

**1,400  
FULL-TIME  
STUDENTS**



**87 FULL-TIME  
COURSES**



**70 PART-TIME  
COURSES**



**100+  
TUTORS**



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**Unlock your potential at one of  
Ireland's largest Further Education  
and Training Colleges**



# Director's Foreword



This prospectus provides a guide to the one- and two-year courses on offer at Cavan Institute, as well as degree courses offered in partnership with Institutes of Technology. Each page provides details on the course content and curriculum, as well as progression and career opportunities. You'll also find details on the range of services and supports we provide to students to help them make the most of their time with us.

Cavan Institute was founded in 1985 and since then it's grown to become one of the largest further education and training colleges in the country. With a focus on your achievement, academic and otherwise, our student-centred approach results in higher than average completion and certification rates (approx. 85% each year).

Over half of all our graduates (51%) go on to study for higher certificates, diplomas and degrees at Colleges of Further Education, Institutes of Technology and Universities in Ireland and the UK. A further 41% go directly into employment upon completion of their studies with us.

Indeed, we've been informed that our graduates who progress to Institutes of Technology and Universities demonstrate higher engagement with the curriculum, are better able for continuous assessment at third level and attain excellent completion rates. Our graduates are highly sought-after as employees, as they qualify with awards relevant to specific industry sectors. So, a year or two spent pursuing a course at Cavan Institute is an ideal platform from which to progress to higher education or employment.

I hope you find a course or several that appeal to you and I encourage you to visit our campus on one of our Open Days in summer, autumn and spring. A warm welcome, and a world of knowledge and skills await you.

*Beir bua agus beannacht,*

**Ann Marie Lacey**  
Director









# List of Courses

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Courses in *italics* are at level 6 on the National Framework of Qualifications, unless otherwise stated.





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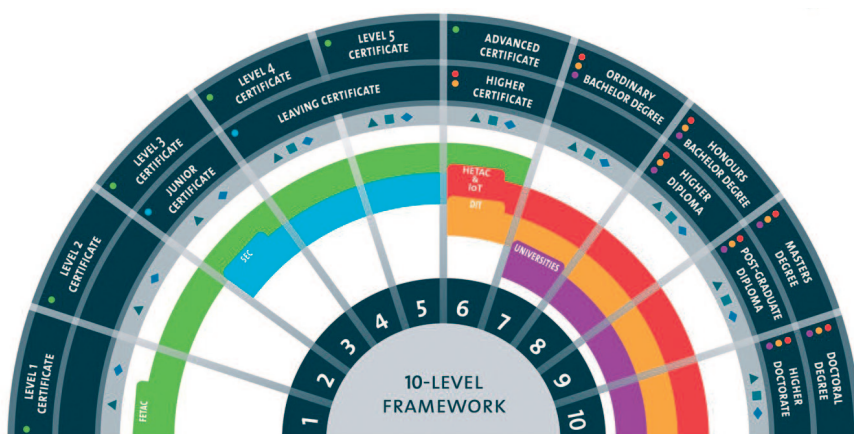


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Courses in *italics* are at level 6 on the National Framework of Qualifications, unless otherwise stated.

## Irish National Framework of Qualifications

Majority of courses at Levels 5 and 6 with defined progression routes



## Defined Progression to Higher Education

Through formal links with the following colleges



Graduates have also progressed to numerous other colleges including DCU, TCD, UCD, NUIG, Maynooth University, DIT, NCAD, Blanchardstown IT, Sligo IT, GMIT, WIT and a host of universities and colleges in the UK and Europe.

## Proven Graduate Success

Here's where graduates from the last academic year went...

<b>Secured employment</b>	<b>41%</b>
<b>Progressed to further education</b>	<b>27%</b>
<b>Progressed to higher education</b>	<b>24%</b>

Employment rates from courses for which there is no follow-on degree programme, e.g., hairdressing and beauty therapy, are consistently high, up to 100% for some courses. Many students have job offers before they have even completed their course.



## **Student Services at Cavan Institute**

- Career Guidance
- Sports
- Clubs and Societies
- Work Experience Support
- Student Council
- On-site GP
- Special Educational Needs Support
- IT Support
- Pastoral Care Team
- Garda Liaison College Care
- Peer Mentoring Programme

## **Facilities at Cavan Institute**

- Modern Campus
- Industry-standard Equipment
- Library
- Gym
- Sports Pitches
- Health Centre
- Open Learning Centre
- Moodle VLE for Online Learning
- Canteen
- Shop
- Student Common Rooms
- Large Car Park
- Bus services (Bus Éireann and independent operators)



## Start your Degree Programme at Cavan Institute

The first year of the following degree programmes are also offered at Cavan Institute. Students apply directly to Cavan Institute for places on these courses and points apply for entry to these courses.



**Bachelor of Arts in Applied Social Studies in Social Care.** This is a 3-year, level 7 degree programme, with year 1 delivered at Cavan Institute and years 2 and 3 at AIT. Students register with AIT and points apply.

**Higher Certificate in Business.** This is a 2-year, level 6 course, with year 1 delivered at Cavan Institute and year 2 at AIT. As before, students register with AIT and points apply.



**Bachelor of Science in Computing.** This is a 3-year, level 7 degree programme, with year 1 delivered at Cavan Institute and the remaining years delivered at LYIT. Students register with LYIT and points apply.

## Qualifications on Offer



## Entry Requirements

For entry to a level 5 course, you must have achieved one of the following:

- Leaving Certificate
- Leaving Certificate Applied
- LCVP
- QQI Level 4 Award

For entry to a level 6 course, you must have achieved a level 5 award or equivalent. Equal consideration will be given to mature students (aged over 23) who do not meet these entry requirements.

There are **no points requirements** for entry to any PLC course.



## Sports Success and Scholarships

We've had a run of success at national level in recent years in Gaelic games and soccer, but there are several other active and growing sports teams and clubs at the Institute.

Sport and fitness facilities are open to everyone, students and staff alike, and the state-of-the art gym is a particular favourite.

**Men's GAA:** The men compete in the Trench Cup and we are the only Further Education Institute in the country competing at this level.

### Recent roll of honours

- All Ireland Sigerson weekend - Corn Na Mac Léinn Cup winners 2014
- All Ireland Higher Education Division 3 League winners 2012
- All Ireland Further Education League and Championship winners 2011

**Ladies' GAA:** The ladies compete in the league and championship for the Lagan Cup.

**Camogie:** The Cavan Institute team competes in the Ulster Higher Education Camogie league. We also host an annual all-Ireland Camogie blitz.

**Hurling:** The hurlers compete in the Ulster Higher Education Hurling league and we also host an annual all-Ireland super 7s competition.

## Sports Scholarships

We offer a number of sports scholarships which are open to registered students who excel in their particular sport or demonstrate a capacity for sports leadership and management, for example, a proven track record in organising and developing club structures.



## Career Guidance Service

At Cavan Institute, we offer a comprehensive Career Guidance Service available to all students throughout the academic year. The service is student-focused, professional and informative and it assists students with all aspects of career planning and the transition from further education to higher education and/or to the world of work. Our staff will help you to make informed decisions about your career choices through a variety of career workshops, career talks and guest speakers from industry and higher education institutes. They also help students to develop their job-search skills, to write a CV and to develop their interview techniques in preparation for the working world.



### Students can access the Career Guidance Service by:

- using the 'Drop-in Help-Desk' for quick queries
- arranging a one-to-one meeting with one of our guidance counsellors
- attending relevant career workshops scheduled throughout the year
- attending information talks and presentations from higher education institutes and industry
- using Moodle to access online resources
- completing self-assessment or careers interest tests
- attending relevant Careers Fairs as advertised throughout the year

## Open Learning Centre

Cavan Institute is committed to supporting students who have a disability, specific learning difficulty or medical condition. The Institute makes provision wherever possible to facilitate access and participation in academic courses and student life at the Institute.

If you have a disability or learning difficulty, this should have no influence on your course choice. Support is available to help you succeed at Cavan Institute.



## Fees

**There is a vast difference between fees charged by Cavan Institute and those of higher education colleges.**

Cavan Institute's annual registration fee is €300, plus a €200 government levy. Please note that this government levy is refundable to medical card holders, grant recipients and students in receipt of BTEA or VTOS support.

The fees for each course differ depending on the nature of the course and the materials required. Please refer to the Institute's website for all course fees and course requirements.

## Sources of Financial Support

### 1. PLC Maintenance Grant

Means-tested maintenance grants are available to eligible students attending approved full-time courses of further education in approved Post Leaving Certificate (PLC) centres, of which Cavan Institute is one. Applications can be made online to Student Universal Support Ireland (SUSI) through [www.studentfinance.ie](http://www.studentfinance.ie) or [www.susi.ie](http://www.susi.ie)

### 2. Back to Education Allowance (BTEA)

The Back to Education Allowance (BTEA) allows people in receipt of certain social welfare payments to retain those payments whilst participating in approved full-time courses in further education. See [www.welfare.ie](http://www.welfare.ie) or [www.studentfinance.ie](http://www.studentfinance.ie) for further details.

### 3. Vocational Training Opportunities Scheme (VTOS)

This scheme allows unemployed people aged over 21 to engage in education and training without losing their benefits. It applies to all courses offered at Cavan Institute and applicants must be in receipt of one of a number of social welfare supports for at least six months. See [www.vtos.ie](http://www.vtos.ie) for further details.

### 4. HEA Fund for Students with Disabilities

The Higher Education Authority's "Fund for Students with Disabilities" allocates funding to further and higher education colleges for the provision of services and supports to full-time students with disabilities. Applications to the fund are made on behalf of an eligible student by Cavan Institute following an assessment.



Institiúid an Chabháin  
Cavan Institute



# Accounting Technician – Computerised Accounting

<b>Certification:</b>	Accounting Technicians Ireland (ATI)
<b>Duration:</b>	2 Years



## Entry Requirements:

Leaving certificate candidates, please refer to the Accounting Technicians Ireland website for entry requirements.

## Course Description:

This course is aimed at anyone who is interested in pursuing a career in accounting/finance. Accounting technicians are skilled individuals who work at middle management level and who provide essential financial and accounting support information to professional accountants and to senior

management. Some examples of positions available to qualified accounting technicians include: accounting supervisor, budget officer, assistant accountant and payroll administrator. At the end of their two years of study and having complied with all the requirements of Accounting Technicians Ireland, students will be awarded the Certificate MATI (Member of the Accounting Technicians Ireland).

## Career/Progression Opportunities:

The accounting technician qualification is a recognised pathway to attaining a professional accountancy qualification through the Certified Public Accountancy course available at Cavan Institute and elsewhere. Even if you do not aspire to qualifying as a professional accountant, the course provides you with a solid theoretical and practical knowledge base that can be used to achieve a successful career in other related areas of business.



## Course Content:

<b>Year 1:</b>	<b>Computer Applications</b>	<b>Business Management</b>
<b>Taxation</b>	<b>Law and Ethics</b>	<b>Financial Accounting</b>
<b>Year 2:</b>	<b>Advanced Financial Accounting</b>	<b>Integrated Accounting Systems</b>
<b>Work Experience</b>	<b>Advanced Taxation</b>	<b>Management Accounting</b>



# Business Studies – Accounting and Finance

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Business Studies
<b>QQI Code:</b>	5M2102
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to help students develop the essential accounting and financial knowledge and skills which form the basis for a career in industry, commerce or the public service. The course comprises both theoretical and practical modules, and students will gain an understanding of both manual and integrated accounting software. There is a focus in this course on the functional areas of accounting, finance and business and the factors which influence business success.

## Career Opportunities:

With this course, students can go on to pursue a career in such

diverse areas such as accounting, finance, retail, marketing and IT.

## Progression Opportunities:

**At Cavan Institute:** Upon successful completion of this programme, students may progress to the one-year level 6 QQI courses, Administration and IT for Business or Business Studies (Year 2). They may also progress to the ATI Accounting Technicians Ireland course, also available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Accounting Manual and Computerised  
Applied Economics  
Business Law  
Taxation  
Work Experience

Bookkeeping Manual and Computerised  
Business Administration  
Financial Services  
Communications





# Complementary Therapies

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Community Health Services ITEC (International Therapy Examination Council)*
<b>QQI Code:</b>	5M4468
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is suitable for individuals who have an interest in holistic therapies and would like to pursue a career in this area or add to existing qualifications. It is aimed at giving a comprehensive understanding in a wide variety of the most popular therapies leading to internationally recognised qualifications. Students get hand-on experience and real world experience through providing supervised

treatments in the clinic on campus. There is a focus on this course on practicing treatments and developing existing skills to industry standard. Work experience in complementary therapy is an integral part of the course. In order to complete the course successfully, students must meet all the necessary criteria as stipulated by the international examination bodies, including completion of required course hours and project work.

## Career Opportunities:

Students who successfully complete this course may obtain positions as complementary therapists in beauty salons, hotel spas, health centres, healing centres, or they may become sales representatives

and trainers for health products. Graduates of this course have the necessary qualifications to start their own business. The Internationally recognised diplomas that Cavan Institute offer, provide a career passport for the more adventurous students who wish to see the world, excellent job opportunities are also available on cruise liners.

## Progression Opportunities:

Graduates of this course are eligible to apply through the CAO and/or Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

<b>Anatomy &amp; Physiology</b>	<b>Reflexology</b>	<b>Indian Head Massage</b>
<b>Work Experience</b>	<b>Body Massage &amp; Figure Analysis</b>	<b>Beauty Industry Ethics &amp; Practice</b>
<b>Nutrition</b>	<b>Personal Effectiveness</b>	<b>Professional Conduct &amp; Business Awareness</b>

### Additional Qualifications:

- \* ITEC Diploma in Aromatherapy
- \* ITEC Diploma in Holistic Massage



# Make-up Artistry

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Make-up Artistry ITEC (International Therapy Examination Council)*
<b>QQI Code:</b>	5M5265
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for those who wish to qualify as a professional make-up artist. It covers all aspect of make-up artistry, including fashion, theatre, TV, film and special effects make-up. It combines the technical skills and artistic elements required of a make-up artist with a focus on fashion co-ordination, hair styles and special effects. This course covers the skills required to perform effective make-up techniques suitable for various professional media, theatre and stage productions. As part of this course, students create make-up looks for fashion

shows, magazine shoots and theatrical performances and in the process develop a comprehensive portfolio featuring a range of different looks.

## Career Opportunities:

Employment opportunities exist in a variety of industries, including theatre, film and television and on a range of media productions, including editorials and high fashion (catwalk). Graduates of this course can expect to find employment with international cosmetic companies, as cosmetic consultants/make-up artists and cosmetic counter managers.



## Course Content:

Beauty Industry Ethics and Practice  
Period and Theatrical Make-up  
Specialised Make-up Effects  
Communications

Skin Care, Eye Treatments and Make-up  
Fashion and Media Make-up  
Postiche  
Work Experience

### Additional Qualifications:

- \* ITEC Diploma in Fashion, Theatre and Media Make-up
- \* ITEC Diploma in Fashion and Photography Make-up



# Nail and Beauty Care

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Beauty Therapy ITEC (International Therapy Examination Council)*
<b>QQI Code:</b>	5M3471
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students who are interested in the area of nail extensions. It will provide students with the skills, knowledge and qualifications required to work as a nail technician. Further, it will also equip students to efficiently carry out tanning and nail art treatments. Students will study and practice manicure treatments, pedicure treatments, nail extension systems (gel, acrylic, fiberglass, overlays), nail art, anatomy and physiology and product knowledge/cosmetic science. Work experience is an integral part of the nail technician course.

## Career Opportunities:

Graduates of the course may obtain employment in nail bars, tanning studios, health spas, beauty salons, sales representatives or be self-employed. As this course is recognised internationally, students are insurable and can travel with their qualifications.



