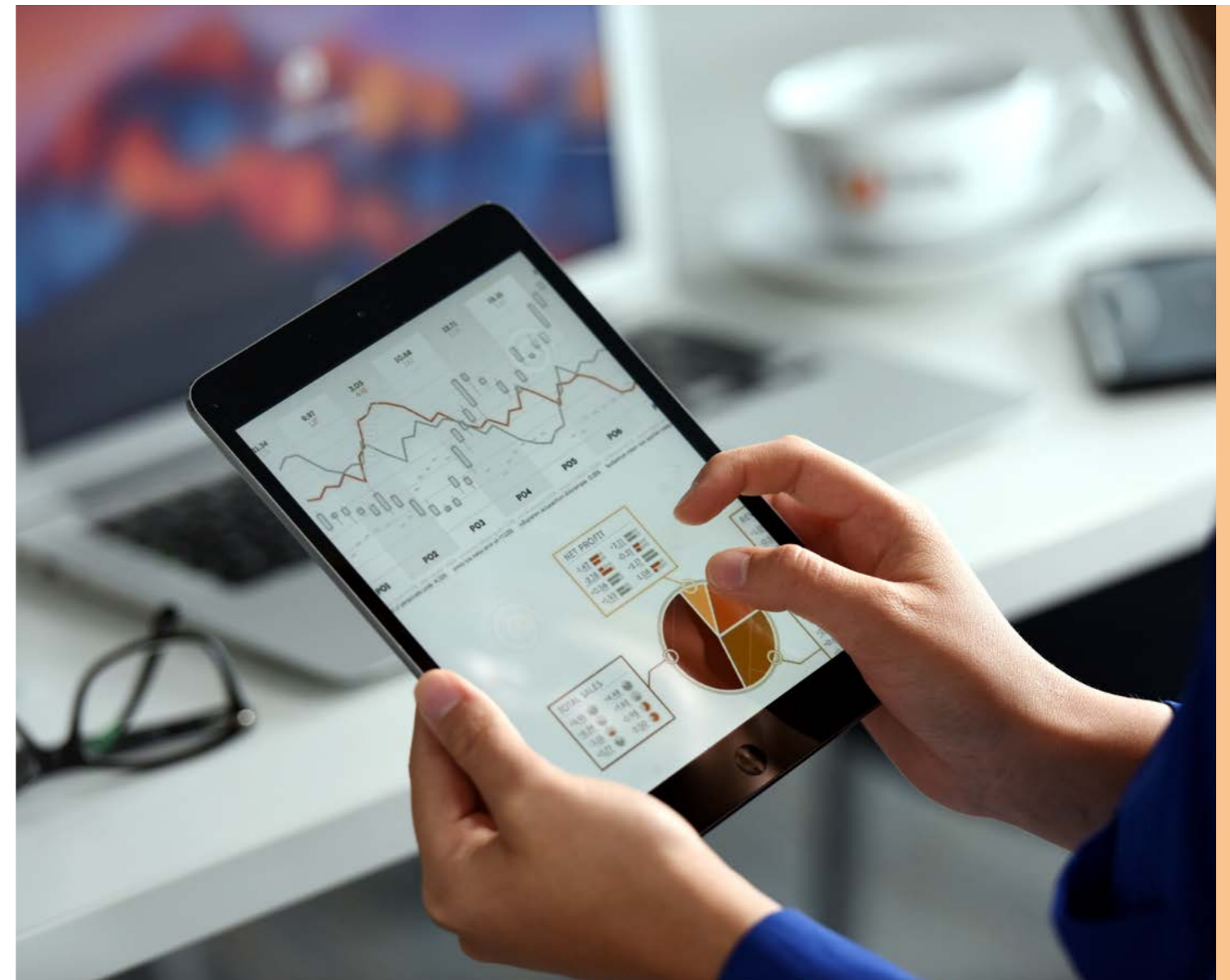
Typically, apprentices study part-time on a day release basis. Some programmes may include elements delivered using distance learning, blended learning and/or block-mode teaching methodologies. All programmes include work-based elements.



