Choose Digital, Computing and Cyber

Inspiring Innovation | Channelling Creativity | Developing Potential

DID YOU KNOW?

3 MILLION

There are 3 million apps on the Google Play store. Think of all the people employed in developing them!

125

There are around 125 games studios in Scotland, collectively employing nearly 2,200 people on a full-time basis.

2,000

Every day there are over 2000 cyber-attacks – we need lots of skilled people to keep us safe online!

£7.1 BILLION

The video game sector in the UK is projected to increase to an estimated £7.1 billion by 2025

Why Choose a Career in Digital, Computing and Cyber?

There has never been a better time to consider a career in Digital, Computing and Cyber, with one in ten of all Scottish job vacancies in the digital sector, and the average IT salary being £50,114.

Strong digital and cyber skills can lead to many exciting job opportunities, not only in IT businesses but across all sectors including Banking and Finance, Creative Industries, Education, Engineering, Tourism, Healthcare and the Public Sector. In fact, 60% of digital technology professionals in Scotland work in non-digital technology companies.

Why study with us?

94% of our 17,000 students enjoyed their time with us so much that they said they would recommend us to others, and an impressive 95% of our full-time students progress either to employment or to further studies after completing their education with us. With our smaller staff-to-student ratios and increased one-to-one teaching time, as well as the flexibility to learn at your own pace, you are always treated as an individual at Fife College.

There are no barriers to getting started

We invest in the passion, drive and commitment of our students. Whatever stage you are at, even if you have no or few qualifications already, we will help you find the appropriate entry point to get you started on a progression pathway, which could take you all the way to achieving a degree.

Qualifications Explained

All you need to know about qualifications and how they work together

Like all Scottish universities and colleges, we use the Scottish Credit and Qualifications Framework (SCQF) levels to describe our courses.

It shows how you can build up credits to gain the qualification you want, transfer credits onto other courses, and compare levels across different courses and qualifications.

Remember - there's not one set or right way to progress through school, college, university and into the job you want. You can even take time out of your studies and pick them up again later on.

Visit fife.ac.uk/ courses/ qualifications- explained/

Glossary of other qualifications

- SWAP – Scottish Wider Access Programme
  These courses are specifically designed for those who have been out of formal education for some time and want to return and progress to Higher Education
- SVQ – Scottish Vocational Qualification
- NVQ – National Vocational Qualification
- School College Partnership (SCP) Courses and Foundation Apprenticeships (FAs)
  These courses are available whilst you are still a Fife high school pupil. Speak to your school's Guidance team or SDS Advisor
- National 4s, National 5s and Highers
  These courses are the same level as you would find at school

Further Education

Certificate courses

Broadly comparable to SCQF Level 4 – the equivalent to National 4s

Certificate courses are the perfect stepping stone for those with no or few formal qualifications. They are a cluster of units, mainly at SCQF Level 4, that will give you an appropriate set of skills and knowledge to progress on to the next SCQF level.

Intermediate Certificate courses

Broadly comparable to SCQF Level 5 – the equivalent to National 5s

Intermediate Certificate courses contain a cluster of units, mainly at SCQF Level 5, that will give you an appropriate set of skills and knowledge to progress to the next SCQF level.

Advanced Certificate courses

Broadly comparable to SCQF Level 6 - the equivalent to Highers

Advanced Certificate courses contain a cluster of units, mainly at SCQF Level 6, that provide you with a suitable set of skills and knowledge for progressing to the next SCQF level in your education or chosen career path.

National Certificate and City & Guilds courses

SCQF Levels 4-6

These courses contain a nationally-recognised group award qualification at SCQF Levels 4, 5 or 6 and can be used as a stepping stone to employment or on to further study at a higher SCQF level.

Higher Education

Higher National Certificates (HNC)

SCQF Level 7 – the equivalent to year 1 at university

HNCs are normally completed in one year full-time or two years part-time study. Upon successful completion of an HNC, you have the option of progressing to an HND, degree (often entering the degree course in year 2), or employment.

Higher National Diplomas (HND)

SCQF Level 8 – the equivalent to year 2 at university

An HND is two years of study if done as a full-time course. If you're progressing from HNC, you will go straight into the second year and final year of the HND. They give you the option of progressing through to a degree (often entering year 3 of the degree course) or employment.

Degrees

SCQF Levels 9 (Degree) and 10 (Honours Degree)

Working alongside our partner universities, we offer a great range of degrees right on your doorstep at Fife College campuses, as well as routes to a wide range of university courses with the benefit of studying the first two years locally.

Our courses in Digital, Computing and Cyber

Cyber Security

These days it's difficult to imagine how we'd function without smartphones, computers and the internet. From online banking and shopping, to email and social media, it's more important than ever to remain one step ahead to prevent cyber criminals getting hold of our accounts, data, and devices.

Roles within Cyber Security

Cyber Security Analyst/Cyber Security Engineer/Cyber Security Consultant/Cyber Security Architect

Courses

HNC: Cyber Security

HND: Cyber Security

PDA Cyber Resilience

Computer Games Development

Computer games development is a dynamic, fast-paced and immersive world, bringing creative and technical talent together to develop software and coding. This transforms creative concepts, storylines and characters, from the storyboard through the production phase to the finished product.

Roles within Computer Games Development

Games Designer/Programmer/Developer/Tester

Courses

Certificate: Computing with Computer Games Design & Cyber Security (February & August Start Course)

Intermediate Certificate: Computer Games Development (with eSports)

Advanced Certificate: Computer Games Design & Animation (with eSports)

HNC: Digital Design & Development (Games)

HND: Computer Games Development

Computing

Certificate: Computing with Computer Games Design & Cyber Security (February & August Start Course)

Intermediate Certificate: Computing with Software Development & Cyber Security

Advanced Certificate: Computing with Software Development & Cyber Security

Software/ Application Development

Software and applications are deeply embedded within all aspects of modern life, rapidly evolving and pushing innovation to new exciting levels of possibility. They are designed to deliver effective solutions to real-world problems as well as enhance user experience, virtual engagement and financial transactions.