## Course Content:

**Manicure, Pedicure and Waxing**  
**Skin Care, Eye Treatments and Make-up**  
**Customer Service**  
**Anatomy and Physiology**

*Additional Qualifications:*

\* ITEC Diploma in Nail Technology

**Beauty Industry Ethics and Practice**  
**Nail Technology**  
**Work Experience**  
**Body Massage and Figure Analysis**



# Beauty Therapy (Year 1)

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Beauty Therapy ITEC (International Therapy Examination Council)*
<b>QQI Code:</b>	5M3471
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course provides training in a wide range of aesthetic beauty and holistic treatments, including workshops in spray tanning, nail art and specialised waxing. Working with world-renowned professional skincare products, such as Dermalogica, students gain invaluable practical experience and essential skills for working in the beauty industry. There is a strong

emphasis on theory as well as practical work and a high level of commitment is required. Students complete case studies on guest clients for each module, performing facial, waxing, manicure, pedicure and make up treatments. They also carry out work experience in a beauty salon/health spa of their choice, where they get a true insight into the professional beauty industry.

## Career Opportunities:

Graduates may pursue a career in one of the many sectors of the beauty industry, including in beauty salons and nail bars, on cosmetic counters, and as product representatives and skincare consultants. The ITEC

Diploma is the leading international qualification for Beauty Therapists, recognised in countries worldwide.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the QQI level 6 Beauty Therapy (Year 2) course.

**Elsewhere:** Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Anatomy and Physiology  
Body Massage and Figure Analysis  
Manicure, Pedicure and Waxing

Team working  
Facial Electrics  
Work Experience

Beauty Therapy Industry Ethics and Practice  
Skin Care, Eye Treatments and Make-up

### Additional Qualifications:

- \* ITEC Diploma for Beauty Specialists
- \* ITEC Diploma in Facial Electrical Treatments



## Beauty Therapy (Year 2)

<b>Course level:</b>	6
<b>Certification:</b>	QQI Level 6 Certificate in Beauty Therapy
	ITEC (International Therapy Examinations Council)*
	CIBTAC (Confederation of International Beauty Therapy and Cosmetology)**
	CIDESCO (Comité International d'Esthétique et de Cosmétologie)***
<b>QQI Code:</b>	6M3479
<b>Duration:</b>	1 Year



### Entry Requirements:

QQI level 5 award in Beauty Therapy or equivalent. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

### Course Description:

This course allows students to advance their professional skills and add to their existing qualifications. Students will work with world-renowned professional skincare and body products, such as Yonka, to develop practical expertise in a range of treatments. Students will complete case studies on guest clients for each module, performing treatments such as body massage and figure analysis, epilation, microdermabrasion and IPL, and learning correct use of electrical machines. As part of this course, students actively design, set up and

participate in the Institute's commercial salon, which runs on a weekly basis. This experience empowers the students, building their confidence to make the transition to professional beauty therapist. Additional workshops may be offered in gel nails, specialised waxing, hot stones and hopi ear candling.

### Career Opportunities:

Graduates may pursue a career in one of the many sectors of the beauty industry, including beauty salons, laser clinics, health spas, nail bars, massage clinics, cruise ships, cosmetic counters, product representatives and skincare consultants. ITEC, CIBTAC and CIDESCO diplomas are the leading international qualifications for Beauty Therapists, recognised in countries worldwide.

### Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



### Course Content:

**Body and Beauty Science and Treatments**  
**Personal and Professional Development**  
**Microdermabrasion and Laser IPL**

**Work Experience**  
**Electrical Epilation**  
**Indian Head Massage**

**Body Electrics**  
**Anatomy and Physiology**

#### Additional Qualifications:

- \* ITEC Diploma in Body Treatments
- \* ITEC Diploma in Epilation

- \*\* CIBTAC Electrical Epilation Diploma
- \*\*\* CIDESCO International Diploma



# Interior Architecture

<b>Course Level:</b>	<b>5</b>
<b>Award Title:</b>	<b>QQI Level 5 Certificate in Interior Design</b>
<b>QQI Code:</b>	<b>5M5054</b>
<b>Duration:</b>	<b>1 Year</b>



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to give students a firm foundation in the skills necessary for a career in interior architecture. Students will gain design, representation and analytical skills in a studio-based environment. There is a strong emphasis on problem solving, including the ability to think creatively, three-dimensionally and technically. Students will gain exposure to skills relating to the construction, refurbishment, retrofit and fit-out of both new and existing buildings. Design communication skills will enable students to draw and communicate using conventional hand-drawing techniques, 2D AutoCAD and 2D/3D Parametric CAD.

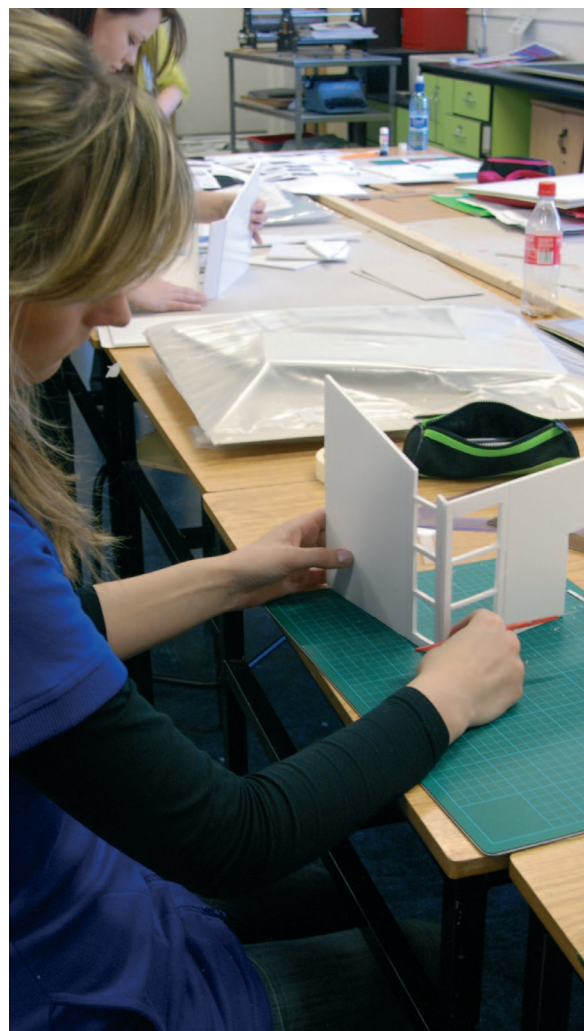
## Career Opportunities:

Graduates of this course will have the skills necessary to pursue a career in architecture, interior design and interior architecture. The course may also appeal to those interested in working on a self-employed basis, working in retail display or working in design industries.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the Level 6 course in Architectural Technology and Design at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Materials and Finishes**  
**Building Construction**  
**Image Processing**  
**Communications**

**Architectural Drawing**  
**Computer-Aided Draughting (2D)**  
**Design Skills**  
**Work Experience**

# Architectural Technology and Design (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Computer Aided Design
<b>QQI Code:</b>	5M1940
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to give students a firm foundation in Computer Aided Design (CAD). CAD technology is used to create graphics and make calculations needed in the production of drawings, three-dimensional simulations, models and other design work. The course enables students to gain a knowledge of architectural design and the built environment, while considering construction materials and the needs of clients. CAD is used in a variety of areas, including aeronautical, automotive and maritime engineering, electronics and architecture. Students gain hands on experience of the latest technologies in use in these industries.

## Career Opportunities:

This course will give students a firm foundation in the skills required for employment in the area of CAD. Graduates with skills in architectural drawing, CAD and Parametric CAD are highly sought after in all areas of the economy.

## Progression Opportunities:

**At Cavan Institute:** Upon successful completion of this course, you may progress to a level 6 course in Architectural Technology and Design (Year 2) or in Renewable Energy Technology and Automation, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities



## Course Content:

Architectural Drawing  
Computer-Aided Draughting (2D)  
Communications  
Parametric CAD  
Renewable Energy Systems

Building Construction  
Design Skills  
Mathematics  
Work Experience  
Combined Materials



# Sustainable Energy and Construction Technology

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Construction Technology
<b>QQI Code:</b>	5M5010
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is aimed at people who wish to embark on a career or gain qualifications in the construction industry, with a particular emphasis on renewable energy technology. It is designed to equip students with the knowledge and skills associated with environmentally sustainable building and construction technology. The course enables students to develop practical skills in the areas of building construction and wood fabrication.

## Career Opportunities:

This course prepares you for a wide range of jobs, including employment with building contractors/developers,

architects, quantity surveyors and local authorities. Graduates are also prepared for work with manufacturers and suppliers of building products and materials.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the following level 6 courses: Renewable and Engineering Technology, Furniture Design (Year 2) or Architectural Technology and Design (Year 2), all available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Building Construction  
Parametric CAD  
Renewable Energy Systems  
Work Experience  
Mathematics

Architectural Drawing  
Computer-Aided Draughting (2D)  
Thermal Performance of Buildings  
Communications

# Architectural Technology and Design (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Architectural Technology and Design
<b>QQI Code:</b>	6M4989
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award or Equivalent in a related discipline, such as CAD, construction or furniture design. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This is a follow-on course from any of the following QQI level 5 courses available at Cavan Institute (or elsewhere), such as Architectural Technology and Design (Year 1), Sustainable Energy and Construction Technology, Interior Architecture or 3D Design and Graphics. It will enable students to gain advanced architectural technology and design skills. Students gain hands-on experience in the use of the latest technologies including Autodesk Architectural Desktop and Graphisoft ArchiCAD.

## Career Opportunities:

Graduates with skills in ArchiCAD and Computer Aided Draughting (CAD) are highly sought after in many sectors of the economy. Most architectural technicians work for private architectural practices, government departments, local authorities, or semi state agencies. There are also job opportunities in architectural technology, architectural graphics and model making.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Architectural Drawing and Presentation**  
**Building Technology and Design**  
**Design Skills**  
**Computer-Aided Design (3D)**  
**Work Experience**

**Computer-Aided Draughting**  
**Surveying**  
**Architectural Model Making**  
**Team Leadership**







# Business Studies (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Business Studies
<b>QQI Code:</b>	5M2102
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to give students an in-depth knowledge of concepts relevant to the business world with an emphasis on accounting, administration, marketing and computing. It is ideal for students who wish to pursue further studies in Business Studies at level 6 or higher.

## Career Opportunities:

This course provides students with a general qualification in business and will provide opportunities to work in diverse areas such as Finance, Retail, Marketing and IT.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the QQI level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Accounting Manual and Computerised  
Business Administration Skills

Business Law

Spreadsheet Methods

Communications

Choice of French, German or Spanish ab initio

Bookkeeping Manual and Computerised

Applied Economics

Marketing Practice

Word Processing

Work Experience



# Essential IT Skills for the Modern Office

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Business Studies
<b>QQI Code:</b>	5M2102
<b>Duration:</b>	1 Year



## Entry Requirements:

This course has been designed for mature applicants. No prior qualifications required.

## Course Description:

This course is designed with the needs of the adult learner in mind. It is designed to suit adults who may have been in the work force before but now need to update and develop new skills in the office administration area. It also suits adults who want to acquire computer skills for the first time. This course provides students with the necessary skills to work in the general office environment. The timetable for this course is family friendly.

## Career Opportunities:

Students who successfully complete this course should have the necessary skills to pursue a career with commercial, financial, insurance and professional organisations, public bodies and call centres.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the QQI level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Accounting Manual and Computerised  
Business Administration Skills  
Word Processing  
Text Production**

**Work Experience  
Spreadsheet Methods  
Communications  
Database Methods**

# Business Administration

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Business Administration
<b>QQI Code:</b>	5M2468
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to provide you with a comprehensive overview of what is involved in the administrative function of a business. It covers technologies and practices which are essential in a modern organisational environment. Students will learn about the financial aspects of business administration and they will develop administration skills and abilities to carry out a range of IT functions appropriate to a business organisation.

## Career Opportunities:

Students who successfully complete this course should have the necessary skills to

carry out administrative duties in a range of organisations, for example, SMEs, financial, insurance and professional organisations, public bodies and call centres.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Business Administration Skills**  
**Bookkeeping Manual and Computerised**  
**Work Experience**  
**Spreadsheet Methods**  
**Word Processing**

**Accounting Manual and Computerised**  
**Communications**  
**Database Methods**  
**Payroll Manual and Computerised**







# Office Administration – Insurance and Banking

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Office Administration
<b>QQI Code:</b>	5M1997
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to provide students with a broad and balanced skills base to enable them to work in an administrative area in any business sector. The financial services sector is a highly complex and heavily regulated sector within the Irish economy. Banks, insurance companies, credit unions and funds management companies

are at the centre of this sector. The specialist modules in this course provide students with an insight into this sector including the organisation structures, the regulatory environment and roles and responsibilities of the key players. These specialist modules will complement the core modules in the course and prepare students for employment within the financial services sector.

## Career Opportunities:

This course equips students with the qualifications and skills for employment in office administration. The specialist modules enhances employment opportunities in the financial services sector.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the QQI level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Information and Administration  
Text Production  
Customer Service  
Database Methods  
Work Experience

Word Processing  
Insurance and Banking Studies  
Communications  
Spreadsheet Methods  
Bookkeeping Manual and Computerised



# Office Administration – Medical

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Office Administration
<b>QQI Code:</b>	5M1997
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to provide students with a broad and balanced skills base to enable them to work in the medical sector, but these skills could be applied to any business sector. Students pursuing this course will also study other modules to complement the core modules for preparation for employment as a medical secretary.

A range of organisation skills, software applications and key communication skills, both written and verbal also feature in the course. The student is introduced to the world of legal and medical practice. Medical Terminology provides students with the theoretical knowledge and practical skills required to pursue an administrative career in healthcare or related fields.

## Career Opportunities:

This course equips students with the qualifications and skills for employment in office administration. The specialist modules enhance employment opportunities to work in a busy medical practice or a healthcare setting.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



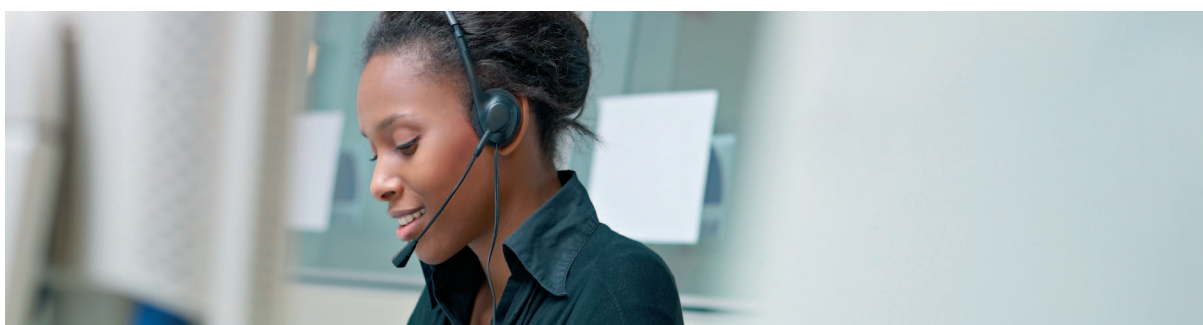
## Course Content:

Information and Administration  
Medical Terminology  
Database Methods  
Text Production  
Work Experience

Word Processing  
Communications  
Business Law  
Spreadsheet Methods  
Bookkeeping Manual and Computerised

# Reception and Frontline Office Management

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Office Administration
<b>QQI Code:</b>	5M1997
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to provide students with a broad and balanced skills base to enable them to work in an administrative area in any business sector. First impressions and perception are very important concepts in business. Front office specialists and receptionists are the first line of contact for the organisation and convey the business ethos to cus-

tomers. Students will develop additional skills tailored for the front office including modern telephone techniques, listening skills, dealing with complaints, keyboard techniques and software applications. Developing a professional image and role play feature strongly in this course. These specialist modules will complement the core modules in the course and prepare students for employment as a receptionist or front office specialist.

