BEng in Automation and Robotics

The BEng in Automation and Robotics is an industry-led degree designed to upskill employees in the manufacturing sector. Graduates of this programme will have the skills and knowledge to design and maintain automated manufacturing processes, and integrate in-house and vendor automation solutions.

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<tr>
<th>Programme Title</th>
<th>NFQ Level</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Higher Certificate in Engineering in Automation and Robotics</td>
<td>6</td>
<td>2 years</td>
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<tr>
<td>Bachelor of Engineering in Automation and Robotics</td>
<td>7</td>
<td>3 years</td>
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</tbody>
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To register your interest, please contact:
Emily King, Department of Graduate Studies and Professional Development,
T +353 91 742418 | E emily.king@gmit.ie
Students will have the opportunity to train in ThermoKing’s new €1 million Automation Centre.

The centre has been equipped with 16 sets of the latest automation system components including controllers, vision systems, safety systems, robotic arms, and the associated design and operations software.

ThermoKing has generously contributed this resource for the training of students on this new programme. This includes technical instruction from software and hardware vendors such as Fanuc and Allen Bradley.

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Notes:
- GMIT and ThermoKing will adhere to the Return to Work Safely Protocol, COVID-19 Specific National Protocol for Employers and Workers published by the Government to comply fully with COVID-19 related public health protection measures.

What to expect
The degree is designed to provide a mix of on-campus engineering and technology skills development and on-the-job, work-based learning for company employees.

Each year is run over three semesters. Each semester is 13 weeks duration, followed by an exam week.

- Semester 1 (Sep–Dec) and Semester 2 (Jan–May) synchronous online delivery on two evenings per week (16.00-19.00) and one day per week in GMIT Galway campus (09.00-17.30).
- Semester 3 is the Industry Module which takes place from May to August. This consists of custom industry training and the Industry Project / Work Placement. During Semester 3, students attend two weeks of hands-on instruction by automation technology vendors in a dedicated Automation Training Centre.

Programme Structure
The programme is designed with flexible entry and exit points:
- Students can obtain a Level 6 Higher Certificate after two years
- Students can obtain a Level 7 degree after three years
- It is planned to develop a Level 8 Honours degree, subject to demand

Advanced Entry
Students may be eligible to start in Year 2 on the basis of getting recognition for prior experience.

Fees and Financial Support
The annual course fee is €6,000. This fee includes two weeks custom industry training in each year of the course.

Skillnet funding support is available to employers sending students on the course. Further information on funding support may be obtained by contacting Emily King (contact details below).

How to Apply
Applications can be made online at https://apply.gmit.ie using Application Type L7.

Please note that places on the course are limited and applicants will be considered on a first-come first-served basis.