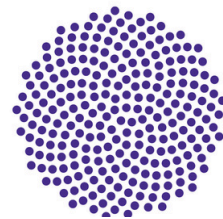


Irish
Medtech

Skillnet

Bachelor of Science in Process Instrumentation & Automation



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PROGRAMME DESCRIPTION

Process Instrumentation & Automation involves the measurement and control of physical quantities (temperature, level, pressure, flow and many others) used in advanced manufacturing systems. Engineers use instrumentation and control to monitor and maintain processes for improved production, quality, and safety in manufacturing facilities in the Pharmaceutical, Food & Drinks, Water/Wastewater, Oil & Gas industries among others.

OBJECTIVES

- Applications to be completed through the CAO system - course change of mind facility available until July.
- More details available on the TU Dublin website
- TU Dublin's Learn+Work course in Process Instrumentation and Automation provides a pipeline of skilled in-demand work-ready talent into STEM industries through industry partnership. The programme blends the strength of a university education with apprenticeship-style work placements. This course is designed specifically to create work-ready university graduates in the shortest possible time-frame.
- Each year, students divide their time between full time study blocks in the university and significant periods of paid work placement with industry partners.

CAREER OPPORTUNITIES AND WORK PLACEMENT

- In each year of the programme our industry partners mentor our students to provide them with the relevant experience, knowledge and skills required to gain employment in the manufacturing and process sectors upon graduation.
- TU Dublin's Learn+Work course in Process Instrumentation and Automation provides a pipeline of skilled in-demand work-ready talent into STEM industries through industry partnership.
- The programme blends the strength of a university education with apprenticeship-style work placements. This course is designed specifically to create work-ready university graduates in the shortest possible time-frame.
- Each year, students divide their time between full time study blocks in the university and significant periods of paid work placement with industry partners.

COST

This course is 100% funded for participating students.

THIS PROGRAMME IS CO-FUNDED BY THE GOVERNMENT OF IRELAND, THE EUROPEAN UNION, AND MEMBER COMPANIES.

DATES AND DURATION

3-Year Programme starting September 2025.



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