

## WHAT IS CHEMICAL & BIOPHARMACEUTICAL ENGINEERING?

### Information seminars for guidance counsellors & chemistry teachers

CIT's Department of Process, Energy & Transport Engineering are offering afternoon seminars to support guidance counsellors and chemistry teachers in explaining the role of the chemical engineer in modern society.



### What IS a “chemical engineer”?

*“There is no universally accepted definition of chemical engineering. The different career paths followed by chemical engineers and the different tasks undertaken by chemical engineers are too diverse to fall into a single category. They involve disciplines including physics, chemistry, biology, environmental science, medicine, applied mathematics, statistics, computer science, economics, management and information science, research, design, construction, sales and service, production supervision, and business administration.”*

### Guidance Counsellors



Practising chemical engineers from industry, as well as CIT staff, will explain the different roles undertaken by chemical engineers in Ireland, the career opportunities, and the attributes sought in prospective students.

Two afternoon sessions are offered: **Tues 21<sup>st</sup>, Thurs 23<sup>rd</sup> Feb 2012.**

Meeting at 12.30 in Cork Institute of Technology, followed by lunch and a series of presentations with an exercise to demonstrate process management, ending shortly after 4.00 pm

Please fill out attached registration form.

**EngineersWeek**  
27 February - 4 March, 2012

## Chemistry teachers

To celebrate Engineers Week, we are delighted to partner with Pfizer Ireland Pharmaceuticals and Eli Lilly, who are hosting these sessions. Activities will include a site tour, giving you opportunities to bring back local examples to your classroom.

Two afternoon sessions are offered: **Tues 28th, Weds 29<sup>th</sup> Feb 2012.**

**Tues 28<sup>th</sup> Feb 2012**

Pfizer Ireland Pharmaceuticals, Little Island, Cork

**Weds 29<sup>th</sup> Feb 2012**

Eli Lilly SA, Dunderrow, Kinsale

Arrive at 13.30 to register, followed by presentations and a site tour, ending shortly after 4 pm.

Please circulate to colleagues and if they wish to register for these sessions, please contact:

Ms. Frances Lynch  
frances.lynch@cit.ie  
tel: 021 433 5885  
www.cit.ie/chemeng

Dept. of Process, Energy & Transport Engineering  
Cork Institute of Technology  
Bishopstown  
Cork

**whynot CHEMENG**  
shape the future

### What makes a good chemical engineer?

Chemical engineers need to be problem solvers, who enjoy science and maths. They must be looking for a challenge and be excited by a degree choice that will help them develop a wide range of skills including.....

- > Specialist scientific knowledge
- > Project management
- > Resource management
- > Health & Safety
- > Team Work
- > Communication skills
- > Leadership skills
- > IT
- > Business & legal knowledge

All skills which are highly valued by employers, even outside the traditional engineering industries.

[www.whynotchemeng.com](http://www.whynotchemeng.com)

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shape the future

### What are the benefits?

Benefits include.....

- Excellent job prospects
- High earning potential
- Variety and challenge
- Opportunities to travel and see the world
- Make a real contribution to a sustainable future



[www.whynotchemeng.com](http://www.whynotchemeng.com)

## Registration

If you wish to register for these sessions, please fill out the following and return it, or email directly to:

Ms. Frances Lynch  
frances.lynch@cit.ie  
tel: 021 433 5885  
www.cit.ie/chemeng

Dept. of Process, Energy & Transport Engineering  
Cork Institute of Technology  
Bishopstown  
Cork

Name	
Email	
Phone	
School	
Position	
Address	

Please indicate preferred seminar:

### Guidance Counsellors

Cork Institute of Technology

**Tues 21<sup>st</sup> Feb 2012**

Cork Institute of Technology

**Thurs 23<sup>rd</sup> Feb 2012**

### Chemistry teachers

Pfizer Ireland Pharmaceuticals, Little  
Island, Cork

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