## Career Opportunities:

This course equips students with the qualifications and skills for employment in office administration. The specialist modules enhance employment opportunities to work as a receptionist

or front office specialist.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 Certificate in Administration and IT for Business or the level 6 Business Studies (Year 2) course, both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Information and Administration  
Insurance and Banking Studies  
Bookkeeping Manual and Computerised  
Text Production  
Work Experience

Word Processing  
Communications  
Database Methods  
Spreadsheet Methods  
Reception and Frontline Office Skills



# Digital Marketing

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Marketing
<b>QQI Code:</b>	5M2069
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Marketing is essential to all businesses if they want to get their product or service known to the general public or if they want to grow and expand their business. Most businesses are now aware of the important role played by online marketing, particularly through social media. This course is designed to equip students with knowledge of marketing and advertising, with a particular focus on the world of digital and online marketing. The course would appeal to students who wish to gain employment or pursue further study in this area.

## Career Opportunities:

This course provides students with a general qualification in marketing and will provide opportunities to work in diverse areas such as sales and marketing, brand management, social media marketing and advertising.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 Business Studies (Year 2) course available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Advertising  
Communications  
Digital Marketing  
Work Experience

Media Analysis  
eBusiness  
Marketing Practice

Web Authoring  
The Internet  
Statistics

## Business Studies (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Business
<b>QQI Code:</b>	6M4985
<b>Duration:</b>	1 Year



### Entry Requirements:

QQI Level 5 Award or Equivalent in a related discipline, such as business studies, business administration, marketing, retail practice or office administration. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

### Course Description:

This one year course prepares students for employment in the business, finance and IT sector. The course is designed for those who wish to gain advanced knowledge, skills and competence in general business subjects, such as management, finance, law and marketing.

### Career Opportunities:

Students who successfully complete this course will have the necessary skills to take up employment in retail, banking, insurance, commercial and service industries, as well as bodies including the civil service and local authorities.

### Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



### Course Content:

**Business Management**  
**Work Experience**  
**Word Processing**  
**Database Methods**  
**Banking and Insurance**

**Communications**  
**Business Law**  
**Spreadsheets**  
**Finance**  
**Front Office Skills**



# Administration and IT for Business

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Administration
<b>QQI Code:</b>	6M5013
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award or Equivalent in a related discipline, such as office administration or business studies. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This one-year course prepares students for employment in the business, finance and IT sector. The course is designed for those who wish to gain advanced skills in office administration, IT skills, payroll and book-keeping techniques. A wide range of computer packages are taught in line with the requirements of the modern office.

## Career Opportunities:

Students who successfully complete this course will have the necessary skills to take up employment in banking,

insurance, commercial and service Industries, as well as bodies including the civil service and local authorities. Students will have acquired the basic knowledge to advance within organisations, in such areas as management, administration and eCommerce.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Administration Practice  
Bookkeeping Manual and Computerised  
Front Office Skills  
Word Processing  
Communications

Payroll Manual and Computerised  
Banking and Insurance  
Spreadsheets  
Work Experience

# Higher Certificate in Business

Delivered in Conjunction with Athlone Institute of Technology



<b>Course Level:</b>	6
<b>Award Title:</b>	Higher Certificate in Business
<b>AIT Code:</b>	AL650
<b>Duration:</b>	2 Years

(Year 1 in Cavan Institute, Year 2 in AIT)



## Entry Requirements:

Leaving certificate candidates, please refer to the AIT website for entry requirements. Students who present with a QQI level 5 award are also eligible to apply. All applicants should check with AIT to ensure that they present with the appropriate modules/subjects/minimum grades.

## Course Description:

This is a two-year, full-time Higher Certificate course, which will give you the business knowledge and skills to form the basis of a career in industry, commerce or the public service. You will gain an understanding of the functional areas of business and of the factors which influence business success. The second year of the course is undertaken in Athlone Institute of Technology (AIT).

## Career Opportunities:

Graduates of this course have secured employment in areas such as accounting, banking, insurance, marketing, management, administration, retail services and computing.

## Progression Opportunities:

Holders of this Higher Certificate are eligible to apply to join the Bachelor of Business (Level 7) at Athlone Institute of Technology. Alternatively they may avail of the exemptions granted by one of the professional bodies and apply for a full-time accountancy studies course at Athlone Institute of Technology.



## Course Content:

Year 1 (at Cavan Institute)	<b>Financial Accounting</b> <b>Computer Applications</b> <b>Business Maths</b> <b>Learning &amp; Development for Higher Education</b>	<b>Macro Economics for Business</b> <b>Micro Economics for Business</b> <b>Management</b> <b>Marketing</b>
Year 2 (at AIT)	<b>Human Resource Management</b> <b>Marketing Management in a Digital Age</b>	<b>Management Accounting</b> <b>IT and Computer Applications</b>
Electives:	<b>Banking, Financial Accounting, Applied Economics, International Economics, e-Business, Services Marketing, Operations and Supply Chain Management, Applied Entrepreneurship, French, German, Spanish ab initio.</b>	



# Childcare

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Early Childhood Care and Education
<b>QQI Code:</b>	5M2009
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

The demand for qualified childcare professionals has increased significantly in recent years. This course offers a comprehensive preparation for a career in early years care and education. Students receive training in practical, social and legal aspects of the profession. A qualification in childcare is a requirement for childcare staff under the government's Early Childhood Care and Education (ECCE) scheme. This qualification allows you to work in a variety of childcare settings or as a special needs assistant. As part of the course, students undertake placement in a range of childcare settings. Many childcare settings in Ireland are now seeking QQI

level 5 qualifications for their employees in line with the requirements of the ECCE (Early Childhood Care and Education) scheme and new legislative requirements for the sector.

## Career Opportunities:

This course will give students a firm foundation in the qualities and skills required for employment in the childcare sector.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course at Cavan Institute to qualify with a Level 6 Certificate in Early Childhood Care and Education.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Approaches to Early Childhood Education  
Child Health and Well Being  
Creative Arts for Early Childhood  
Early Care and Education Practice  
Word Processing  
Occupational First Aid

Child Development  
Communications  
Early Childhood Education and Play  
Infant and Toddler Years  
Work Experience

# Childcare – Special Needs Assistant

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Early Childhood Care and Education
<b>QQI Code:</b>	5M2009
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course will provide students with the knowledge, skills and qualifications necessary to pursue a career in the area of early years care and education. This childcare course will offer additional opportunities for students who wish to specialise in working as a special needs assistant in a variety of early years care and education settings. Students will receive training in the basic practical skills, knowledge and understanding of the role of the special needs assistant in crèches, playschools, primary schools, etc. Many childcare settings in Ireland are now seeking QQI level 5 qualifications for their employees in line with the requirements of the

ECCE (Early Childhood Care and Education) scheme and new legislative requirements for the sector.

## Career Opportunities:

This course will give students a firm foundation in the qualities and skills required for employment as a childcare worker in crèches and playschools and as a classroom assistant in a special national school.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to study for a Level 6 Certificate in Early Childhood Care and Education.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular Institution regarding local eligibility requirements).



## Course Content:

Child Development  
Communications  
Children with Additional Needs  
Infant and Toddler Years  
Word Processing  
Occupational First Aid

Child Health and Well Being  
Early Childhood Education and Play  
Early Care and Education Practice  
Special Needs Assisting  
Work Experience







# Early Childhood Care and Education

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Early Childhood Care and Education
<b>QQI Code:</b>	6M2007
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award in Early Childhood Care or Equivalent. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This course aims to build on the knowledge and skills and competencies of those who achieved a QQI level 5 qualification and wish to progress to managerial level. The course is designed to meet the needs of the growing childcare provision in Ireland and the Siolta Quality Framework and Aistear Curriculum. Many childcare settings are now seeking level 6 qualifications for their employees in line with the requirements of the ECCE scheme and new legislative requirements for the sector.

## Career Opportunities:

Holders of a Level 6 Early Childhood Care and Education award may enter employment directly in a supervisory role in a range of childcare settings.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Child Development  
Early Learning Environment  
Team Leadership  
Special Needs Assisting  
Occupational First Aid

Early Childhood Curriculum  
Childhood Social, Legal and Health Studies  
Early Childhood Literacy and Numeracy  
Work Experience







# Computer and Network Technician (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Computer Systems and Networks
<b>QQI Code:</b>	5M0536
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Technology is part of how we live and work now and into the future. This course is designed to give each student a firm foundation in the skills required to work as a computer and network technician. Students are given the opportunity to identify the components of a computer and learn how they work. As part of this course students, will be required to assemble and disassemble a personal computer (PC), troubleshoot PC hardware and software problems, and build and maintain a peer-to-peer local area network. Throughout the course there is a focus on the development of 'soft skills'

such as problem solving, communications and team working. All subjects are taught in a career-focused and interactive way.

## Career Opportunities

Over the past decade there has been a sharp increase in the demand for IT professionals in Ireland and abroad. Most of the world's major multinational, high-tech companies have bases in Ireland. These companies include Amazon, Apple, Dropbox, eBay, Facebook, Google, IBM, Intel, Microsoft, Oracle, PayPal, Salesforce, SAP AG, Symantec and Twitter. These companies, and 1000s of smaller indigenous companies, have a constant need to hire graduates and experienced IT professionals. The Computer and Network Technician courses at Cavan Institute put you on this career path. Jobs for graduates with a degree in an IT discipline are virtually guaranteed.

## Progression Opportunities

**Within Cavan Institute:** Students who successfully complete this course meet the entry requirements for two level 6 courses offered at Cavan Institute: Computer and Network Technician (Year 2) and Software Development (Year 2). Graduates are also eligible to apply directly to Cavan Institute to enter year 1 of the B.Sc. (Level 7 degree) in Computing run in conjunction with Letterkenny Institute of Technology.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Computer Systems Hardware  
Networking Essentials  
Operating Systems  
Programming and Design Principles  
Maths for Information Technology  
Virtualisation Support

ICT Security Policy and Management  
Communications  
Work Experience

*Students will also be given the opportunity to prepare for and achieve certification in the Microsoft Technical Associate Networking Fundamentals exam (at no additional cost).*





# Software Development (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Software Development
<b>QQI Code:</b>	5M0529
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to give students a firm foundation in the skills required to develop software. Software development involves writing and testing computer programs to meet a customer's needs. Students are introduced to the basics of programming using the Python programming language. Once the basic principles of programming are understood students move on to more advanced concepts using the popular Java programming language. Throughout the course there is a focus on the development of 'soft skills' such as problem solving, communications and team working. Students learn

how to identify and document customer requirements. Programming is taught in a career-focused and interactive way.

## Career Opportunities:

Over the past decade there has been a sharp increase in the demand for software developers in Ireland and abroad. Examples of opportunities that exist are: computer programming, system analysis and design, software testing, technical writer, database administrator, technical support as well as website design and development. With some experience careers also exist in the areas of system architecture, project management, marketing, sales, and the very lucrative software consultancy business. The software development courses at Cavan Institute put you on this career path.

## Progression Opportunities:

**At Cavan Institute:** Students who successfully complete this course meet the entry requirements for a range of level 6 courses offered at Cavan Institute, including Software Development (Year 2), Computer Games Development and Computer and Network Technician (Year 2). Graduates of this course are eligible to apply directly to Cavan Institute to enter year 1 of the B.Sc. (Level 7 degree) in Computing run in conjunction with Letterkenny Institute of Technology.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Programming and Design Principles  
Fundamentals of Object Oriented Programming  
Software Architecture  
Computer Systems Hardware  
Operating Systems  
Database Methods  
Maths for Information Technology

Communications  
Work Experience

*Students will also be given the opportunity to prepare for and achieve certification in the much sought after Oracle Java Foundations Certified Junior Associate (novice-level certification) at no additional cost.*



# Computer Games Design

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Creative Media
<b>QQI Code:</b>	5M5048
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

The purpose of this course is to provide students with a firm foundation in computer games design. Students will gain the necessary knowledge and skills fundamental to the craft of games design. Although the emphasis of the course is on principles of design, the course provides exposure to all aspects of games development from initial concept, to storyboard creation and from design right through to the development stage culminating in the design of fully functioning 2D and 3D games.

## Career Opportunities:

There is a growing demand for

games designers both in Ireland and abroad. Ireland is now host to a number of leading computer games design companies and the career opportunities in this sector are growing.

## Progression Opportunities:

**At Cavan Institute:** Students who successfully complete this course meet the entry requirements for the level 6 Computer Games Development course or the level 6 Multimedia and Web Development (Year 2) course at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Animation  
Communications  
Design Skills  
Image Processing  
Work Experience

Animation Drawing Studies  
Computer 3D Modelling and Animation  
Games Analysis Design  
Web Authoring  
Music Technology



# Computer Games Programming

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Software Development
<b>QQI Code:</b>	5M0529
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

The purpose of the course is to provide students with a firm foundation in the craft of writing computer programs and creating 2D and 3D computer games. Students will gain the necessary knowledge and skills to understand how computers work and can be used to model the physical behaviour of real world objects. This course enables students to appreciate the programming considerations that arise with different game genres such as adventure, First Person Shooter (FPS), Role Playing Games (RPGs), strategy, fighting and sports games. Students will play and critique a variety of games

on a selection of popular platforms (e.g., X-Box, PS3, PC, etc); use specialised game engine tools to create their own game components (levels, maps, characters, etc); write and test their own computer games (2D and 3D) as well as develop important life skills, including effective communication techniques, teamwork and independent learning.

## Career Opportunities:

The games industry is one of the fastest growing industries in the world and opportunities are plentiful both in Ireland and abroad. Examples of jobs titles include animator, background artist, game programmer, engine programmer, modeler, designer, script writer and game tester. Current skills shortages in these areas means employment is virtually guaranteed, particularly for degree level graduates.

## Progression Opportunities:

**At Cavan Institute:** Students who successfully complete this course meet the entry requirements for a range of level 6 courses offered at Cavan Institute, including Software Development (Year 2), Computer Games Development (Year 2) and Computer and Network Technician (Year 2). Graduates of this course are eligible to apply directly to Cavan Institute to enter year 1 of the B.Sc. (Level 7 degree) in Computing run in conjunction with Letterkenny Institute of Technology.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Games Analysis and Design  
Image Processing  
Programming and Design Principles  
Fundamentals of Object Oriented Programming  
Design Skills  
Software Architecture  
Computer Systems Hardware

Operating Systems  
Maths for Information Technology  
Communications  
Work Experience

*Students will also be given the opportunity to prepare for and achieve certification in Oracle Java Foundations Certified Junior Associate (novice-level certification)*

**ORACLE**  
Certified Junior Associate

# Multimedia and Web Development (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Multimedia Production
<b>QQI Code:</b>	5M2146
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed to assist students in the development of a broad range of skills in computer graphics, video editing, interactivity, and web design. The emphasis is on using digital media for design purposes. The students explore the use of cross-platform software (Apple Macs and PCs) to plan, design and produce websites incorporating many multimedia features. Digital movies are recorded and edited using industry standard software, Premiere Pro. Students create and develop a wide variety of graphics suitable for print media and the web.

