# COMPUTER NETWORKS WITH SOFTWARE

## Post Leaving Certificate QQI Level 5
(QQI Code: 5M0536)

In this full-time one year programme in Computer Networks with Software you will learn about the latest operating systems, computer hardware, software development and networking technologies, coupled with hands on practical labs. The programme also provides a strong foundation in Java programming, cyber security and offers excellent progression routes to both 3rd Level and other relevant higher education courses.

### Duration:
September to May | Full-Time

### Modules*:
1. Computer Systems Hardware
2. ICT Security Policy and Management
3. Mathematics
4. Networking Essentials
5. Operating Systems
6. Personal Effectiveness
7. Programming and Design Principles
8. Work Experience

*Modules subject to change*

### Entry requirements:
Leaving Certificate or QQI Level 4 or equivalent standard of education. All applicants must attend for interview and online assessment to determine suitability for the programme.



"This course has been a memorable and a fun learning experience. The practical aspects of the course greatly aids the understanding of technical terminology. It also gives me the qualifications needed to work within certain IT companies or to progress to college."

**Dawn O' Brien (left of picture)**

"I found the course exceeded my expectations. Although challenging at times, it was thoroughly enjoyable. The course is well organised, well structured and the venue is ideal. All the teachers are very helpful and encouraging. It reinforced my desire to work in the ICT sector."

**Ednalva Oliveira (right of picture)**

### Fees:
€200 Registration Fee (payable by all students, non-refundable)
€200 PLC Government Levy (some exemptions apply)
€50 QQI Certification Fee (some exemptions apply)

### Career Opportunities:
Employment can be sought within a wide range of industries, in particular where computer systems design, network installation and technical support is required.

**Students may be eligible to apply for the SUSI Grant, or the Back to Education Allowance or VTOS.**

**loetb**
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Laoise agus Uíbh Failí
*Laois and Offaly
Education and Training Board*

# *Links to Third Level*

## Athlone Institute of Technology (AIT)

| | |
|---|---|
| AL601 | Computer Engineering (Level 6) |
| AL701 | ICT Engineering (Level 7) |
| AL704 | Computer Engineering (Level 7) |
| AL705 | Software Design (Mobile Apps & Connected Devices) (Level 7) |
| AL600 | Software Design |

## Institute of Technology, Carlow (IT Carlow)

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|---|---|
| CW207 | Software Development (Level 7) |
| CW227 | Cybercrime & IT Security (Level 7) |
| CW248 | Information Technology Management (Level 8) |

## Technological University Dublin (TU Dublin, Formally DIT)

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|---|---|
| DT002 | Engineering Reliability Management (Level 7) |
| DT003 | Automation Engineering (Level 7) |
| DT080 | Networking Technologies (Level 7) |
| DT211 | Computer Science (Level 8) |

## Maynooth University (MU)

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|---|---|
| MH109 | Media Studies (Level 8) |
| MH601 | Computer Science through Arts (Level 8) |
| MH602 | Computer Science (Level 8) |

## University College Dublin (UCD)

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|---|---|
| DN201 | Computer Science (Level 8) |

## Galway-Mayo Institute of Technology (GMIT)

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|---|---|
| GA570 | Software & Electronic Engineering (Level 7) |
| GA775 | Computing in Software Development (Level 7) |

## How to apply:

Contact us directly for an application form at:

Tullamore Further Education & Training Centre,
4th Floor, Castle Buildings,
Tara Street, Tullamore
**T:** 057 9349471
**E:** esheridan@loetb.ie

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**www.loetb.ie**