



Programme is free to
eligible jobseekers

12 week
programme

Entirely online

Starts January 2021
(with induction on
16th December 2020)

Closing date
for applications
27th November
2020

Accredited at
Level 7 with
20 ECTS credits

Limited places to
the first 25 eligible
candidates

FREE

Certificate in Emerging Digital Technologies

This 100% online 12 week full-time programme was designed in partnership with a number of employers across a range of industry segments. The programme aims to upskill those wishing to understand a little more about the emerging technologies of Artificial Intelligence and Data Analytics. Even before recent events, the marketplace was changing rapidly, driven by the emergence of new technologies. Since March 2020 these changes have accelerated. Businesses now know that their survival depends on understanding the challenges and opportunities offered by these technologies. This course will give the student the opportunity to equip themselves with this vital knowledge and these essential skills to enhance their career prospects.

Who Should Apply

This is a non-technical course and therefore applicants do not need to be from a computing background (although applicants from an IT or computing background are welcome too).

All applicants must be unemployed and resident in the Republic of Ireland*.

To qualify for direct entry, applications must have a minimum of a Level 6 qualification on the NFQ (National Framework of Qualifications) in any discipline. To qualify for non-standard entry, applicants would need to have at least 3 years industry experience (to include a management/supervisory role).

*Eligibility includes unemployed individuals whether or not in receipt of any unemployment assistance or payment. It also includes those who have had their hours reduced, or are on the Pandemic Unemployment Payment (PUP), or supported under the Temporary Wage Subsidy Scheme (TWSS). Applicants must be Irish or EU/EEA nationals and must be resident in the Republic of Ireland.

Course Objectives

The graduates of this programme are not expected to be 'technical' graduates but rather will be equipped to understand the needs of an organisation and how they can be met through technological solutions. Furthermore, they will be capable of articulating their knowledge, incorporating it into a company, planning and measuring progress in adopting new technologies. Graduates will be able to liaise with internal or external ICT professionals using a shared body of knowledge and framework of understanding. They will be able to discuss knowledgeable matters such as different options for data organisation and compliance, business intelligence, data analysis and the use of data to support strategy and decision making.

The programme will give students a solid foundation in emerging digital technologies such as how business intelligence works, how to visualise data, how to store and how to analyse data. By the end of the course students will know how to summarise and interpret the data they have accumulated so that they can make more effective predictions and decisions. Students will also begin to look at how this data can be applied to the development of Artificial Intelligence (AI) and how AI may be able to benefit an organisation.

An important addition to any career profile.

Find out more at www.ictskillnet.ie

Subject to QQI Validation

Technology Ireland ICT Skillnet is co-funded by Skillnet Ireland and member companies. Skillnet Ireland is funded from the National Training Fund through the Department of Education and Skills.



An Roinn Oideachais
agus Scileanna
Department of
Education and Skills



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To Apply

Simply send your CV to info@ictskillnet.ie and we will let you know next steps.

Please be advised that making an application is not a guarantee of selection, the college is the final arbiter in who is offered a place on this course.

Programme Structure

This course is made up of two modules. Online lectures are spread over 4 hours per week. Students are expected to complete additional coursework, reading etc in their own time.

Systems and Technologies for Decision Support

This module gives an overview of how systems and technologies can support decision making across any number of business sectors. These technologies have had a profound impact on business strategy, performance and competitiveness, and broadly encompass decision support systems, business intelligence systems, and visual analytics. The focus is around the business intelligence concepts, tools, and applications, and the use of data warehouse for business reporting and online analytical processing, for creating visualizations and dashboards, and for business performance management and descriptive analytics.

Analytics and AI for Business

This module gives the student the ability to understand how large data sets can be represented and updated. The learner will be able to understand how data sets can relate to each other and construct models to represent the relationship between those sets. This module will allow learners to summarise, interpret and make predictions based on large sets of data using statistical software. The learner/student will be able to understand how Artificial Intelligence (A.I.) can be used to improve those predictions.