## Career Opportunities:

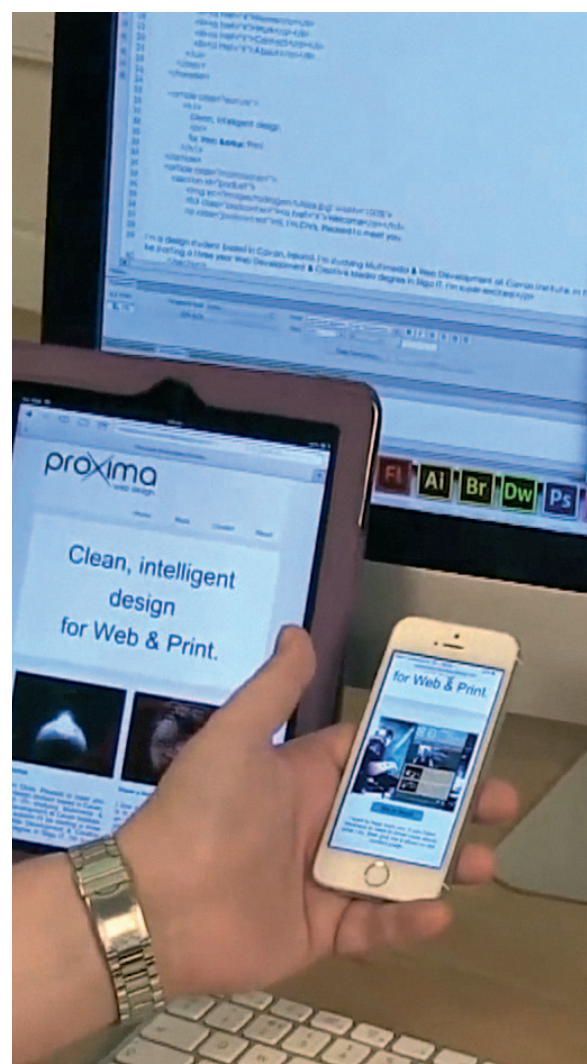
Employment in this sector

continues to grow rapidly and graduates in this area are very much in demand in the multimedia sector. Graduates will be competent to take up employment in the numerous multimedia-related industries. Current employment opportunities lie in the areas of web design, graphic design, advertising, animation creation, digital image processing/editing and computer-based training.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course, Multimedia and Web Development (Year 2).

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Communications  
Image Processing  
Multimedia Project Development  
Digital Marketing

Design Skills  
Media Analysis  
Web Authoring

Digital Movie Processing  
Multimedia Authoring  
Work Experience



# Computer and Network Technician (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Computer Systems and Networks
<b>QQI Code:</b>	6M0695
<b>Duration:</b>	1 Year



## Entry Requirements:

Students should have successfully completed an appropriate QQI Level 5 course such as Computer and Network Technician (Year 1), Software Development (Year 1), or Computer Games Programming or Design, all available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate relevant interest and experience.

## Course Description:

This course has a significant practical component, designed to give students the necessary skills to plan, deploy and maintain a fully featured client/server network (and the linking of LANs in a Wide Area Network) in a functioning business environment. Participants will be trained on the client/server networked environment incorporating physical, virtual, on premise and cloud technologies. The course provides comprehensive

coverage of networking topics, from fundamentals to advanced applications and services, with opportunities for hands-on practical experience and career skills development. The two-year Computer and Network Technician programme is closely aligned to the Cisco CCNA professional qualification. This is a global qualification recognised by the IT industry. Students who complete the two years will have gained a strong foundation to progress to full CCNA certification. In partnership with schools and organisations around the world, Cisco Networking Academy delivers a comprehensive learning experience to help students develop ICT skills for career opportunities, continuing education and globally recognised career certifications.

## Career Opportunities:

There is a growing demand for Computer Technicians who can lead in a team environment, diagnose and solve server problems, as well as manage

computer networks (security and performance). Students who complete this course successfully will be prepared for immediate entry into the employment market as Computer and Network Technicians. Such staff are needed in many large companies with on-site IT maintenance staff, including PC manufacturing companies, as well as networking and maintenance companies.

## Progression Opportunities:

Graduates are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Physical and Logical Networking  
Systems Software  
Information Technology Administration  
Network Infrastructure  
Virtualisation Support  
Mathematics

Network Security  
Communications  
Work Experience

*Students will also be given the opportunity to prepare for and achieve certification as a Cisco Certified Network Associate (at no additional cost).*



# Software Development (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Software Development
<b>QQI Code:</b>	6M0691
<b>Duration:</b>	1 Year



## Entry Requirements:

Students should have successfully completed an appropriate QQI Level 5 award such as Software Development (Year 1), Computer and Network Maintenance (Year 1) or Computer Games Programming or Design, all available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate relevant interest and experience.

## Course Description:

The course provides students with the opportunity to become skilled in the highly sought after art of computer programming. Participants will build on their existing knowledge of software development. The main programming languages taught are Java and Visual Basic. On this course Java is used mainly to build mobile apps for the Android platform whereas VB is used to teach Graphical User Interface (GUI) programming.

There is a strong emphasis on experiential learning with students learning by doing (rather than by observing). The range of subjects on offer reflects the strong employment demands and trends that currently exist within the software sector.

The inclusion of subjects such as Project Management, Mathematics, Communications and Software Architecture should greatly enhance employment prospects for successful graduates. The course is delivered over 4 days per week giving students the opportunity to use the 5th weekday to gain relevant work experience. This opportunity has led to gainful employment for many students in the past.

## Career Opportunities:

Ireland is widely recognised as Europe's premier location for software development. Opportunities are very plentiful in the areas of computer programming, system analysis and design, software testing,

technical writing, database administration, technical support as well as website design and development. Current skills shortages mean employment is virtually guaranteed, particularly for degree level graduates.

## Progression Opportunities:

Graduates are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements). Cavan Institute has a number of 'advanced entry' arrangements with a selection of Institutes of Technology whereby graduates who have successfully completed a level 6 course are eligible to apply for direct entry into year 2 of a 3-year Level 7 degree programme in a related discipline.



## Course Content:

Project Management  
Object Oriented Programming  
Software Architecture  
Graphical User Interface Programming  
Mathematics  
Relational Databases  
Mobile Technologies

Systems Software  
Customer Services  
Work Experience

**ORACLE**  
Certified Junior Associate

*Students will also be given the opportunity to prepare for and achieve certification in Oracle Java Foundations Certified Junior Associate (novice-level certification), at no additional cost.*



# Computer Games Development

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Digital Media Production
<b>QQI Code:</b>	6M20496
<b>Duration:</b>	1 Year



## Entry Requirements:

Students should have successfully completed an appropriate QQI Level 5 course such as Computer Games Design, Computer Games Programming, Multimedia and Web Development (Year 1) or Software Development (Year 1), all available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

The games development sector demands a range of skills across the creative, technical and commercial domains. As well as the obvious technical skills, success for games developers also relies on an ability

to manage and market their projects therefore the so-called soft skills within the multidisciplinary environment of the games sector are also needed. These include project management capabilities, team-working, problem solving, and communication skills. This course will assist learners to develop these technical, personal and interpersonal skills through the activities and projects taught as part of the course curriculum. These include 2D and 3D games development through multiple platforms, 3D modelling and animation, games programming, web and internet technology and professional portfolio development.

## Career Opportunities:

With the recent increase in home

game usage, online gaming and traditional PC and arcade games, this innovative sector continues to grow and expand at a rapid pace. Ireland is fast becoming the recognised world leader in game development. Consequently there has been a marked increase in the demand for games developers in recent years.

## Progression Opportunities:

Graduates are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Animating Characters in 3D Skills**  
**Communications**  
**Web Authoring**  
**Design Skills**  
**Multimedia Technology**

**Graphics and Animation**  
**Project Management**  
**Multimedia Sound**  
**Digital Imaging**  
**Work Experience**

# Multimedia and Web Development (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Digital Media Production
<b>QQI Code:</b>	6M20496
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award (or Equivalent) such as level 5 Multimedia and Web Development (Year 1) or Computer Games Design, both available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

This course is designed to give students a practical understanding of current and future multimedia developments, applications and technology. The course is geared towards digital video/sound, animation, web technology, responsive web design and multimedia content generation and transmission. Students gain experience in software programs such as Flash, Dreamweaver, Photoshop, Cubase, Illustrator and Premiere Pro. The course, although theoretical, is also very practical and provides participants with a thorough under-

standing of multimedia development. Students design, plan, create and report on projects undertaken during the year.

## Career Opportunities:

Employment in this sector continues to grow and graduates in this area are very much in demand in the multimedia sector. Graduates will be competent to take up employment in the numerous multimedia-related industries. Current employment opportunities lie in the areas of web design, graphic design, animation creation, digital image processing/editing, education and computer-based training.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Communications  
Editing Practice and Techniques  
Interactive Scripting  
Graphics and Animation  
Multimedia Technology  
Work Experience

Digital Imaging  
Digital Video Processing and Production  
Project Management  
Multimedia Sound  
Web Authoring





# BSc in Computing



lyit

Institiúid Teicneolaíochta Leitir Ceanainn  
Letterkenny Institute of Technology

<b>Course Level:</b>	7
<b>Award Title:</b>	Bachelor of Science in Computing
<b>Code:</b>	LY717
<b>Duration:</b>	3 Years) (Year 1 in Cavan Institute, Years 2 and 3 in Letterkenny IT)



## Entry Requirements:

Leaving certificate candidates, please refer to the LyIT website for entry requirements. Any relevant QQI Level 5 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This is a three-year, full-time, degree programme which provides students with the range of theoretical and practical skills required to participate fully in the rapidly growing computing industry. The ethos of the course is to provide a strong set of core competencies in general computing. These skills are typically required across all companies working in IT. Cavan Institute has partnered with Letterkenny Institute of Technology to deliver the first year of this degree programme in Cavan. Years two and three of the programme are delivered in Letterkenny. Students are registered as LyIT students for

the entire duration of the programme allowing them to avail of all of the facilities of both LyIT and Cavan Institute

## Career Opportunities:

During the past decade, Ireland has gained increasing recognition as Europe's premier location for software development. Current forecasts about the future of the computing industry in Ireland are excellent. It is projected that students who enter third level colleges this year are likely to find there are more professional computing jobs available when they graduate than there are computing graduates to fill them. Since the 1980s, most leading US software vendors, including Microsoft, Oracle, Google, Facebook and Symantec, have based their European operations centres in Ireland. The country has also become the number one site for software development in Europe. All the big players such as Microsoft, Google, EBay, Symantec and

Amazon are now based in Ireland. Ireland has now overtaken the USA as the biggest exporter of software in the world, with 60% of all software sold in Europe originating in Ireland. Career prospects for graduates of this programme are excellent.

## Progression Opportunities:

Upon successful completion of the three-year BSc in Computing, graduates may opt to complete their choice of a number of one-year, add-on programmes at LyIT to gain a level 8 BSc (Hons) in Computing with differing specialisations. Please see [www.lyit.ie](http://www.lyit.ie) for more details.



## Course Content (Year 1):

Computer Architecture  
Web Development  
Student Development  
Maths for Computing  
Operating Systems

Problem Solving with Robotics  
Introduction to Object Oriented Programming (1 & 2)  
Management Information Systems  
Personal and Professional Development







# Art, Craft and Design

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Art, Craft and Design
<b>QQI Code:</b>	5M1984
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students interested in building a portfolio in different areas of art, craft and design. It is of interest both to students who wish to pursue a career or progress to further study in this area. The programme covers a variety of disciplines, as listed below. Practical studio-based assignments that emphasise problem solving and critical thinking form the basis of class work. Individual studio space allows for development of creativity and challenges the student to become more inventive and confident in their strategic thinking. Visiting artist workshops are organised to encourage an understanding

of contemporary artistic practices and thinking. Students are given the opportunity to visit a number of exhibitions and art galleries throughout the academic year. An end of year show allows students to display work they have created in the course of the year.

## Career Opportunities:

Career prospects include employment in areas such as painting, graphic design, photography, fashion design, community art, illustration, arts administration and art teaching.

## Progression Opportunities:

Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Ceramics**  
**Drawing**  
**Painting**  
**Sculpture**  
**Communications**

**Design Skills**  
**Image Processing**  
**Printmaking**  
**Word Processing**  
**Work Experience**



# 3D Design and Graphics

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Design
<b>QQI Code:</b>	5M2208
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Mature applicants (aged over 23) who do not meet these entry requirements will still be considered.

## Course Description:

This course is structured to enable students to explore a diverse range of design disciplines. Students will gain a firm foundation in graphics, the design process and design theory in a studio-based environment. Using a hands-on approach, students will develop problem solving skills, including the ability to think creatively, three-dimensionally and technically. It is suited to students who

want to pursue a career in design and enhance their career opportunities by developing a portfolio. There will be an opportunity to specialise in a chosen design discipline (3D Product Construction).

## Career Opportunities:

Graduates of this course will have the skills necessary to pursue a career in any design discipline, including 3D product design, architecture, furniture design, interior design, interior architecture, set design and fashion design. The course may also appeal to those interested in working on a self-employed basis, working in retail display or working in design industries.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the following level 6 courses, Architectural Technology and Design (Year 2) and Furniture Design (Year 2), both available at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Design Skills  
Combined Materials  
Image Processing (PhotoShop)  
Computer 3D Modelling and Animation  
Work Experience

Drawing  
Computer Aided Draughting (2D)  
Furniture Making  
Communications  
Photographic Techniques

# Fashion Design

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Fashion Design
<b>QQI Code:</b>	5M3865
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Fashion design is an exciting career choice. Whether students wish to acquire sewing skills or aspire to design avant-gard creations, this course will build skills from beginner level through to an achievable, individual career path. Through a wide range of creative modules, from fashion and textiles through to millinery and costume design, students will gain professional skills within the broader fashion industry. Students will also develop technical skills in illustration, embroidery, garment construction and pattern drafting. The course is also suitable for students wishing to build a visual portfolio to gain entry to higher education.

## Career Opportunities:

Through this course, you will have gained creative and technical skills in the area of fashion design, preparing you for entry into employment or self-employment in the fashion industry and for further or third level studies in a related area.

## Progression Opportunities:

Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Design Skills**  
**Embroidery**  
**Fashion Industry and Design Studies**  
**Work Experience**  
**Printed Textiles**

**Drawing**  
**Garment Construction**  
**Pattern Drafting**  
**Personal Effectiveness**



# Furniture Design and Making (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Furniture Design and Making
<b>QQI Code:</b>	5M2012
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

The aim of this course is to provide students with the essential skills and capabilities to design, plan and produce quality fine furniture and other craft products. The course is strongly vocational as students' time is spent between the fully equipped workshop and the drawing and design studio. Students learn a variety of traditional and modern woodworking processes using the finest quality hardwoods, plastics, metals and other composite materials. As part of the course, students manufacture several articles of furniture which they have custom designed in their own style.

## Career Opportunities:

Career opportunities include apprenticeships in the wood-working trades, i.e., carpentry, joinery, cabinet making or a career in furniture, product, industrial or sustainable design.

## Progression Opportunities:

**At Cavan Institute:** Upon successful completion of this course, you can progress to the level 6 courses, Furniture Design (Year 2) or Architectural Technology and Design (Year 2), both available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Computer-Aided Draughting (2D)  
Drawing  
Art Woodwork  
Materials and Finishes  
Teamworking

Design Skills  
Furniture Making  
Wood Turning  
Wood Fabrication  
Work Experience

## Furniture Design (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Furniture Design and Making
<b>QQI Code:</b>	6M2230
<b>Duration:</b>	1 Year



### Entry Requirements:

Students should have successfully completed an appropriate QQI Level 5 course such as Furniture Design and Making (Year 1) available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

### Course Description:

This course is aimed at people who wish to pursue a career in furniture design and manu-

facture. The course is designed to provide the learner with the knowledge and skills associated with modern design techniques and furniture making technologies. Students on this course are encouraged to develop innovative approaches to producing quality furniture.

### Career Opportunities:

Graduates of this course will have acquired the skills necessary to work in the modern furniture making industry.

### Progression Opportunities:

Graduates are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



### Course Content:

Wood Finishing  
Computer-Aided Draughting  
Work Experience  
History of Furniture  
Furniture Restoration

Furniture Making with Machinery  
Furniture Design  
Design Skills  
Team Leadership  
Drawing



# Pre-University Mechatronics (Electronics)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Electronic Technology
<b>QQI Code:</b>	5M2061
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems that are used in modern manufacturing industries. Mechatronics is how high-tech manufacturing is done today and is becoming one of the fastest growing career areas. Mechatronics engineers design, build and operate intelligent machines such as the robots and flexible manufacturing systems of today and for tomorrow. If you enjoy building things, figuring out how things work and how they can work better and want to be able to use your qualifications to build and invent then this is

the right path for you. This is facilitated with modern well-equipped labs, online materials, lectures and assessment as well as on-site support from enthusiastic staff, willing to spend time helping students. At the outset, there is a strong emphasis on practical engineering subjects. The course also covers many of the theoretical aspects of Mechatronics but students also gain hands-on experience in the use of the latest technologies in this area. Through the Engineers Ireland accreditation process, Cavan Institute engineering programmes benefit from objective evaluation and approval, thereby ensuring they stand up to the best standards worldwide.