| Higher / Degree Apprenticeship  | Level | Associated Teesside University qualification(s)   | Duration (Years)    | Start Date             | Full Programme Fee |
|---|-------|---|---------------------|------------------------|--------------------|
| Civil Engineer (degree) ST0417  | 6     | HNC Civil Engineering Studies<br>+<br>BEng (Hons) Civil Engineering   | 1* or 2<br>+<br>4** | September<br>September | £27,000            |
| Control / Technical Support Engineer (degree) ST0023                        | 6     | BEng (Hons) Instrumentation and Control Engineering   | 4-6**               | September              | £27,000            |
| Electrical / Electronic Support Engineer (degree) ST0024                    | 6     | BEng (Hons) Electrical and Electronic Engineering   | 4-6**               | September              | £27,000            |
| Embedded Electronic Systems Design and Development Engineer (degree) ST0151 | 6     | BEng (Hons) Electrical and Electronic Engineering   | 4-6**               | September              | £27,000            |
| Manufacturing Engineer (degree) ST0025                                      | 6     | BEng (Hons) Mechanical Engineering  | 4-6**               | September              | £27,000            |
| Product Design and Development Engineer (degree) ST0027                     | 6     | BEng (Hons) Mechanical Engineering  | 4-6**               | September              | £27,000            |
| Digital and Technology Solutions Professional (integrated degree) ST0119    | 6     | BSc (Hons) Digital and Technology Solutions (Cyber Security Analyst)<br>Or<br>BSc (Hons) Digital Technology Solutions (Software Engineer) | 2-3**               | September              | £25,000            |
| Digital and Technology Solutions Specialist (integrated degree) ST0482      | 7     | MSc Digital and Technology Solutions Specialisms:<br>IT Project Management or Data Analytics  | 2-3**               | September or January   | £21,000            |

\*The Level 4 HNC element can be completed in one year but would require a minimum of 40% off-the-job training allocation.

\*\*Duration may be reduced if an apprentice has existing relevant qualifications.



## Apprentice selection and funding options

The following examples illustrate some of the options available to employers and the cost-benefits of each option.

For the purpose of this illustration we have used, as an example, a degree apprenticeship programme that leads to a single Level 6 undergraduate University qualification of a BEng (Hons) or BSc (Hons) degree.

### EXAMPLE

# 1

Recruiting an apprentice qualified to level 3, you fund the full degree apprenticeship programme

1. You recruit a school or college leaver as a new apprentice, or support an existing employee on the degree apprenticeship. The apprentice will have the appropriate academic profile that meets the entry requirements for the BSc (Hons) or BEng (Hons) degree programme.
2. The full cost of the degree apprenticeship applies. This is funded by levy fund or via the 95% government contribution and 5% employer funded scheme. Payment is spread over the duration of the degree apprenticeship.

### EXAMPLE

# 2

Recruiting an apprentice who has completed the first year of a degree, you fund part of the degree apprenticeship (33.3% saving)

- This scheme reduces the overall degree apprenticeship cost to you and provides you with an apprentice who has already demonstrated their capabilities by completing the first year of a university degree.
1. We advertise your apprenticeship position to our full and part-time students nearing completion of Year 1 of their BSc (Hons) or BEng (Hons) degree, and you select an appropriate candidate.
  2. The first year degree fees of the apprentice's studies will have been funded by alternative means (Student Loans Company or student self-finance).
  3. From the second year of their studies, the apprentice will convert from full-time to part-time study, and will be funded through the funding schemes for degree apprenticeships.
  4. In this example, the full degree apprenticeship cost is reduced by almost a third\* and is funded in full by the levy fund or via the 95% government contribution and 5% employer funded scheme. The apprentice will require less time to complete the degree apprenticeship.

### EXAMPLE

# 3

Recruiting an apprentice who has completed a HNC or HND, you fund part of the degree apprenticeship

- It is not uncommon for an apprentice to be qualified to at least HNC level before commencing on a degree apprenticeship.
1. We advertise your apprenticeship position to our full and part-time students nearing completion of their HNC (or HND) and you select an appropriate candidate.
  2. The apprentice will be admitted with advanced standing to Year 2 of a degree apprenticeship and funded through the funding schemes for degree apprenticeships.
  3. In this example, the full degree apprenticeship cost is reduced by almost a third\* and is funded in full by the levy fund or via the 95% government contribution and 5% employer funded scheme. The apprentice will require less time to complete the degree apprenticeship.



'By having our staff well trained and qualified we ensure we maintain our well-deserved reputation. Sir Robert McAlpine fully support staff development which in turn ensures quality for our clients'.

**Paula McMahon CMgr FCMI CEng FICE, Supervising Engineer, Sir Robert McAlpine**



### Advanced Entry Degree Apprenticeship (AdEDA) scheme members' benefits

- > Your organisation's logo is featured on the University web pages related to degree apprenticeships, and included in relevant marketing materials providing wide exposure to your company.
- > We can assist you with advertising your Higher and Degree Apprenticeship vacancies on the government's 'Recruit an apprentice' site, [www.gov.uk/recruit-apprentice](http://www.gov.uk/recruit-apprentice)
- > We actively promote your apprenticeship vacancies to University students, to students at our partner sixth-form schools and colleges, and colleges of further education.
- > We can support with advertising your apprenticeship vacancies to prospective UCAS applicants, potentially reaching thousands of prospective applicants.
- > We can support you with shortlisting and selection of new apprentices.
- > We invite you to events organised by the University designed to help employers keep abreast of developments impacting on degree apprenticeships and new funding opportunities.
- > We help you identify high-calibre students for short or long work placements.
- > We help you promote your graduate job opportunities.



