

Website for people of all ages
wanting to explore their career
options

Use our Self-Assessment tools to clarify your interests, skills and Career plans...

Sections for School, College and Workers

Careers Information for Second Level Students

@ School



Careers Information for Third Level Students

@ College



Careers Information for Working People

@ Work



Parents & Guardians

Parents & Guardians

Guidance Professionals

Guidance Professionals



Chef
David Kehoe



Business Development
Emmet Egan



Science Entrepreneur
Brian Kelly



Assistant Commissioner
Louis Harkin



Sub/Lieutenant - Navy
David Fleming



Customer Advisor
Stephen Stapleton

Toolbox gives access to popular tools

Explore yourself...

- Self-Assessment →
- Career Interests →
- Career Skills →
- Learning Skills →

of Work

- Industry Sectors →
- Company Profiles →
- Occupations A-Z →
- Career Videos →
- Job Hunting →
- Labour Market Info →

Career Exploration Toolbox

the World of Learning

- Junior Cert. Subjects →
- Leaving Cert. Subjects →
- PLC Course Search →
- CAO Course Search →
- CAO New Courses 2010 →
- CAO Points Calculator →
- Post Grad. Course Search →
- Adult Education →



MEMBERS LOGIN

SIGNUP...

Email

Password

Forgot password?

CAREER GUIDANCE NEWS

- 06/11/2009
Major regeneration programme in Tallaght
- 05/11/2009
Unemployment falls in Ireland
- 05/11/2009
Job losses 'slowing'
- 04/11/2009
Rate of job losses is slowing down
- 04/11/2009
High-profile workers to be appointed to NAMA board

Worksheet downloads



Customer Service Agent
Anne Nutley



Garda
Trevor Laffan



Fund Supervisor
Richelle Fallon



Social Worker
Mary Ita Heffernan



Garda
Ronan Quinn



Chartered Accountant
Chester Reid

CAREERS PORTAL.ie



My Career File - Interest Profile Results

Interest Profile for c

Group Name	< less preferred more preferred >	Score
Realist		0
Naturalist		-1
Enterprising		14
Social		21
Investigative		-1
Administrative		9
Creative		32
Linguistic		16

The graph above displays your interests profile. It shows both high and low interest categories. For the purposes of your career exploration, you need to concentrate on the highest scores.

Note: Where scores are close (a few points different) you may consider them as equal - no exercise of this type is that precise!

View career profile and print detailed reports...

Your 3 highest scoring categories are:

Creative - Social - Linguistic (CSL)

C

"I like work that allows me to express my ideas or imagination. I like a flexible workplace where there is room to develop and expand my creativity"

S

"I like working with people. I would prefer to be in direct contact most of the time, maybe helping, teaching or simply talking or discussing things."

L

"I like work that involves speaking or writing about things. I like the opportunity to express myself through discussion and debate, and communicating using a variety of media."

[Print](#) Preview and Print single page Summary Report

Preview and Print your full 7 page Career Report here:

- Include occupations at all qualification levels
- ... at NFQ Level 4 or lower (e.g. Junior Cert)
- ... at NFQ Level 5 or similar (e.g. Leaving Cert)
- ... at NFQ Level 6, 7 or similar
- ... at NFQ Level 8 or higher

[Print](#)

[Explore](#) Explore occupations that match your interests

[Explore](#) Explore CAO courses that match your interests

the World of Learning

- Junior Cert. Subjects →
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Work down through the following 5 steps. It's OK to skip steps if you wish.


1. Select study areas (max 4)

Select one, two, three or four areas that interest you most.

You can return to this screen as often as you like to make different selections

Download Worksheet:
[CAO Course Investigation Form](#)
 [pdf - 133Kb, 1 page]

Living Environment	
<input type="checkbox"/> Animals & Veterinary Science	<input type="checkbox"/> Maritime, Fishing & Aqua-culture
<input type="checkbox"/> Agriculture, Horticulture, Forestry & Food	
Science & Engineering	
<input type="checkbox"/> Building, Construction and Property	<input type="checkbox"/> Mechanical Engineering & Manufacturing
<input type="checkbox"/> Chemical, Biomedical & Pharmaceutical Sciences	<input type="checkbox"/> Computers & Software
<input type="checkbox"/> Electronic & Electrical Engineering	<input type="checkbox"/> Physical & Mathematical Sciences
Healthcare	
<input type="checkbox"/> Medical & Healthcare	
Artistic	
<input type="checkbox"/> Art, Craft & Design	<input type="checkbox"/> Entertainment & Performing Arts
Arts / Social Sciences	
<input type="checkbox"/> Classic Arts, Languages & Culture	<input type="checkbox"/> Politics / Law
<input type="checkbox"/> Media & Publishing	<input type="checkbox"/> Education
<input type="checkbox"/> Social Science & Community Care	
Business / Administration	
<input type="checkbox"/> Business General	<input type="checkbox"/> Marketing / Sales
<input type="checkbox"/> Accountancy / Financial Services	
Other	
<input type="checkbox"/> Leisure, Sport & Fitness	<input type="checkbox"/> Tourism & Hospitality

 or continue below...

