

CERTIFIED TRAINING SPECIALIST PROGRAMMES (MEDICAL DEVICE & PHARMACEUTICAL MANUFACTURING INDUSTRY)

The multi-billion Medical Device & Pharmaceutical Manufacturing industry is growing with investments to set up new Manufacturing facilities worldwide. There is a need to expand manpower to support this growth.

The Dublin Institute of Technology (D.I.T.) has partnered with DPS Education (Dedicated Pharmaceutical Specialists), to implement specialist training programmes in Medical Device and Pharmaceutical Manufacturing. These programmes provide Up-skilling, Re-skilling and Multi-skilling career progression pathways for those in technical roles (Production, Engineering/Maintenance, Quality and Validation) in the Medical Device and Pharmaceutical Manufacturing Industry.

These DPS / D.I.T. Programmes are unique in having Industry Recognition, Academic Accreditation, Government Support, delivered by Industry Specialists and underpins Life Long Learning.

WHO SHOULD APPLY

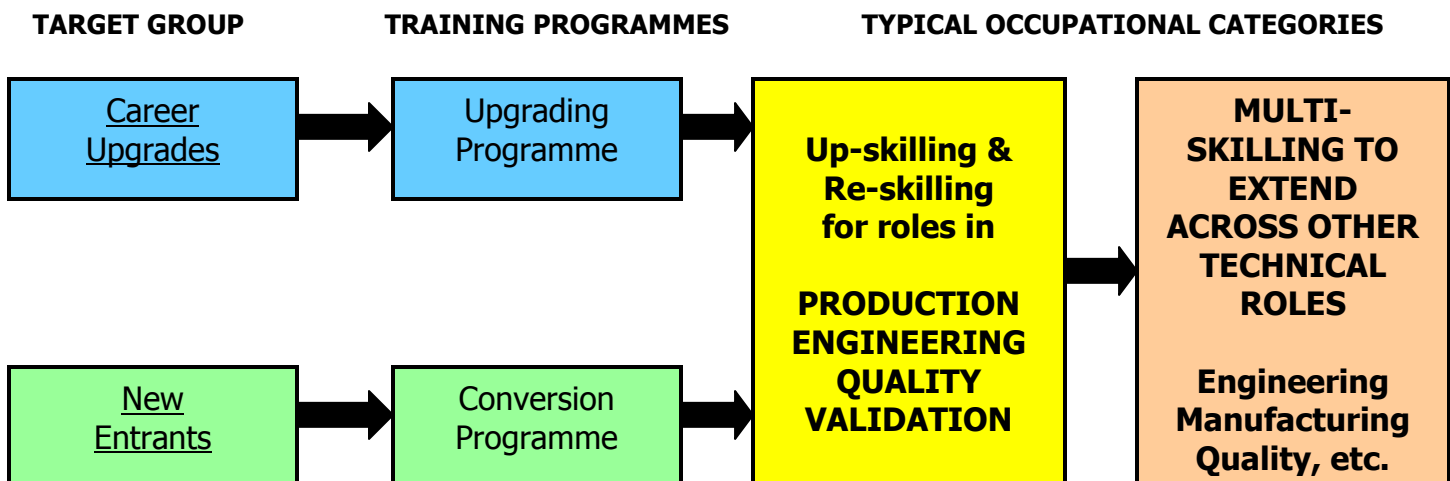
These specialised training programmes are designed to teach Medical Device and Pharmaceutical Manufacturing Technologies to those with a science or engineering background and relevant working experience in Engineering, Manufacturing or Quality in the following categories:

Those who are currently working in the Industry seeking a Career Upgrade in job scope and responsibilities through Up-Skilling and Multi-Skilling

OR

New entrants coming from industries such as Chemicals, Food & Beverage, Info Communications & electronics seeking entry through Re-Skilling into the this Industry