## Career Opportunities:

The integrated skills developed in mechatronics can be applied to a variety of jobs, enabling students to have a very promising career in the biomedical, pharmaceutical, food process-

ing and manufacturing sectors. Growth also in the electronics, telecommunications and computer industries has strengthened the demand for graduates in this area.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the following level 6 courses, Renewable and Engineering Technology (Year 2) or Computer and Network Technician (Year 2).

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



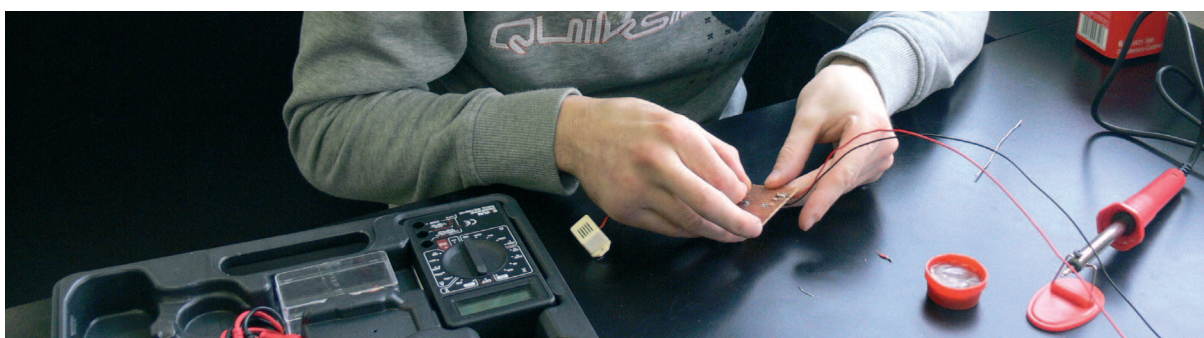
## Course Content:

Physics  
Communications  
Networking Essentials  
Control Systems  
Electronics

Word Processing  
Computer Aided Draughting  
Maths for Engineering  
Digital Electronics  
Work Experience

# Engineering Technology

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Engineering Technology
<b>QQI Code:</b>	5M2061
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course may be of interest to students who are considering pursuing a degree in engineering. It is also of particular relevance to those who require a science subject or mathematics to progress to further study. Upon completion of this course, students will have gained a theoretical understanding of, and acquired practical competencies in: common measuring and in-

spection techniques used in the engineering industry, the properties of engineering materials and common machining methods, the use of a range of tools and equipment (e.g. milling machine, lathe, drilling machine as well as a variety of other measuring and hand tools) as well as CNC programming. Students will also develop good work practices, including adherence to health and safety in an engineering workshop environment.

## Career Opportunities:

Careers for engineers exist across all industry sectors. Qualified engineers typically work in sectors such as energy, transport, medical science, pharmaceuticals, manufac-

turing, agriculture and waste management.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course, Renewable and Engineering Technology (Year 2), available at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Maths**

**Design Skills**

**Engineering Workshop Theory**

**Electronics**

**Engineering Workshop Processes**

**Communications**

**Computer 3D Modelling and Animation**

**Computer-Aided Draughting (2D)**

**Work Experience**



# Renewable Energy Technology and Control Systems (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Construction
<b>QQI Code:</b>	5M5010
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is aimed at those who wish to embark on a course of study leading to a career in renewable energy or a manufacturing environment. Renewable energy (RE) has seen rapid development in the last five years worldwide, especially in the area of wind turbines and small scale domestic systems. This course will enable students to develop an understanding of sustainabil-

ity issues and renewable energy systems, to examine the role of microprocessor control in industry, and to design and build a control system which requires a number of inputs and outputs. Students will develop knowledge, skills and competence in areas such as solar photovoltaic (PV), solar thermal and domestic wind turbine system specification and control systems used in industry.

## Career Opportunities:

Some of the career paths to which this course might lead include engineering management, sustainable design engineer, energy consultant, control engineer and process/project engineer.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to two level 6 courses, Renewable and Engineering Technology (Year 2) or Architectural Technology and Design (Year 2), both available at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Renewable Energy Systems  
Communications  
Building Construction  
Control Systems  
Maths for Engineering  
Safety and Health at Work

Renewable Energy Systems  
Computer Aided Draughting (2D)  
Word Processing  
Electronics  
Work Experience

# Renewable and Engineering Technology (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Maintenance Skills Technology
<b>QQI Code:</b>	6M5154
<b>Duration:</b>	1 Year



## Entry Requirements:

Students should have successfully completed an appropriate QQI Level 5 course such as Renewable Energy Technology and Control Systems (Year 1), Engineering Technology, Pre-University Mechatronics (Electronics) or Motor Vehicle Maintenance, all available at Cavan Institute. Equal consideration will be given to mature applicants (aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This level 6 course enables students to reach an advanced level in the area of renewable energy and automation/control systems. Students gain a deeper knowledge and appreciation of the latest technologies. Upon successful completion of the course graduates should be able to interpret customer requirements and provide advice on the solution options available. As part of this course

student are given the opportunity to gain work experience in a relevant company for 2-3 days per week with classes contact confined to 3 full-time days per week. There is a very high employment rate from this course.

## Career Opportunities:

Some of the career paths to which this course might lead include engineering management, sustainable design engineer, energy consultant, control engineer and process/project engineer.

## Progression Opportunities:

Graduates are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Renewable Technologies  
Programmable Logic Controllers  
Safety Management  
Work Experience  
Industrial Pneumatic Systems

Computer 3D Modelling and Animation  
Project Management  
Preventative Maintenance  
Communications  
Teamworking





# Hairdressing

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Hairdressing
	City & Guilds Level 2 Diploma in Women's and Men's Hairdressing
	Department of Education and Skills Junior Trade Certificate
<b>QQI Code:</b>	5M3351
<b>Duration:</b>	2 Years



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students who are interested in a career in Hairdressing. Students will study and practice all aspects of women's and

men's hairdressing tailored to meet the needs of the hairdressing industry.

## Career Opportunities:

Students who successfully complete this course will have the necessary skills to pursue a career as a hair stylist, barber or sales representative for hairdressing products. Other opportunities for graduates include employment on cruise liners, with airlines and in the media and travel industries.

## Progression Opportunities:

Graduates of this course may progress to the Advanced International Diploma in Hairdressing course at Cavan Institute.



## Course Content:

### Year 1: Hairdressing Theory and Practice

Consulting and Diagnosing Hair and Scalp Conditions  
Blow-drying and Setting  
Colouring

#### Hair Science

Skin, Hair and Head Diseases, Hygiene and Safety  
Salon Environment

#### Barbering Techniques

Client Care for Men  
Facial Hair Cutting

#### Communications

#### Work Experience

Shampooing and Conditioning  
Cutting Women's Hair  
Perming and Neutralising

Hairdressing Processes

Men's Cutting Techniques

#### Safety and Health at Work

#### Retail Display

### Year 2: Hairdressing Theory and Practice

Reception Duties  
Consulting and Diagnosing Hair and Scalp Conditions  
Blow-drying, Setting and Hair Up Styling  
Colouring to include Foil Mèche and Wraps

#### Creative Styling

Creative Hair-Up Styling  
Hair Extensions including Bonding, Clip and Weft techniques

Promotion of Products and Services  
Shampooing and Conditioning  
Cutting Women's and Men's Hair  
Theme-based Photo Shoot

Wig and Hairpiece Styling



# Hairdressing and Beauty Care

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Hairdressing
	City & Guilds Level 2 Diploma in Women's and Men's Hairdressing
	Department of Education and Skills Junior Trade Certificate
<b>QQI Code:</b>	5M3351
<b>Duration:</b>	2 Years



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students who are interested in a career in hairdressing and beauty care. Students will study and

practise all aspects of women's and men's hairdressing and beauty care to include skin care, eye treatments and make-up.

## Career Opportunities:

Students who successfully complete this course will have the necessary skills to pursue a career as a hair stylist or sales representative for hairdressing products. Other opportunities for graduates include employment on cruise liners, with air-

lines and in the media and travel industries. Further employment opportunities may arise for qualified students offering beauty treatments in hairdressing and beauty salons.

## Progression Opportunities:

Graduates of this course may progress to the Advanced International Diploma in Hairdressing course at Cavan Institute.



## Course Content:

### Year 1: Hairdressing Theory and Practice

Consulting and Diagnosing Hair and Scalp Conditions  
Blow-drying and Setting  
Colouring

#### Hairdressing Science

Skin, Hair and Head Diseases, Hygiene and Safety  
Salon Environment

#### Barbering Techniques

Client Care for Men  
Facial Hair Cutting

#### Communications

#### Retail Selling

#### Skin Care, Eye Treatments and Make-up

Consultation and Diagnostics  
Eye Treatments  
Hygiene, Diseases, Health and Safety

Shampooing and Conditioning  
Cutting Women's Hair  
Perming and Neutralising

Hairdressing Processes

Men's Cutting Techniques

#### Work Experience

#### Safety and Health at Work

Skin Care and Make-up Removal  
Anatomy and Physiology  
Make-up Skills

### Year 2: Hairdressing Theory and Practice

Reception Duties  
Consulting and Diagnosing Hair and Scalp Conditions  
Blow-drying, Setting and Hair Up Styling  
Colouring to include Foil Mèche and Wraps

#### Creative Styling

Creative Hair-Up Styling  
Hair Extensions including Bonding, Clip and Weft techniques

Promotion of Products and Services  
Shampooing and Conditioning  
Cutting Women's and Men's Hair  
Theme-based Photo Shoot

Wig and Hairpiece Styling

# Barbering

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Hairdressing City and Guilds Level 2 Diploma in Barbering
<b>QQI Code:</b>	5M3351
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This is a one year full-time course. It is targeted at males and females who are interested in a career in Barbering. Subjects within the course are tailored for the male hairdressing industry and include barbering techniques, styling and finishing of men's hair, colouring, lightening and perming men's hair, and safety and health at work. Students will have an opportunity to work on male clients throughout the course. Work placement is an integral part of the course. Students are encouraged to seek their placement specifically in barbershops.

## Career Opportunities:

On completion of this course graduates will be job-ready having acquired the skills to work in the male hairdressing industry as qualified barbers. Other opportunities include employment on a cruise liner, participating in completion work, working in the wholesale/retail sector or as a technician for a leading company in the vocational area.

## Progression Opportunities:

Graduates of this course may progress to the second year of a Hairdressing course in Cavan Institute where they will advance their City and Guilds qualifications and study for the Department of Education and Skills Junior Trades Certificate.



## Course Content:

**Barbering Techniques**  
**Hairdressing Science**  
**Work Experience**  
**Safety and Health at Work**  
**Retail Selling**

**City and Guilds Barbering**  
**Hairdressing Theory and Practice**  
**Customer Service**  
**Personal Effectiveness**







# Advanced International Diploma in Hairdressing

<b>Certification:</b>	City & Guilds Level 3 Diploma in Women's Hairdressing
	Department of Education Senior Trade Certificate
<b>Duration:</b>	2 Years



## Entry Requirements:

Prospective students should have completed a City & Guilds Diploma in Hairdressing Level 2 (6902-61 or 1122 or 3002-61) or equivalent or have five years' salon experience as a stylist. Prior industry experience will be taken into consideration.

## Career Opportunities:

This course enables those already working in the hairdressing industry to further advance their career and to develop a range of specialised skills.

## Course Description:

This course is designed for qualified hairdressers who wish to develop their skills to a higher level. Students study and practice all advanced methods of hairdressing treatments. There is also an opportunity to complete the Department of Education Senior Trade examination and additional unit awards.



## Course Content:

Over the two-year programme, students will study the following:

**Health and Safety**

**Scalp Massage**

**Advanced Colour and Colour Correction**

**Advanced Perming**

**Hair Extensions**

**Consultation**

**Advanced Cutting and Styling**

**Creative Hairdressing Design Skills**

**Bridal Hair**

**Barbering Techniques**







# Hotel and Catering

<b>Course Level:</b>	<b>5</b>
<b>Award Title:</b>	<b>QQI Level 5 Certificate in Hospitality Operations</b>
<b>QQI Code:</b>	<b>5M2083</b>
<b>Duration:</b>	<b>1 Year</b>



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This full-time course is designed to prepare students for work in the hotel and catering industry. The course creates a learning environment in which the emphasis is on the practical application of the skills necessary to work in the dynamic and ever-changing sectors of food and beverage, accommodation and food preparation. Students will be given the opportunity to gain EHA (Environmental Health Association of Ireland) certification in Food Safety. This certificate is valid for five years and it is a legal requirement for anyone working with food in a range of sectors to hold such certification.

## Career Opportunities:

Graduates of this course may find employment in hotels, restaurants, catering departments, cruise ships and airlines. Graduates will also be well prepared for further studies in the areas of hospitality, culinary arts, tourism and business.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Accommodation Techniques**

**Food Preparation**

**Reception and Frontline Office Skills**

**Work Practice**

**Word Processing**

**Customer Service**

**Menu Planning and Applied Nutrition**

**Restaurant Skills**

**Choice of French, German or Spanish ab initio**



# Professional Cookery (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Professional Cookery
<b>QQI Code:</b>	5M2088
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course will enable students to develop practical culinary skills and an understanding of food science, food technology and food hygiene. Students will develop an understanding of menu planning and meal service. Students will be given the opportunity to gain EHAI (Environmental Health Association of Ireland) certification in Food Safety. Valid for a period of five years, it is a legal requirement for anyone working with food in a range of sectors to hold such certification.

## Career Opportunities:

This course is aimed at students interested in finding employment in the catering industry.

It is designed to equip the learner with the knowledge, skills and confidence to pursue a career in the culinary arts.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course, Professional Cookery (Year 2).

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Culinary Techniques**  
**International Cuisines**  
**Meal Service**  
**Pastry, Baking and Desserts**  
**Word Processing**

**Food Science and Technology**  
**Choice of French, German or Spanish ab initio**  
**Menu Planning and Applied Nutrition**  
**Personal Effectiveness**  
**Work Practice**

# Professional Cookery (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Professional Cookery
<b>QQI Code:</b>	6M2099
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI level 5 award in Professional Cookery or equivalent. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Career Opportunities:

Employment in the catering industry remains steady and graduates in this area are very much in demand. Graduates will be competent to take up employment in a wide range of professional cookery settings.

## Course Description

This course is aimed at students with a passion for food, who wish to enhance their creativity and food preparation skills. It is designed to enable students to develop an advanced level of knowledge, skills and competence in professional cookery, integrating theory and practice with an industrial work placement. Students will be given the opportunity to gain EHAI (Environmental Health Association of Ireland) certification in Food Safety. This certificate is valid for five years and it is a legal requirement for anyone working with food in a range of sectors to hold such certification.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Culinary Techniques**  
**Culinary Food Safety Management**  
**Producing a Culinary Event**  
**Pastry, Baking and Desserts**  
**International Cuisines**

**Menu Design and Applied Nutrition**  
**Gastronomy**  
**Hospitality Business Systems**  
**Work Practice**



## Pre-University Law

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Legal Studies
<b>QQI Code:</b>	5M3789
<b>Duration:</b>	1 Year



### Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

### Course Description:

Pre-university law is a one year programme designed for those who wish to obtain a foundation knowledge of Irish law and legal processes. The course equips the learner with an introduction to the core principles of Irish law and the Irish legal system. This course is particularly relevant for students who wish to pursue a Level 6 Legal Studies course in the Institutes of Technology or business/law degrees at university.

