

## HIGHER DIPLOMA IN SCIENCE IN PHARMACEUTICAL MANUFACTURING (NFQ LEVEL 8)

### TA\_SPHAR\_GD

18 months part time (3 semesters)

#### Who is this course for?

This programme prepares science and engineering graduates for work in the bio/pharmaceutical industry. It allows those already working in the industry to keep their skills fresh and prepares production-based personnel for advancement to supervisory and/or management roles.

#### Entry Requirements

Candidates must possess a Science, Engineering or related primary degree (level 7). Experience in the pharmaceutical industry is desirable but not essential. All applicants must have competence in spoken and written English.

#### Course Timetable

The course runs 2 evenings a week over 3 semesters. Some modules may be delivered in blended mode, a combination of class contact and distance learning.

#### Who can apply?

This course is open to all eligible students

#### Course Summary

This course aims to give Science/Engineering graduates an in-depth study of the specific requirements of the pharmaceutical industry with respect to production.

It will give the student both a sound theoretical and practical grounding in the area. The course will also provide students with hands-on experience through assignments undertaken in the Institute's Pharmaceutical Education Centre.

The programme consists of modules of direct relevance to the pharmaceutical industry as well as pharmaceutical and biopharmaceutical production. Modules are as follows: -

#### Semester 1:

Aseptic Processing & Utilities	10 credits
Validation	10 credits

#### Semester 2:

Bio Pharmaceutical Processing	10 credits
Industrial Statistics	5 credits
Regulatory Affairs & GMP	5 credits

#### Semester 3:

Drug Formulation & Manufacturing	10 credits
Chemical Pharmaceutical Processing	5 credits
Production Management	5 credits

This programme will run over three college semesters (18 months) part-time. Candidates must take all modules on offer in each semester.

#### Career Opportunities

The bio and pharmaceutical industries in Ireland are currently undergoing a major expansion of scale and activity creating a wide range of career opportunities for interested and suitably qualified persons. Analysts suggest a shortage of well qualified graduates in the coming years which will add to the value placed upon qualifications such as this.

## How to Apply

### Students apply directly to IT Tallaght

Please apply through [www.it-tallaght.ie](http://www.it-tallaght.ie)

The total cost of course is

Year 1 (of 18 months) €3450  
Year 2 (of 18 months) €2350

### Please Note

You will be required to pay a €100 application fee with your application. If you are not offered a place on the course your application fee will be refunded. If you are offered a place on the course your fee will be put towards your full course fees. If you do not accept the offered place you will forfeit the application fee.

**The balance of fees due are as follows:**  
**On acceptance of place - €550**

**Payment of half of the total course fees due by 31 October 2018.**

**Payment of full fees due by 31 January 2019.**

## KEY DATES

INDUCTION	September 2018
CLASSES BEGIN	Mid-September 2018
CLASSES FINISH	End April 2018
EXAMS	January and May 2019
RESULTS	June 2019

**Head Start Maths and Head Start Academic English:**

- **11<sup>th</sup> August – 8<sup>th</sup> September 2018**

### For further information – course specific

Please Contact: [john.behan@it-tallaght.ie](mailto:john.behan@it-tallaght.ie)

### For queries on the application process

Please contact [LLL@it-tallaght.ie](mailto:LLL@it-tallaght.ie) or phone the Lifelong Learning Team @ 01-4042101



EUROPEAN UNION  
Investing in your future  
European Social Fund



Ireland's European Structural and  
Investment Funds Programmes  
2014-2020  
Co-funded by the Irish Government  
and the European Union



HEA | HIGHER EDUCATION AUTHORITY  
AN tÚDARÁS um ARD-OIDEACHAS