CAREER PROGRESSION PATHWAYS THROUGH SPECIALIST TRAINING PROGRAMMES



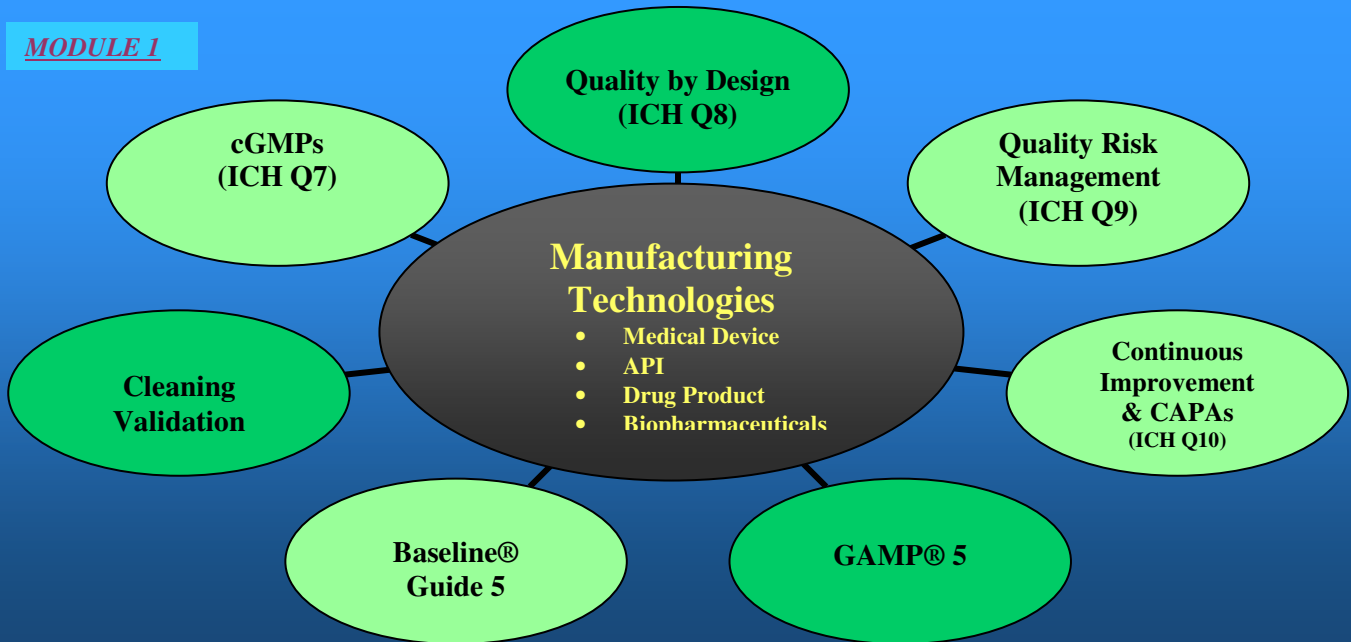
OVERVIEW OF CERTIFIED SPECIALIST TRAINING PROGRAMMES

UPGRADING & CONVERSION PROGRAMME MODULES

DURATION: Ten 3-Hour Lectures
(30 Hours Contact – 70 Hours Non-Contact = Total 100 Hours per Module)
Flexible delivery option - Full-Time or Part-Time