### Career Opportunities:

This course provides students with a general qualification in legal studies and will provide opportunities to work in business/legal environment.

### Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course in Administration and IT for Business or the level 6 Business Studies (Year 2) course at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



### Course Content:

**Business Administration Skills**  
**Communications**  
**Database Methods**  
**Safety and Health at Work**  
**Work Experience**

**Business Law**  
**Criminal Law**  
**Legal Practice and Procedures**  
**Word Processing**

# Motor Vehicle Maintenance

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Motor Technology
<b>QQI Code:</b>	5M2145
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Mature applicants (aged over 23) who do not meet these entry requirements will still be considered.

## Course Description:

This is an introductory course for those who want to find out whether a career in the automotive industry will really suit them. It is ideally suited for students who aspire to apprenticeships in the motor industry and related fields. Its aim is to provide students with a thorough grounding in motor vehicle maintenance practices. This course will enable students to locate, identify and carry out a routine maintenance on a variety of mechanical and electrical components, as well as develop life skills including effective communication techniques, teamwork and independent learning. Students also gain qualifications in safety and health and start your own business.

## Career Opportunities:

This course provides students with a general qualification in motor technology and will provide opportunities to work in various aspects of the auto trade.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course in Renewable and Engineering Technology (Year 2) available at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes (e.g., automation engineering, automotive management and technology, engineering system maintenance or engineering) at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Motor Vehicle Practice**  
**Electronics**  
**Safety and Health at Work**  
**Work Experience**

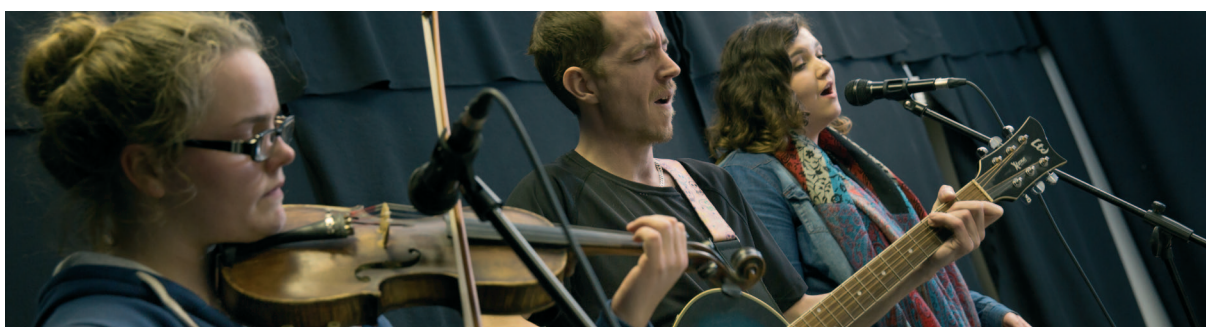
**Motor Vehicle Theory**  
**Mathematics**  
**Start Your Own Business**

**Auto Electricity**  
**Information Technology Skills**  
**Teamworking**



# Music Performance

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Music
<b>QQI Code:</b>	5M2011
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course focuses on the development of creative skills through performance, composition, technology and contextual study. It is designed for performers who wish to develop their technical performance skills, creativity and musicianship in conjunction with music industry studies. The course combines a study of instrumental techniques as well as

music theory and practice with the opportunity to engage with a range of music styles from rock, jazz, blues, to Irish and world music. Live performances and studio recordings are an integral part of the course. Through continued commitment to rehearsal, students develop the discipline that is required to work in the music industry. Students develop, produce and deliver live performances as part of their course work. These offer an ideal environment in which each student can put into use the knowledge and skills gained while on the course.

## Career Opportunities:

Graduates of this course will be able to pursue many differing

opportunities across the music industry as performers, artists, session players, musical directors, theatre musicians, music programmers, arrangers and composers.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Teamworking**

**Music Industry Studies**

**Music Technology**

**Event Production**

**Work Experience**

**Irish Music**

**Music Performance**

**Music Theory and Practice**

**Sound Engineering and Production**

**Safety and Health at Work**

# Radio Production

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Radio Production
<b>QQI Code:</b>	5M4511
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course provides a wide and comprehensive introduction to the area of radio broadcasting and will establish fundamental radio production competencies from which the student may progress to employment, further study or training. As part of the course, students will gain practical experience working in professional radio settings and will prepare material for broadcasting to local audiences. There will be an emphasis on using industry standard technology. Students will be responsible for the preparation of programmes for broadcast.

## Career Opportunities:

Graduates of this course will be able to pursue many different opportunities across the radio industry as producers, presenters, new reporters and engineers.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Music Industry Studies  
Teamworking  
Media Analysis  
Research and Study Skills  
Sound Engineering and Production

Work Experience  
Event Production  
Radio Programme Production  
Safety and Health at Work



# Music and Sound Production (Year 1)

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Sound Production
	BTEC Higher National Certificate (HNC) in Music (Music Production)
<b>QQI Code:</b>	5M2149
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course focuses on the practical use of audio and music technology in a number of settings, including the recording studio, post-production suite and live sound environment. Students participate fully in live sound and recording studio sessions. They create, produce and mix music, engineer live performances, and sequence drum and instrument tracks. These activities are supported by theory sessions in sound creation, music theory, acoustics, signal processing and much more. ProTools is used in the studios and editing suite, offering an ideal environment where students can apply their knowledge and skills.

## Career Opportunities:

Graduates of this course will be able to pursue many opportunities as sound engineers, sound editors and producers in a range of areas, including games, film, animation, theatre, live sound, studio recording and radio.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the level 6 course, Music and Sound Production (Year 2).

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities in Ireland and the UK (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Critical Music Listening	Live Sound for Small Venues	Music Studio Production
Music in Context	Principles of Musical Sound	Research and Study Skills
Music Technology	Desktop Multimedia Audio Production	Sound Engineering and Production
Music Industry Studies	Work Experience	Audio Engineering
Communications	Music Theory and Practice	Radio Programme Production

# Music and Sound Production (Year 2)

<b>Course Level:</b>	6
<b>Certification:</b>	QQI Level 6 Certificate in Digital Media Production BTEC Higher National Diploma (HND) in Music (Music Production)
<b>QQI Code:</b>	6M20496
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award in sound production (or equivalent) available at Cavan Institute. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

This course allows students to build on their knowledge and training in the technical area of sound engineering and production. Students will explore many areas of audio and music, including studio work, sound design, Foley and music for film. These activities are supported by modules in production analysis, sound engineering and composition. Students will gain practical experience of working in the Institute's two recording studios, in the radio studio and in specialised, multimedia editing suites. A number of live events will take place during the

year, allowing students to gain experience in presenting and producing, along with developing the necessary skills involved in organising and staging an event.

## Career Opportunities:

Graduates of this course will be able to pursue many opportunities as sound engineers, sound editors, composers and producers in a range of areas, including games, film, animation, theatre, live sound, studio recording and radio.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities in Ireland and the UK (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Audio Post-Production  
Applied Production Techniques  
Work Experience  
Sound Engineering and Music Technology  
Event Management  
Studio and Location Live Sound Production  
Project Management

Music Production Analysis  
Radio Techniques  
Communications  
Multimedia Sound  
Web Authoring  
Multimedia Technology  
Composing for Film and TV



# Nursing Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Nursing Studies
<b>QQI Code:</b>	5M4349
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is suitable for students who are considering a career in all aspects of nursing and caring. The purpose of the course is to provide students with a clear understanding of the academic requirements and personal qualities and characteristics necessary for a successful career in nursing. The purpose of this award is to enable the learner to acquire the knowledge, skill and competence to work under supervision in a variety of health care settings and or to progress to further and or higher education training. The course combines a wide range of modules designed to give students an overview of topics required for nursing, with a work place-

ment element, which students arrange in a health care setting of their choice. Students are provided with a unique insight into the diversity of a career in nursing and caring. The course also prepares students for degree courses, interviews and career progression.

## Progression Opportunities:

**At Cavan Institute:** Graduates are eligible to progress to the level 6 Health Services Supervisory Management course.

**Elsewhere:** A full QQI award in Nursing Studies is now recognised as an entry route into nurse training in Institutes of Technology and Universities in Ireland. Graduates of this course have been successful in gaining entry to nurse training in Ireland and the UK. In addition to the opportunities for training in Irish Universities, Cavan Institute has contact with UK based universities and supports students with their UCAS application process.



## Course Content:

Anatomy and Physiology  
Communications  
Infection Prevention and Control  
Occupational First Aid  
Understanding Mental Health  
Work Experience

Care Provision and Practice  
Human Growth and Development  
Nursing Theory and Practice  
Research and Study Skills  
Mathematics

# Nursing Studies – Maternity Care

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Nursing Studies
<b>QQI Code:</b>	5M4349
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is suitable for students who are considering a career in midwifery and/or nursing. The purpose of the course is to provide students with a clear understanding of the academic requirements, personal qualities and characteristics necessary for a successful career in midwifery. Students will acquire knowledge, skill and competence to work under supervision in a variety of health care settings and or to progress to further and or higher education training. The course combines a wide range of modules designed to give students an overview of topics required for midwifery and nursing, with a work placement element,

which students arrange in a health care setting of their choice. Students are provided with a unique insight into the diversity of a caring career in either midwifery or nursing.

## Progression Opportunities:

**At Cavan Institute:** Graduates are eligible to progress to the level 6 Health Services Supervisory Management course.

**Elsewhere:** A full QQI award in Nursing Studies is now recognised as an entry route into nurse training in Institutes of Technology and Universities in Ireland and the UK. Graduates of this course have been successful in gaining entry to nurse and midwifery training in Ireland and the UK. In addition to the opportunities for training in Irish Universities, Cavan Institute has contact with UK based universities and supports students with their UCAS application process.



## Course Content:

Anatomy and Physiology  
Communications  
Human Growth and Development  
Mathematics  
Occupational First Aid  
Social Studies

Care Provision and Practice  
Infection Prevention and Control  
Maternity Care Support  
Nursing Theory and Practice  
Research and Study Skills  
Work Experience



# Healthcare Support

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Health Service Skills
<b>QQI Code:</b>	5M3782
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course places an emphasis on the care of people in both the community and in the healthcare residential sector. It is suitable for those wishing to embark on a career in caring and those wishing to gain a recognised qualification in caring. It equips the carer with the practical knowledge and skills required to support and assist people in their daily lives. Throughout the course, students will visit

and obtain work experience in a variety of settings. Placement will be monitored by qualified healthcare practitioners.

## Career Opportunities:

Graduates can pursue employment in a care setting, either in the home, in HSE or privately run day care centres, nursing homes or in residential care institutions. Job prospects are excellent since many institutions are now advertising for healthcare staff with this qualification.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the first year of a BA in Applied Social Studies in Social Care, which is a level 7 Athlone Institute of Technology degree pro-

gramme where students take year one in Cavan Institute and remaining years in AIT. Graduates may also apply for a place on the BTEC Higher National Diploma in Health and Social Care, a two-year programme available at Cavan Institute or a one-year level 6 course, Health Services Supervisory Management also available at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Care Skills  
Care of the Older Person  
Activities of Living Patient Care  
Understanding Mental Health  
Safety and Health at Work  
Work Experience

Care Support  
Communications  
Infection Prevention and Control  
Occupational First Aid  
Information Technology Skills

# Emergency Care Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Health Service Skills
<b>QQI Code:</b>	5M3782
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students who wish to work in either the emergency care or fire and ambulance services. This course leads to a Level 5 award in Health Service skills with additional certification in Emergency First Responder, accredited by The Pre-Hospital Emergency Care Council (PHECC). Learners will train for Emergency First Responder incorporating Cardiac First Responder certification which is also PHECC accredited.

## Career Opportunities:

Graduates of this course will gain the necessary skills and knowledge to be eligible to

apply for work in an emergency medical technician setting.

## Progression Opportunities:

**At Cavan Institute:** Graduates are eligible to progress to the level 6 Health Services Supervisory Management course available at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements). Students may also apply through UCAS to progress their studies in the UK.



## Course Content:

Activities of Living Patient Care  
Care Support  
Understanding Mental Health  
Communications  
Occupational First Aid

Anatomy and Physiology  
Emergency Department Care Skills  
Infection Prevention and Control  
Mathematics  
Work Experience



# Occupational Therapy Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Health Service Skills
<b>QQI Code:</b>	5M3782
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is suitable for students who are considering a career in occupational therapy (OT). The course will focus on developing an understanding of impaired mobility and its impact on human occupational performance and ability and the role of occupational therapy in current healthcare services. Students will obtain work experience in general hospitals, homes for the elderly, disability schools/homes, rehabilitation centres and respite care centres for a two-week period. The practical aspect of the course will give students

a good understanding of hospital life and the qualities and characteristics required for a successful career as an occupational therapist. Students will develop an awareness of how to assist the OT in the implementation of therapeutic programmes. Work experience and assessment is undertaken under the supervision of a qualified OT. During their placement, students will develop an understanding of how to plan for and engage the client in self-care activities and examine the components of the OT process, from assessment through treatment planning and implementation to treatment closing.

## Career Opportunities:

Successful graduates of this course will be eligible to apply for a position as an Occupational Therapy Assistant in a variety of therapy/care settings.

## Progression Opportunities:

**At Cavan Institute:** Graduates are eligible to progress to the level 6 Health Services Supervisory Management course available at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements). Options to study in the UK are also available.



## Course Content:

Occupational Therapy Assistant Practice  
Rehabilitation Support  
Understanding Mental Health  
Infection Prevention and Control  
Communications  
Mathematics

Occupational Therapy Assistant Theory  
Intellectual Disability Studies  
Care Support  
Anatomy and Physiology  
Work Experience

# Health Services Supervisory Management

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Health Services Supervisory Management Skills
<b>QQI Code:</b>	6M4978
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award in a related discipline such as Healthcare Support, Nursing, Community and Health Services or Health Service Skills. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

The purpose of this award is to enable the learner to acquire the knowledge, skill and competence required to work independently or in a supervisory role in a range of healthcare settings. This course will allow you to develop your supervisory management skills in order to improve the health of patients/clients in your care and improve the effectiveness of the organisation for which you work.

## Career Opportunities:

Graduates of this course can expect to find employment in supervisory roles working in a variety of healthcare settings such as day care centres, nursing homes, resource centres, community development and family resource centres.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Communications  
Gerontology  
Health Promotion  
Rehabilitation Support  
Work Experience

Conflict Management  
Groupwork Theory and Practice  
Person-Centred Planning  
Supervisory Management



# Science and Laboratory Techniques

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Laboratory Techniques
<b>QQI Code:</b>	5M3807
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

The science sector is a stable and strong contributor to the Irish economy, employing over 24,000 people, most of whom hold a third-level qualification. This sector has seen growth in exports and jobs even during the worst of the recent recession. This course is ideally suited for students who are interested in progressing to a third level course in a science related discipline. Modules taught include the core science subjects - Biology, Chemistry, Physics and Mathematics. The Mathematics module is accepted for entry to higher education courses. These modules (along with IT skills) form the basis of all first year third level science programmes. In addition,

students study microbiology and anatomy and physiology, which will give students a firm foundation upon which to start their college career and a distinct advantage over students entering directly from school. The majority of our graduates progress to further study in higher education.

