

# Quantum Computing for Business Leaders



## Unlock the potential of quantum computing for your organisation

This short course introduces the capabilities of quantum computing and its potential impact on your business for the short and medium terms, and beyond.

**It ensures you are informed of the latest trends and technologies, to seize the opportunity to innovate and to reap early-adopter advantage of this disruptive technology.**

## How is the course delivered?

Delivered via an online learning format to facilitate learning anywhere-anytime, the course will take place over 2x sessions, with each session comprised of:

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**1-hour recorded lecture**

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**2-hour live tutorial by video conference**

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**2-hour supported exercise**

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**Self-study of recommended material**

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Each session will take place over a 2-week period, for a course duration of 4-weeks in total. The learning format offers you an opportunity to interact with both your training providers and industry peers.

## Funding eligibility

Applicants must be working in a private or commercial semi-state organisation registered in the Republic of Ireland (Business, Consultant, Freelancer) to avail of the grant-aided fees. As a government-funded training network, we can only support those meeting these criteria. Applicants who do not meet our grant-aid criteria can apply directly to ICHEC and pay the full fee of €499, if places are available.

## At a glance

**Start Date**  
October 2024

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**Award**  
Certificate awarded by the Irish Centre for High-End Computing (ICHEC)

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**Delivery**  
4-weeks online

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**Fees**  
Skillnet subsidised: €399  
Non-subsidised: €499

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**Learn more**



# Who is Quantum Computing for Business Leaders for?

Our course provides business executives, like you, with valuable insights into quantum computing, empowering you to make correctly-informed strategic decisions and to lead confidently.

## Ideal candidates for this course are:

- Business executives and managers
- Entrepreneurs and business owners
- Decision-makers in technology companies
- Professionals in finance and investment sectors
- Leaders in R&D departments
- Consultants and advisors on business strategy
- Anyone involved in application of quantum on business strategy or operations

## Content breakdown

### 1. Demystifying Quantum Computing

This topic introduces the era of high-performance computing and its impact, positioning where quantum computing fits and explaining how the quantum computing ecosystem looks.

### 2. Integrating High-Performance and Quantum Computing

This topic covers both the fundamental and technical reasons for integrating classical and quantum computing, and what will be involved to integrate them together.

## Outcomes for you

The Quantum Computing for Business Leaders learning pathway will inform you about the value proposition of quantum computing, value chain, ecosystem, capabilities, and development trends. You will be equipped to assess the impact of quantum computing for your sector and define suitable business strategies.

*“Upon completing the course, I have gained not only advanced knowledge but also valuable connections that I am certain will be advantageous in my professional career.”*

**Past Learner**

**Speak with our programme team to learn more about the availability of funding**

[info@ictskillnet.ie](mailto:info@ictskillnet.ie)

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**EuroHPC**  
Joint Undertaking



An Roinn Breisoideachais agus Ardoideachais,  
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