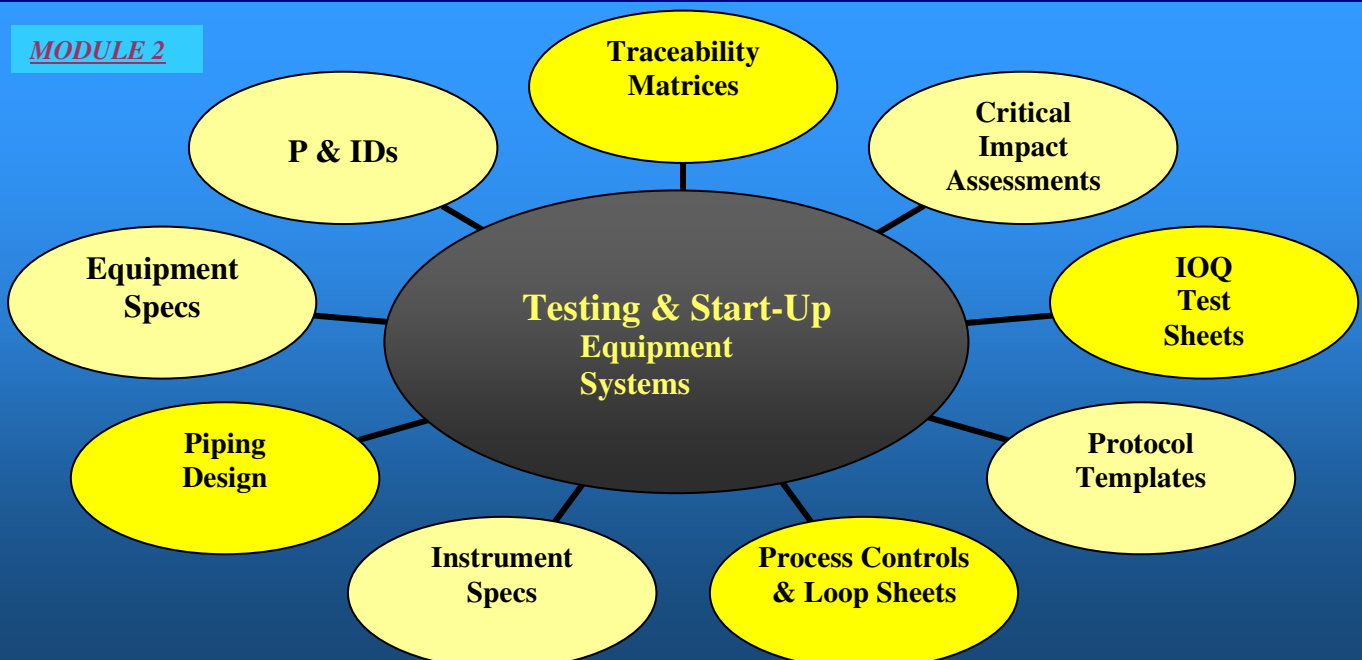
FUNDAMENTALS OF PHARMACEUTICAL MANUFACTURING TECHNOLOGIES*

MODULE 1



COMMISSIONING & QUALIFICATION OF EQUIPMENT AND SYSTEMS*

MODULE 2



* Title subject to upcoming review

COURSE OBJECTIVES & CERTIFICATION

DPS, in conjunction with Dublin Institute of Technology (DIT) have developed a series of practical training programmes which comprises of a series of individually accredited modules in the **BSc Manufacture of Pharmaceutical Products***.

This DPS/DIT industry/academia collaboration has produced a best-in-class degree programme, where DPS's industry specialists deliver the industry-specific experience of what happens in a manufacturing facility and DIT teach the under-pinning science of pharma.

Successful completion of the modules will enable candidates to obtain recognised qualifications (5 ECTS Points per module and a Short Course Certificate awarded by D.I.T.) and join the technical teams engaged in the Commissioning and Qualification (C&Q), Start-up and Operation of new Medical Device and Pharmaceutical Manufacturing facilities.

Some Key Learning Outcomes:

Module 1:- An understanding of the Manufacturing Technologies, the rules that govern Manufacturing and the guidelines as to how these rules are implemented.

Module 2:- An understanding of the test scripts which govern the commissioning and start-up of equipment, the engineering documentation that is inputted into these test scripts and the guidelines as to how this documentation is formatted.

cGMP (2-Day Workshop – subset of Module 1):-

Understanding of international practices and regulatory issues related to design and manufacturing of Pharmaceutical products, as defined in the principles of current Good Manufacturing Practice (cGMP).

Quality Risk Management Tools (2-Day Workshop – Subset of Module 1):-

This workshop will allow employees to move from an informal and qualitative assessment of risk to a more formal and quantitative assessment. This will allow for prioritization of risks that will give rise to an action plan and project schedule for an upcoming Regulatory Audit or for a Pre-Approval Inspection of a new manufacturing facility.

ADMISSION CRITERIA: - Applicants seeking admission in the Career Upgrading and Conversion Programme Modules should possess:

Recognised Prior Learning (RPL) and relevant working experience in Engineering, Manufacturing or Quality either within the Pharmaceutical Manufacturing sector or coming from another industry and seeking entry into the industry.

FUNDING SUPPORT

| PROGRAMMES | FUNDING SUPPORT HISTORICALLY FROM FÁS AND SKILLNET |
|-------------------------------|---|
| UPGRADING PROGRAMME | €1,250 per student per module or €25,000 for an company inhouse class (Maximum Class Size of 20 Students) |
| CONVERSION PROGRAMME | €1,500 per student per module |
| PROGRAMME SCHEDULE / LOCATION | <p style="text-align: center;">PRIVATE – AS REQUIRED PUBLIC – EVERY QUARTER PER YEAR Flexible to deliver to any location within Ireland and overseas</p> |

ELIGIBILITY REQUIREMENTS FOR SHORT COURSE CERTIFICATE:-

- Attainment of at least 70% for each module and completion of the course assignments

CONTACT US:

DPS EDUCATION 4 EASTGATE AVENUE, EASTGATE BUSINESS PARK, LITTLE ISLAND, CO. CORK
TEL: 021 7305000 / 021 7305137
EMAIL: education@dpseng.com
WEBSITE: www.dpseng.com