## Career Opportunities:

Graduates of this course have a strong foundation in the skills required to obtain positions in laboratories or other science related areas such as biotechnology, pharmaceutical science, chemical and biochemical engineering.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Anatomy and Physiology**  
**Communications**  
**Microbiology**  
**Work Experience**

**Biology**  
**Laboratory Skills**  
**Physics**

**Chemistry**  
**Mathematics**  
**Word Processing**

# Applied Science – Forensics

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Laboratory Techniques
<b>QQI Code:</b>	5M3807
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Forensic Science is defined as any science which is used as evidence in a court of law. This course will provide participants with a broad knowledge of the core sciences and an understanding of the Irish legal system. This course looks at the fundamentals of forensic science, evidence collection and analysis. Students will gain skills in fingerprinting, exposing and lifting prints, analysing hair and fibres, casting foot and tyre prints, blood spatter analysis and DNA profiling. Participants will develop useful skills through hands-on laboratory work as well as an appreciation of the concepts particular to forensics. Students will also develop skills in problem solving, organisation, team work, effective communication and the use of new tech-

nology, an important emphasis is placed on working safely. These skills are relevant to wide variety of industries and professions including An Garda Síochána, the Defence Forces, the State Laboratory, the Forensic Science Laboratory, the legal science profession or science in general.

## Career Opportunities:

This course offers students a chance to sample two possible careers, science or legal studies. Graduates of this course have a strong foundation in the skills required to obtain positions in laboratories or other science related areas such as biotechnology, pharmaceutical science, chemical and biochemical engineering.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

<b>Biology</b>	<b>Chemistry</b>	<b>Communications</b>	<b>Criminal Law</b>
<b>Criminology</b>	<b>Laboratory Skills</b>	<b>Mathematics</b>	<b>Microbiology</b>
<b>Word Processing</b>	<b>Work Experience</b>	<b>Forensics</b>	



# Applied Science – Pharmacy Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Laboratory Techniques
<b>QQI Code:</b>	5M3807
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Pharmacies are an important and integral part of the health care system in Ireland. Irish pharmacies and their staff play a vital role as primary health care providers. There are 1700 pharmacies in Ireland and there is a growing need for pharmacy assistants to help the pharmacist with an increased workload. Pharmacies no longer just dispense medicine. They often offer advice on health issues, drug interactions, vaccinations and some basic health 'check-ups'.

Pharmacies also sell products such as baby care accessories, cosmetics, perfumes and health supplements. Sales of these products are becoming an increasingly important part of a pharmacy's income and graduates of this course will be well placed to recommend and sell such products, having studied modules in customer service and beauty therapy as part of this course. As a pharmacy assistant, you will work as part of a team of health professionals in order to help customers achieve the best possible health outcomes. Students of this course may also be offered the opportunity to complete the Medicine Counter Assistant award from the Irish Pharmacy Union (IPU).

## Career Opportunities:

Students who complete this

course will graduate with a good mix of science, retail and customer service knowledge and skills. Graduates may obtain employment in local pharmacies, assisting the pharmacist to provide a complete care service to the community including health care advice, beauty and cosmetic tips, good customer service, retail display and sales skills.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Biology**  
**Customer Service**  
**Mathematics**  
**Work Experience**

**Chemistry**  
**Laboratory Skills**  
**Microbiology**  
**Medical Terminology**

**Communications**  
**Word Processing**  
**Retail Selling**  
**Retail Display**

# Applied Science – Nutrition and Health

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Laboratory Techniques
<b>QQI Code:</b>	5M3807
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Nutrition is the branch of science that deals with nutrients and how we obtain them and their effects in the body. Good nutritional choices are important for good health and preventing disease. Knowledge of nutrition allows an individual to make informed choices about what foods they or their families should eat. An understanding of how food is produced and how it affects the body is important

for many career paths. Nutrition is a growth area with jobs in a variety of fields for example food science, food production, sports science, health and fitness industries. This course will prepare the learner for direct employment or for progression to third level and is accepted for entry to most science, food science, nutrition or health related courses in Ireland.

## Career Opportunities:

Graduates of this course have a strong foundation in the skills required to obtain positions in laboratories or other science/health related areas such as biotechnology, pharmaceutical science, sports science, food science and general science industries.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Biology**  
**Nutrition**  
**Microbiology**  
**Food Processing**

**Chemistry**  
**Laboratory Skills**  
**Communications**  
**Food Science and Technology**

**Food Chemistry**  
**Mathematics**  
**Work Experience**



# Security Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Security Studies
<b>QQI Code:</b>	5M2110
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course prepares students for employment in the highly specialised security industry.

It provides students with an introduction to the different sectors within the security industry in Ireland. Throughout their period of training, students complete work placements with recognised security companies at music concerts, sporting events and other public events. This course is of particular relevance to students who are interested in a career in An Garda Síochána, the Defence Forces, Prison Service or Emergency Services. This course involves a focus on the academic skills required for a career in the security sector.

## Career Opportunities:

This course has been designed to meet the needs of the security industry in line with the terms of the Private Security Services Act 2004. This course is of particular relevance to students who are interested in a career in An Garda Síochána, the Defence Forces, Prison Services or the Private Security Industry.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to a level 6 course in Security Operations and Administration (Supervisory) available at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Communications  
Criminology  
Retail Security  
Word Processing

Guarding Skills  
Customer Service  
Safety and Health at Work  
Work Experience

Criminal Law and Security Procedures  
Occupational First Aid  
Security Industry Procedures

# Healthcare Security Officer

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Security Studies
<b>QQI Code:</b>	5M2110
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This specialised course is the first of its kind in the Republic of Ireland and it has been developed in conjunction with St. James' Hospital and SAR Security Solutions. It enables the student to develop the skills required to carry out a security function in a healthcare setting such as a hospital, nursing home, clinic or primary care centre. The role of security officer in a healthcare setting merges the skills of a conventional security officer with specific additional skills that would be essential to work in a healthcare setting. As well as a structured programme of induction at St. James' Hospital, this course features work

experience at the hospital as well as on the job training in new generation technologies by SAR Security.

Further study may lead graduates to a career in facilities management and administrative roles within services such as the national ambulance service, the fire service, local government and the prison service.

## Career Opportunities:

Graduates of this course will gain the necessary skills and knowledge to be eligible to apply for work in a specialised custodial or healthcare setting but they will also have necessary core skills to work as a security officer in any traditional settings.

## Progression

### Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the QQI level 6 course in Security Operations and

Administration (Supervisory) or the Health Services Supervisory Management course also at level 6. Both course are available at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

### Guarding Skills

Infection Prevention and Control  
Safety and Health at Work  
Work Experience  
Retail Security

### Care Skills

Legal Practice and Procedure  
Security Industry Procedures  
Elder Abuse

### Conflict Resolution

Patient Moving and Handling  
Communications  
Occupational First Aid



# Corporate Transport Hospitality

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Security Studies
<b>QQI Code:</b>	5M2110
<b>Duration:</b>	1 Year



## Entry Requirements:

Full driver's licence. Consideration will also be given to those under 23 who present with a Leaving Certificate, Leaving Certificate Applied (LCA), LCVP or a QQI Level 4 award.

## Course Description:

This course aims to train students to work as professional drivers or chauffeurs in the corporate transport hospitality and security sector.

It will appeal to mature students with experience/background in the state security services (An Garda Síochána, Defence Forces, Emergency Services). This course will equip students with the skills set required to work in this sector, to ensure the safety and security of executive, corporate and VIP passengers. This will include customer service skills, interpersonal skills and intercultural awareness, guarding skills and security threat awareness.

The course will also train students in basic motor vehicle maintenance, pre-journey vehicle inspection and health, safety and welfare practice and procedures. Students will have the opportunity to prepare for the Special Public Service Vehicle (SPSV) test. In order to apply for this licence, students must hold a full driver's licence and be aged 25 or over.

## Career Opportunities:

Opportunities for graduates of this course may include working as chauffeurs or drivers for national and international ground transport operators in the emerging business and tourist markets both in Ireland and in Europe. Graduates may also decide to set up their own business, providing local chauffeuring services.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this level 5 award can progress to the level 6 course in Security Operations and Administration (Supervisory) at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or Higher Education Links Scheme for entry to year one of a range of higher certificate or degree programmes at Institutes of Technology or Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Legal Practices & Procedures  
Security Industry Procedures  
Guarding Skills  
Safety and Health at Work

Motor Vehicle Practice  
Occupational First Aid  
Tourism Principles and Practice  
Language (Beginners French or Spanish)

Customer Service  
Work Experience  
Behavioural Studies

# Security Operations and Administration (Supervisory)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Security Operations
<b>QQI Code:</b>	6M4980
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI Level 5 Award in Security Studies (or Equivalent). Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

This course prepares students for employment at supervisory level in the highly specialised security industry. It is of particular relevance to students who are interested in a career at management level in the security industry. As part of the course, students complete an extended period of work placement in a supervisory capacity with recognised companies. In order to complete this element of the course, students should hold a security licence.

## Career Opportunities:

Graduates of this course have found employment in the private security industry, with the Prison Service, the Defence Forces or progressed to training with An

Garda Síochána. Graduates will also have acquired the skills to work in a range of contexts including facilities management, event management and hospitality. This course has been designed to meet the needs of the security industry in line with the terms of the Private Security Services Act 2004. Potential students are advised to hold or have applied for the security licence required under the Private Security Services Act 2004.

## Progression Opportunities:

Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Business Law**  
**Customer Service**  
**Word Processing**

**Business Management**  
**Communications**  
**Work Practice**

**Crime Prevention**  
**Supervisory Security Management**  
**Safety Management**







# Applied Social Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Applied Social Studies
<b>QQI Code:</b>	5M2181
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is for people who wish to embark on a programme of study leading to a career in social care. It provides the key knowledge and a practical skills foundation for different areas of social care work.

## Career Opportunities:

This course provides students with the foundation skills required for employment

in a social care setting, for example disability, youth and adolescent services.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the first year of a BA in Applied Social Studies in Social Care, which is a level 7 Athlone Institute of Technology degree programme where students take year one in Cavan Institute and remaining years in AIT. Graduates may also apply for a place on the BTEC Higher National Diploma in Health and Social Care, a two-year programme available at Cavan Institute or a one-year level 6 Health Services Supervisory Management or Social Care with Counselling Skills course,

also at level 6, both available at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Care Support  
Occupational First Aid  
Social Studies  
IT Skills

Communications  
Psychology  
Substance Use - Issues in Youth Work  
Work Experience

Intercultural Studies  
Care of the Older Person  
Teamworking



# Psychology and Social Science

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Applied Social Studies
<b>QQI Code:</b>	5M2181
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

Psychology is a social science. It is the study of behaviour, of why we do the things we do. The aim of psychology is to understand how a person thinks, feels and acts in a social situation. The main focus is to try and understand the individual, and how the individual is affected by, and affects, the world around them. This course is for people who wish to embark on a programme of study leading to a career in social care.

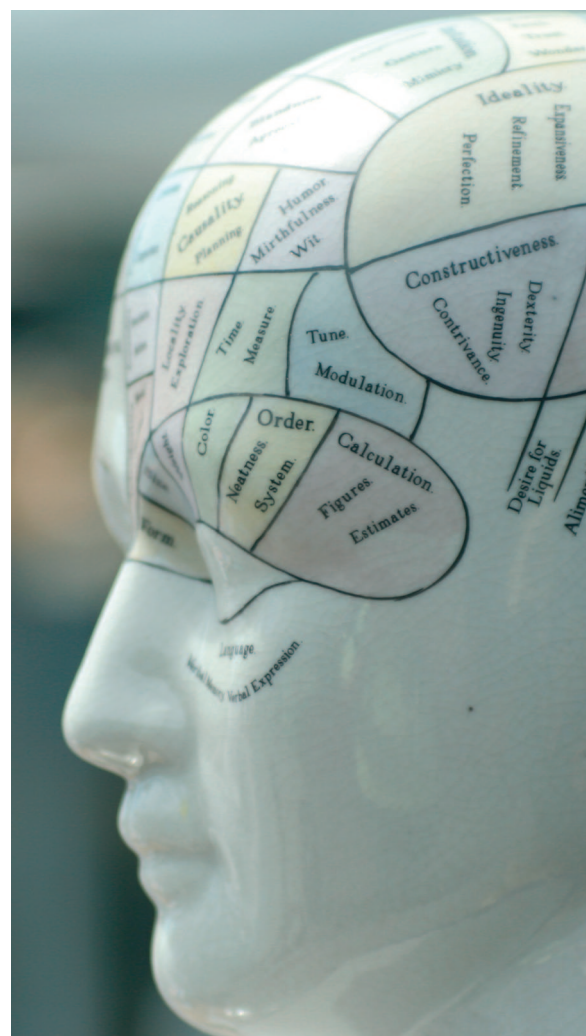
## Career Opportunities:

This course provides students with the foundation skills required for employment in a social care setting.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to the first year of a BA in Applied Social Studies in Social Care, which is a level 7 Athlone Institute of Technology degree programme where students take year one in Cavan Institute and remaining years in AIT. Graduates may also apply for a place on the BTEC Higher National Diploma in Health and Social Care, a two-year programme available at Cavan Institute, or they may opt to pursue a level 6 course in Social Care with Counselling Skills also available at the Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Psychology  
Intercultural Studies  
Human Growth and Development  
Teamworking  
IT Skills  
Understanding Mental Health

Social Studies  
Communications  
Occupational First Aid  
Equality and Disability  
Work Experience

# Social Care with Counselling Skills

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Social and Vocational Integration
<b>QQI Code:</b>	6M2218
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI level 5 award in Applied Social Care or equivalent. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This course will be of benefit to those who have a particular interest in the professional aspects of social care. Students will get an understanding of the many roles of a social care worker and models of social care provision. For instance, there is an emphasis in current practice of integrating people with disabilities or special educational needs within mainstream provision. Finally, this course introduces students to counselling skills, with an emphasis on reflection and self-awareness.

## Career Opportunities:

Employment may be obtained in a wide variety of settings, including residential care centres, community projects, youth centres, centres for young people and adults with special educational needs, nursing homes and day care centres for the elderly/aged.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Disability Awareness  
Person Centred Planning  
Communications  
Health Promotion  
Criminology  
Work Experience

Rehabilitation Practice  
Group Work Theory and Practice  
Mental Health Awareness  
Positive Behavioural Support  
Developing Counselling Skills for Health and Social Care



# BTEC Higher National Diploma in Health and Social Care

<b>Course Level:</b>	6
<b>Award Title:</b>	BTEC Higher National Diploma in Health and Social Care
<b>Codes:</b>	Ofqual/CCEA 500/8361/2 and 500/8362/4
<b>Duration:</b>	2 Years



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This two-year professional qualification has been developed for people who wish to pursue a career in the caring services. It aims to prepare students for employment in social care settings and forms the academic basis for further education in applied social sciences. This is achieved through a comprehensive programme

of tuition and work-based education. The course is assessed continuously by means of written and practical assignments and oral presentations. Students must complete 400 work placement hours over the two years. Work placement must be completed in an appropriate social care setting.

## Career Opportunities:

Students who complete this course may seek employment in different areas of health and social care work, such as residential care, work with community groups, care of the older person, youth work and care of people with specific needs.

## Progression Opportunities:

Graduates may apply directly to Institutes of Technology and Universities for entry to higher certificate and degree programmes (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Year 1:** Communications in Health and Social Care Organisations  
Contemporary Issues in Health and Social Care  
Developing Counselling Skills for Health and Social Care  
Empowering Users of Health and Social Care Services  
Health and Safety in the Health and Social Care Workplace  
Personal and Professional Development in Health and Social Care  
Supporting Significant Life Events  
The Sociological Context of Health and Social Care

**Year 2:** Principles of Health and Social Care Practice  
Psychology for Health and Social Care  
Understanding Specific Needs in Health and Social Care  
Working in Partnership in Health and Social Care  
Supporting Independent Living

Research Project  
Health Promotion  
Work-based Experience

# BA in Applied Social Studies in Social Care

Delivered in Conjunction with Athlone Institute of Technology



<b>Course Level:</b>	7
<b>Award Title:</b>	Bachelor of Arts in Applied Social Studies in Social Care
<b>AIT Code:</b>	AL765
<b>Duration:</b>	3 Years (Year 1 in Cavan Institute, Years 2 and 3 in AIT)



## Entry Requirements:

Leaving certificate candidates, please refer to the AIT website for entry requirements. Students who have achieved a QQI level 5 award are also eligible to apply. QQI applicants should check with AIT to ensure that they present with the appropriate modules.