Select study areas...

2. Choose a level...

Select the qualification levels you want to include in your search.

- Levels 6 & 7
(Higher Certificate, Ordinary Degree)
- Level 8
(Honours Degree, Higher Diploma)

3. Estimate your CAO points...

Enter the total points score from your best 6 subjects, and add at least 50.

0 Note: Don't underestimate the points you can achieve. [Click here for Points Calculator](#)
(Enter a number higher than you expect to get - in many courses points are falling!)

4. Course Requirements...

Some courses have specific requirements. Tick the boxes that apply to you.

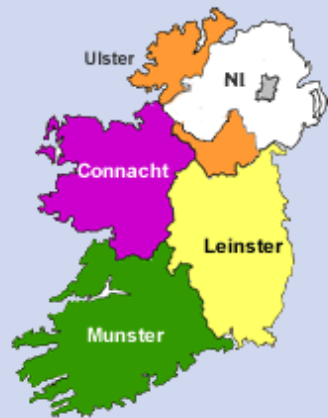
- Maths Level:** Foundation Ordinary Higher
- Lab Science:** Yes No
- Modern Language :** Yes No

or continue below...

5. What Region or College...

Some courses have specific requirements, you can enter these here.

- Connacht
- Leinster
- Dublin City
- Munster
- Ulster



IF you want to confine your list to one college only select a college below.

College...

- All Colleges
- All Hallows
- American College, Dublin
- Athlone IT
- Church of Ireland College
- Carlow College
- Colaiste Mhuire, Marino
- Cork IT

...qualifications,
subject restrictions
and locations

Results for:

CAO Code	Course Title + Course notes	College + Duration	Points + Previous Points	Qualifications + Career Opportunities
CR500	Engineering (Common Entry)	Cork IT	310	Level 8 NFQ
CR520	Biomedical Engineering	Cork IT	350	Level 8 NFQ
CR105	Engineering - Chemical and Process	Cork IT	375	Level 8 NFQ
CR333	Nutrician and Health Science	Cork IT	275	Level 8 NFQ
CR320	Biomedical Sciences	Cork IT	410	Level 8 NFQ
CR340	Analytical Chemistry with Quality Assurance	Cork IT	285	Level 8 NFQ
CR330	Herbal Sciences			Level 8 NFQ
CR325	Pharmaceutical Biotechnology			Level 8 NFQ
CR510	Sustainable Energy			Level 8 NFQ
LC661	Drug and Medicinal Product Analysis			Level 8 NFQ
LC651	Pharmaceutical and Forensic Analysis			Level 8 NFQ
TL410	Pharmaceutical Analysis with Forensic			Level 8 NFQ
TL412	Pharmaceutical Analysis with Environmental Science			Level 8 NFQ
TL415	Science - Applied Biology			Level 8 NFQ
TL400	Wildlife Biology			Level 8 NFQ
CK406	Chemical Sciences	UCC (NUI)	330	Level 8 NFQ
CK404		UCC (NUI)	400	Level 8 NFQ
CK403		UCC (NUI)	405*	Level 8 NFQ
CK402		UCC (NUI)	335	Level 8 NFQ

CR340 - Analytical Chemistry with Quality Assurance X

Analytical Chemistry is a sub-discipline of chemistry which involves the identification of different types of chemicals, their characteristics and quantities in which they are present.

Quality Assurance refers to a management system which carefully and scientifically controls each stage of production from raw material to final consumption.

During the first two years, this course provides students with the fundamentals of the various disciplines of chemistry, together with essential elements of biological sciences, physics, mathematics, and computing. In the third year, the emphasis becomes more focused on analytical and pharmaceutical chemistry, while the final year specialises in scientific and quality assurance systems.

Get a brief understanding of what the courses are about on this interactive list

Course Code: CK605

Title: Engineering - Electrical & Electronic

College: UCC (NUI)






Qualification: **Level 8 NFO**

Duration: 4 Years

[Return to List](#)

Access detailed course information, related careers, videos, interviews and more...

Toolbox

-  [Points Calculator](#)
-  [Course Investigation Worksheet](#)
-  [CAO Handbook](#)
-  [CAO Wizard \(Course Search\)](#)
-  [Study & Exam tips \(Video's\)](#)

Employment Sectors

Employment Sectors related to this course:

This course prepares people for careers typically found in the sectors below. You can explore information relating to sectors by clicking on the titles below.

-  [Electrical & Electronic Engineering](#)
-  [Physical & Mathematical Sciences](#)

Note: Use the 'Back' button on your browser to return to this page

Sample Careers

The following occupations are related to the area of study for this course. Click on the occupations to explore further.

