

# a practical work-based **DEGREE IN ENGINEERING**

## **BEng in Mechatronic Systems Engineering**

**Three year traineeship, Online Learning, Minimal Attendance.**

**Course Code:** SG335

**Award:** Level 7

**Duration:** 3 Years

**Format:** 3 days paid work & 2 days online study per week

**Delivery:** Live Online Teaching & Recordings

[www.itsligo.ie/SG335](http://www.itsligo.ie/SG335)

In September 2020 IT Sligo launched a new work-based degree in Mechatronic Systems Engineering where students located anywhere in Ireland spend the full three years of their degree in the workplace, in a paid traineeship, gaining credit for their workplace learning while studying their academic modules online. This innovative new engineering programme has been designed by IT Sligo Online, Ireland's leading provider of online education to industry and a world leader in online engineering education.

### **THE BENEFITS**

Apart from the benefit of reducing the total cost of your education through being able to "earn and learn", and reducing accommodation costs, a work-based learning degree will make you more employable by giving you a better degree, significant work experience and a breadth of practical skills.

### **WHAT WILL I LEARN ON THIS COURSE?**

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems that are used in modern manufacturing industries. Mechatronics is how high-tech manufacturing is done today and is becoming one of the fastest growing career areas. Mechatronics engineers design, build and operate intelligent machines such as the robots and flexible manufacturing systems of today and for tomorrow.



**Online  
Learning  
IT Sligo**

### **JOB PLACEMENT SERVICE**

IT Sligo will help you find a junior entry role with a manufacturing engineering employer.

### **COURSE CONTENT**

This programme is very similar to our full-time campus programme in Mechatronic Engineering and students can transfer to that programme at any stage during their studies, for an on-campus experience.

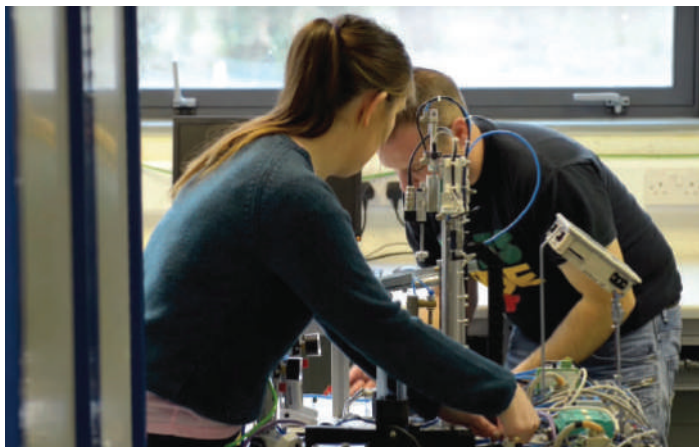
During this course students will learn how to design, build and control the machines and processes that are found in the biomedical, automotive, food processing and high volume manufacturing sectors, to name but a few. Mechatronic engineers are problem solvers by nature, looking for solutions to sometimes difficult engineering applications.

### **INTERESTED IN FINDING OUT MORE?**

If you are keen to get into the workforce after school, this work based degree may be for you. If you are interested or have any questions, you should contact us using this form: [bit.ly/mechWBLform](https://bit.ly/mechWBLform)

We'll answer any questions you have and put you in touch with local participating employers.

To find out more, why not go to the course page at [www.itsligo.ie/SG335](http://www.itsligo.ie/SG335) and watch a video presentation or book a place at a live webinar presentation at [bit.ly/wblwebinar](https://bit.ly/wblwebinar)



### **CONTACT DETAILS:**

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