## Progression Opportunities:

Those who successfully complete the three-year BA in Arts in Applied Social Studies in Social Care may progress to obtain a level 8 honours degree with one further year's study at AIT.

## Course Description:

This is a three-year, full-time ordinary level degree programme. Students taking year one in Cavan Institute are registered as AIT students and study the same curriculum as students attending AIT. The second and third years of this programme are undertaken in AIT.

## Career Opportunities:

This course aims to prepare students for employment in all social care sectors, such as residential care, care of people with specific needs.



## Course Content:

Year 1 (at Cavan Institute)

Learning and Development for Higher Education  
Contemporary Social Care Practice  
Applied Social Care Placement  
Developmental Psychology  
Interactional Approach to Social Care  
Introduction to Politics  
Introduction to Sociology  
Introduction to Law  
French



# Sports Therapy/Physiotherapy Studies (Year 1)

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Community Health Services ITEC (International Therapy Examinations Council)*
<b>QQI Code:</b>	5M4468
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is aimed at students interested in the area of sports injuries and their treatment. Students will study a range of subjects, with a particular emphasis being placed on anatomy and sports massage. Throughout the course, students will be required to work alongside a variety of sporting organisations as part of their course work.

## Career Opportunities:

Graduates of this course are eligible to apply to work as physiotherapist assistants in Irish hospitals, private physiotherapy clinics or sports clubs.

## Progression

### Opportunities:

**At Cavan Institute:** Students who successfully complete this course are eligible to apply for the level 6 Sports Therapy/Physiotherapy Studies (Year 2) course, available at Cavan Institute.

**Elsewhere:** Graduates are also eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Anatomy and Physiology**

**Body Massage and Figure Analysis**

**Exercise and Fitness**

**Teamworking**

**Work Experience**

**Beauty Industry Ethics & Practice**

**Physiotherapy Assistant Theory**

**Nutrition**

**Word Processing**

*Additional Qualifications:*

\* ITEC Level 3 Diploma in Sports Therapy Massage

\* ITEC Level 2 Certificate in Fitness Instructing

# Sports Coaching and Leisure Management (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Sports, Recreation and Exercise
<b>QQI Code:</b>	5M5146
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students wishing to pursue a career in sports, health and fitness. It is specifically aimed at those interested in coaching or gym instruction. Students will gain practical and theoretical skills necessary for working in the leisure industry. Students will be required to complete a number of coaching sessions throughout the year as well as 10 days' work experience in an appropriate sports-related work environment. Students have the opportunity during this course to complete the following awards: Gaelic Athletic Association Foundation Course Level 1, Football Association of Ireland Kick Start 1, as well as the RLSA Pool Lifeguard course.

## Career Opportunities:

Graduates of this course have found employment in the leisure and sports sectors, including fitness centres, gyms, hotels and leisure clubs, swimming complexes and in the coaching area.

## Progression Opportunities:

**At Cavan Institute:** Graduates of this course may progress to a level 6 course in Sports Development with Personal Training (Year 2) at Cavan Institute.

**Elsewhere:** Graduates are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Swimming  
Nutrition  
Sport and Recreation Studies  
Teamworking

Adventure Activities  
Occupational First Aid  
Sports Anatomy and Physiology  
Word Processing

Exercise and Fitness  
Soccer Coaching  
Gaelic Football Coaching  
Work Experience



# Sports Therapy/Physiotherapy Studies (Year 2)

<b>Course Level:</b>	6
<b>Certification:</b>	QQI Level 6 Certificate in Sports, Recreation and Exercise ITEC (International Therapy Examinations Council)*
<b>QQI Code:</b>	6M5147
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI level 5 award in Community Health Services or equivalent. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements but can demonstrate industry experience.

## Course Description:

This course is aimed at students who want to practice as a sports massage therapist upon graduation, or who may want to progress onto further study. Throughout the year students will develop specific skills in the area of advanced sports massage techniques, learn to evaluate sports massage treatments and work with clients to carry out consultations and assessments and produce individual treatment plans. Other areas where students will gain valuable knowledge are in the areas of client care, health, communications, safety and hygiene, all of which are essential for success

a successful career in the sports massage therapy industry.

## Career Opportunities:

Graduates of this course have found work as physiotherapy assistants in Irish hospitals, private sports injury clinics and sports clubs. They have also found employment in health and fitness centres, on cruise ships and in hotels with gyms/spa/fitness suites.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements). Graduates of this programme have progressed to study for degrees in occupational therapy, physiotherapy and physical education.



## Course Content:

Physiotherapy Assistant Practice  
Sports Industry Practice  
On-Site Massage

Sport and Exercise Injury Prevention  
Work Experience  
Sports Nutrition

Health Promotion  
Exercise and Fitness  
Team Leadership

### Additional Qualifications:

- \* ITEC Level 4 Certificate in Sport Massage Therapy
- \* ITEC Level 3 Diploma in Sports Therapy Equipment
- \* ITEC Level 3 Award in Taping and Strapping for Sport and Active Leisure
- \* ITEC Level 2 Award in Instructing Strength and Conditioning Sessions

# Sports Development with Personal Training (Year 2)

<b>Course Level:</b>	6
<b>Certification:</b>	QQI Level 6 Certificate in Sports, Recreation and Exercise ITEC (International Therapy Examinations Council)*
<b>QQI Code:</b>	6M5147
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI level 5 award in Sports, Recreation and Exercise (or equivalent). Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

This is designed as a follow-on course from the level 5 course in Sports Coaching and Leisure Management available at Cavan Institute (and elsewhere). This one-year course

is designed to prepare students for a career at a supervisory level in the leisure industry, sports coaching or as a pathway for further study. Students will also have the opportunity to complete additional qualifications in gym instruction.

## Career Opportunities:

Graduates of this course have found employment in a supervisory capacity in the leisure and sports sectors, including fitness centres, gyms, hotels and leisure clubs, swimming complexes and in the coaching area.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Planning Gym-Based Exercise**

**Health Promotion**

**Sports Nutrition**

**Instructing Gym-Based Exercise**

**Business Administration Skills**

**Soccer Coaching**

**Team Leadership**

**Gaelic Football Coaching**

**Event Management**

**Sports Industry Practice**

**Work Experience**

**Exercise and Fitness**

*Additional Qualification:*

\* ITEC Diploma in Personal Training (Gym-Based Exercise)







# Theatre Performance

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Theatre Performance
<b>QQI Code:</b>	5M5163
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This is a practical course designed to help students' understanding of drama and theatre studies. As part of their studies, students will get the opportunity to visit and work in a professional theatre. The nature of the course is such that it allows students to develop their life skills while enhancing their confidence and interpersonal abilities. Theatre performance is an obvious first choice for those intending to pursue a career in the theatre as well as being of enormous benefit to students looking at a career in a wider variety of settings.

## Career opportunities:

Graduates of this course will have the necessary skills to obtain work in a variety of areas including acting, theatre performance, event production, primary school teaching and social care.

## Progression Opportunities:

Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Acting Skills and Techniques  
Event Production  
Theatre Performance  
Film and TV Acting

Word Processing  
Performance Craft  
Theatre Studies

Teamworking  
Technical Skills for Theatre  
Work Experience



# Pre-University Arts in Cultural and Heritage Studies

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Cultural and Heritage Studies
<b>QQI Code:</b>	5M2154
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course is designed for students who are interested in a career in the area of Irish heritage and culture and as an access course to Arts degree programmes at NUI colleges. Students on this course gain an understanding of Irish archaeology and local history and an appreciation of Irish culture and heritage. The development of research skills is an important element of this course.

## Career opportunities:

Employment opportunities are varied and graduates can expect to find employment in areas such as tourism, education, heritage, public information and community development.

## Progression

### Opportunities:

Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Appreciation of Irish Culture  
Folklore and Ethnology  
Word Processing

Choice of French, German or Spanish ab initio

Archaeology  
Heritage  
Work Experience

Communications  
Local History

# Tourism with Airline Studies

<b>Course Level:</b>	5
<b>Certification:</b>	QQI Level 5 Certificate in Tourism with Business Diploma in International Travel Industry Studies (Ready for Takeoff)
<b>QQI Code:</b>	5M5011
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement.

## Course Description:

This course is designed to prepare students for employment in the tourism and travel industries. Core modules prepare students for work in the ever expanding tourism sector. Students are offered the opportunity to complete the “Ready for Takeoff” programme leading to a Diploma in International Travel Industry Studies certified by the International Academy of

Travel (IAOT). There is a strong emphasis on communications and customer service skills and students will develop their ability in problem-solving and dealing with the public.

## Career opportunities:

Employment opportunities are varied. Graduates can expect to find employment both at home and abroad with travel agencies, tour operators and visitor attractions as reservation sales agents, travel consultants and receptionists. Students with IAOT accreditation can find employment with airports and airlines as cabin crew and ground staff. This course is also ideal for anyone, who wishes to develop their own tourism

or accommodation business.

## Progression Opportunities:

**At Cavan Institute:** Graduates may progress to the level 6 Tourism and Travel with Business course at Cavan Institute.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Customer Service  
Airline Studies  
Communications  
Tourism Principles and Practice  
Work Experience

Choice of French, German, Spanish or Irish ab initio  
Heritage  
Tourism Information and Administration  
Word Processing  
Safety and Health at Work



# Tourism and Travel with Business

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Tourism with Business
<b>QQI Code:</b>	6M5012
<b>Duration:</b>	1 Year



## Entry Requirements:

QQI level 5 award in Tourism with Business (or equivalent). Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

## Course Description:

This course provides learners with the skills and competencies to pursue a range of employment opportunities in the travel, tourism and hospitality industries. Learners will also have an opportunity to study for the Amadeus Global Distribution System exam.

## Career Opportunities:

Successful graduates of this course will be able to pursue careers as front office personnel in various areas, including retail travel, hotels, reservations, sales and customer service departments. Graduates will also be able to pursue employment as cabin crew and ground crew in the airline sector.

## Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Airport Passenger Services  
Global Distribution Systems  
Tourism Policy and Practice  
Choice of French, German or Spanish ab initio

Business Management  
Event Management  
Word Processing

Communications  
Customer Service  
Work Experience

# Animal Care (Year 1)

<b>Course Level:</b>	5
<b>Award Title:</b>	QQI Level 5 Certificate in Animal Care
<b>QQI Code:</b>	5M2768
<b>Duration:</b>	1 Year



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course prepares students to assist the veterinary surgeon in all aspects of animal care. Veterinary assistants provide basic animal care, assist in laboratory procedures and in the veterinary clinic. They may also work in a variety of other settings including animal hospitals and clinics, animal shelters, laboratories, zoos and animal parks. Students study a range of subjects designed to prepare them for further study or to work as a veterinary assistant or in animal care. This course is ideal for students wishing to advance to veterinary nursing degrees in Ireland and the UK.

## Career opportunities:

Students are given a firm foundation in the skills needed for employment as a Veterinary Assistant or in Animal Care.

## Progression Opportunities:

**At Cavan Institute:** Upon successful completion of this programme, graduates may progress to the level 6 Animal Care (Year 2) course leading to a QQI level 6 certificate in Animal Science.

**Elsewhere:** Graduates of this course are eligible to apply through the CAO and/or the Higher Education Links Scheme for entry to year one of a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

**Animal Anatomy and Physiology**  
**Chemistry**  
**Animal Behaviour**  
**Safety and Health at Work**

**Animal Welfare**  
**Communications**  
**Animal Grooming**

**Biology**  
**Mathematics**  
**Work Experience**



## Animal Care (Year 2)

<b>Course Level:</b>	6
<b>Award Title:</b>	QQI Level 6 Certificate in Animal Science
<b>QQI Code:</b>	6M5153
<b>Duration:</b>	1 Year



### Entry Requirements:

QQI level 5 award in Animal Care (or equivalent). Equal consideration will be given to mature applicants (those aged over 23) who do not meet this entry requirement but can demonstrate industry experience.

### Course Description:

This is designed as a follow-on course from the level 5 Animal Care (Year 1) course available at Cavan Institute (and elsewhere). This course covers all of the aspects of animal science and aims to advance the student's academic and professional career prospects in animal care while also studying units in business and management. Students may use this course as a progression to a degree in related animal management and animal science and care areas. Industry placement is an important part of this course with placement being completed over the duration of the course. By the end of this course students will have learned how

to maintain a high level of husbandry when rearing animals and have a knowledge of a wide range of animals

### Career Opportunities:

Graduates of this programme have found work in veterinary practices and animal shelters.

### Progression Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



### Course Content:

**Animal Behaviour**

**Animal Science and Health**

**Communications**

**Research Skills**

**Word Processing**

**Large Animal Husbandry**

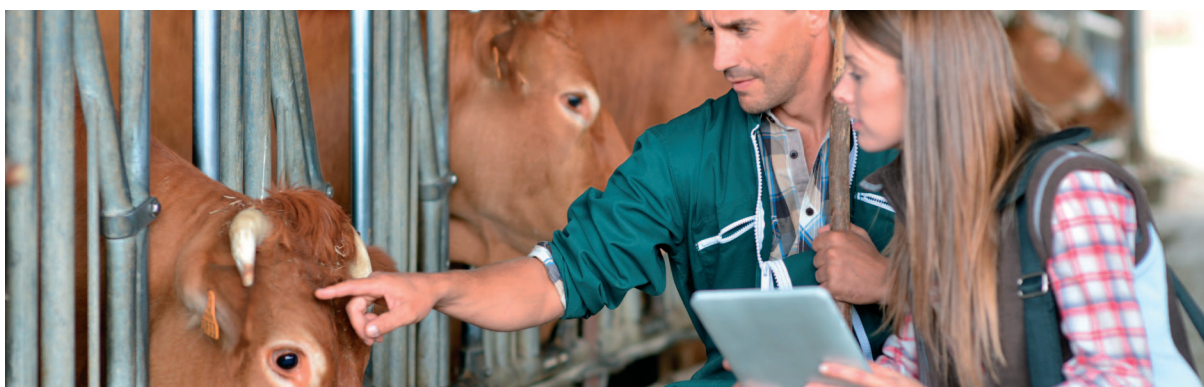
**Animal Trading**

**Kennel and Cattery Management**

**Work Experience**

# BTEC Higher National Diploma in Animal Management

<b>Course Level:</b>	6
<b>Certification:</b>	BTEC Higher National Diploma in Animal Management
<b>Codes:</b>	Ofqual/CCEA 600/2157/3 and 600/2158/5
<b>Duration:</b>	2 Years



## Entry Requirements:

Leaving Certificate or Leaving Certificate Applied or LCVP or QQI Level 4 Award. Equal consideration will be given to mature applicants (those aged over 23) who do not meet these entry requirements.

## Course Description:

This course covers all aspects of animal science at a level which allows progression into degree programmes in the animal science, health and welfare sectors. Students will get a solid understanding of general animal

behaviour, animal science and business management. Industry experience is an essential element of this programme and students will complete an extensive work placement over the course of the two year programme.

## Career Opportunities:

Opportunities for employment exist at various levels in a variety of fields such as conservation and behavioural counselling, as well as research and welfare organisations, animal centres and support services.

## Progression

### Opportunities:

Graduates of this course are eligible to apply through the Higher Education Links Scheme for entry to a range of higher certificate and degree programmes at Institutes of Technology and Universities (please check with the particular institution regarding local eligibility requirements).



## Course Content:

Production Animal Management  
Animal Husbandry Management  
Animal Behaviour  
Work-based Experience  
Principles of Animal Health  
Research Skills Project  
Health and Safety in the Land-based Workplace

Animal Anatomy and Physiology  
Animal Health and Welfare  
Biological Principles  
Business Environment  
Animal Industry and Trade  
Animal Nutrition