- [Network Administrator](#)
- [Energy Engineer](#)
- [Engineer - Software](#)

In Brief...

Overview

Electrical and electronic engineering applies scientific knowledge, especially in mathematics and physics, to develop a broad range of technological products and services which underpin modern society. These services range from the generation and distribution of electricity to the design of next generation mobile phones, advanced medical systems and electronic entertainment systems such as game consoles and digital media players.

Careers or Further Progression


Not generally appreciated that Electrical and Electronic Engineering is an excellent route to take towards business management. Indeed, it is noteworthy that in Japan and Germany this is the normal academic route taken by managers.

Full Course Details...

DISCLAIMER


These links are to web sites outside of CareersPortal and we accept no responsibility for the information on them.

From Qualifax...

-  [CK605 - Engineering - Electrical & Electronic](#)

Qualifax
The National Learners' Database

From College Website...

-  [CK605 - Engineering - Electrical & Electronic](#)



UCC Department of Electrical and Electronic Engineering

Offers a very well established BE (Electrical & Electronic) [CK605] and recently added a new BE (Energy) [CK603]

[Video Interview...](#)



Electrical Engineer Billy Condon



Billy Condon works as an Electrical Engineer with the ESB. After completing his Leaving Cert he went to University College Cork and graduated with Electrical Engineering. He went on to do a Masters in Sustainable Energy before joining ESB on their Graduate program. Billy also participates in delivering the STEPS to Engineering program run by the Institute of Engineers.

[Go to Full Interview...](#)



CAO Points

2009 1st Round Points 355

History: 2002 - 345

Further Course Suggestions.... (not in order)

The following courses are related to the course above and are from colleges in the

CAREERS PORTAL.ie

the world of work

- Industry Sectors →
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Mechanical Engineering & Manufacturing



Video Profiles for this sector (10)



Process Engineer



Mechanical Engineer



Mechanical Engineer

Mechanical Engineering

Mechanical Engineering involves the design, manufacture and operation of machines of all types and sizes that involve motion or have moving parts.

The range of work for the mechanical engineer means he or she could be working on anything from the design and manufacture of Formula 1 racing cars, high performance engines, and precision machine tools to working on major power generation plants. They are also used in the chemical, electrical and electronics industries.

Entry level positions are available in many sectors. Graduates who complete a third level college course in mechanical engineering will be well equipped to take on the design and construction of large scale complex projects.

Third level college courses in mechanical engineering provide a very broad-based technical education. The career is also an excellent foundation for graduates who, in time, wish to assume more management-oriented positions such as engineering manager, project manager and general manager.

Aeronautical Engineering

Aeronautical engineering is the branch of engineering behind the design, construction and science of **aircraft** and **spacecraft**. Aeronautical engineers are responsible for the creation of new, safer and more efficient

**Get an overview of
30 sectors, detailed information
from sector experts and
companies, links to resources,
videos, weekly news
and more...**

Company Profiles

- What is their core business?
- Career Opportunities?
- Key Attractions?
- Recruitment Procedures?



Skills shortages

More information on skills shortages can be found in the [Labour Market Information](#) section of this site.

- Engineer - Design & Development
- Engineer - Chemical Process
- Engineer - Chemical

Ask the Experts

- about their sector?
- about education & training?
- about career opportunities?
- about global opportunities?
- their advice for career seekers?



Includes career interviews

Related Sectors

The ICT Sector In Ireland



Online Resources

- Engineers Ireland
- STEPS website
- Are You Up For It - Competition
- Irish Universities Supporting Science

Sector Career News

- Equinox AIS: 50 employment opportunities available October 5, 2009
- Dublin Aerospace to create 226 jobs September 3, 2009

Angie O'Keeffe, Materials Engineer



CAREERS PORTAL.ie

Full Interview with Angie O'Keeffe here [➔](#)



Mechanical Engineering & Manufacturing

Related Videos (10)

Career videos and , interviews, including education profiles of 150+ employees



Consulting Engineer



Mechanical Engineer



Operations Support



Technical Operations

Angie O'Keeffe, Education Profile

What subjects did you take in school and how have these influenced your career path?

Being the youngest in our family I got lots of advice from my older siblings when picking my subjects in school. I took a broad spectrum to give me a bigger career choice later so I ended up with the usual subjects Irish, English, Maths, French, and then chose Chemistry, Business Organisation and Music.

In hindsight I should have done Physics instead of Music, but I did get a good appreciation of the great composers, listened to some fantastic music for those two years and got to play in the school orchestra. I got to do Physics in college later. Chemistry was my favourite subject and we had great labs so it made my transition to Science in UCD really easy. I loved Maths too though I still struggle with it today.



More interviews... [3]

[Mechanical Engineer](#)

[Manufacturing Engineer](#)

[Chemical Engineer](#)

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