To join our no obligation and free Advanced Entry Degree Apprenticeship (AdEDA) scheme, please complete the attached AdEDA membership registration form and return it by post or email.

\*the exact amount will depend on fixed costs such as the cost of the end point assessment.

## Case Study

# Husqvarna

Apprentices are at the cutting edge of robotic lawnmower technology saving people time in the garden and helping to grow the next generation of talented engineers.

**Newton Aycliffe-based outdoor product specialist Husqvarna is working with Teesside University to attract, retain and continually develop a valued workforce at a time of a global skills shortage.**

**As well as manufacturing and control/technical support engineers Husqvarna is also able to develop chartered managers, senior leader masters and upskill all its workforce.**



### The employer

**Husqvarna UK Learning & Development Officer Rufus Ayre says: "In the current climate many businesses are struggling to recruit technical positions which is why our relationship with Teesside University works so well. We take people from apprentice to technician to competent engineer offering the chance for them to study a degree.**

"We realise that the way we work is changing and that we will need more engineers in the future. Offering staff a self-empowered learning journey gives employees the means to continue their learning. It makes them feel valued and creates a positive culture across the whole organisation.

"Teesside University is fantastic to work with because they are flexible and understand us as a business and our needs which they build into the course making their studies relevant to when they are on site.

"It's an exciting time for robotics and our lawnmowers are saving people a lot of time in the garden as well as improving their lawns."

Husqvarna has continuous cycles of around six-degree apprentices in engineering, management and marketing.

"It is so great having the University on our doorstep, a truly local partnership, the support they offer to us as a business through the entire process is second to none," says Rufus.

"It's not just us sending people to the University but also students seeing us as somewhere to have a great career once they have graduated. Attracting talent into our business and nurturing that talent is an integral element of our growth plans and apprentices are so important to our long-term success – we're investing in them."

“

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### The apprentice

**For degree apprentice Connor Noble, the partnership has put him on the right path to a successful career. The 24-year-old was spotted by Husqvarna when he was at college and the idea of being a time-served apprentice appealed to him rather than head straight to university.**

"My dad followed a similar route so what better way forward for me than to do something that works," says Connor, of Darlington.

Husqvarna took him on a four-year apprenticeship resulting in an HND and he is now reading a B.Eng. in instrumentation and control engineering at Teesside University while working four days a week as a junior software engineer.

"Husqvarna has treated me so well right from the moment I started as a multi-skilled maintenance technician. I made a request to switch to software and they put me on secondment, which worked out really well. In effect they have allowed me to pick my own career.

"I just love turning up at work and love the education side, which is mainly directly relevant to the job I do. The dream is to continue to develop as an engineer at Husqvarna, a company that is always pushing the limits to remain at the forefront of technology."

“

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## Advanced Entry Degree Apprenticeship (AdEDA)

### Membership Registration Form

#### COMPANY / ORGANISATION DETAILS

Company/organisation name

Company registered name

Company number

Company Correspondence Address

Is the company/organisation a levy payer?

Yes

No

#### CONTACT DETAILS

Contact – name

Position / job title

Email address

Telephone

#### Please include my company/organisation in Teesside University's AdEDA scheme

Signature:

Full name and official job title

Date:

**For your no obligation, free membership please return your completed form by email to [SCEDTapprenticeships@tees.ac.uk](mailto:SCEDTapprenticeships@tees.ac.uk). Please include your company's / organisation's logo in JPG format.**

*All personal information processed by the University is done so in accordance with the requirements and safeguards of data protection legislation (the General Data Protection Regulation (GDPR), the Data Protection Act 2018 and related legislation) and the University's registration with the Information Commissioner. Please refer to the University's Student Privacy Notice for information about how the University uses your personal data. If you have any queries or concerns relating to the processing of personal information, please contact the University's Data Protection Officer on 01642 342093 or email [dpo@tees.ac.uk](mailto:dpo@tees.ac.uk)*



## CONTACT

T: 01642 738888

E: [apprenticeships@tees.ac.uk](mailto:apprenticeships@tees.ac.uk)

Visit [tees.ac.uk/apprenticeships](https://tees.ac.uk/apprenticeships) for full details about degree apprenticeships