Roles within Software Application/Development

Software Developer/Application Developer

Courses

HND: Computing: Software Development (with Data Analytics)

HNC: Computing (Software Development with Data Analytics) – Distance Learning Course

Network Engineering/ Digital Support

Network engineers play a crucial role in the planning, design and technical delivery of network infrastructure to support communication and collaboration. In a world where data is crucial to business, explore a rewarding career in this fast-paced and dynamic innovation-driven sector.

Roles within Engineering/Digital Support

Software Developer/Application Developer/Network Engineer

Courses

PDA: Computer Support (Evening)

Digital Design

HNC: 3D Computer Animation

HNC: Digital Design & Development (Games)

HND: Digital Design & Development (Games)

Roles within Digital Design

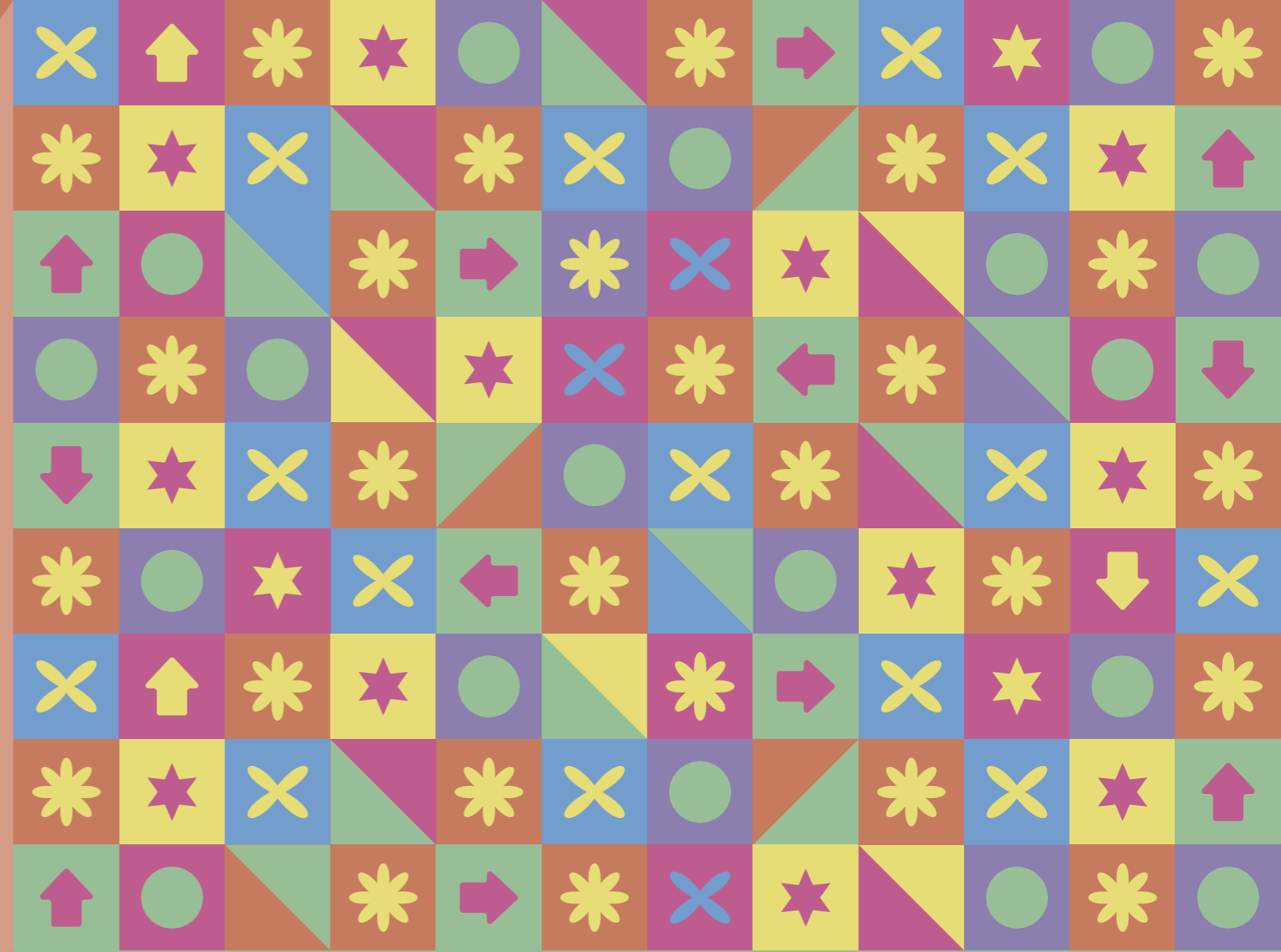2D/3D Animator/Games Designer/UI Artists/ Film/Level Designer/Multimedia Designers

Start your journey to a degree qualification

An HNC/HND course is the equivalent of the first/second year of a degree-level course. Dependent on subject, successful completion of one of our courses provides an opportunity to progress to either year two or three of a related BSc or BSc (Hons) degree course at one of our partner universities across Scotland.

CLICK HERE TO APPLY!

Do you have a question for us?

We know there's lots to think about, so if you have any questions about our courses, ask away! We're more than happy to find an answer to the important questions which support you in taking that next step. Get in touch!

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For the most up-to-date information, you should always check our website.

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