

## Degree Apprenticeship

### Potential Placements

<b>Mechanical</b>	<ul style="list-style-type: none"> <li>Through the use of CAD and analysis tools you will learn the skills needed to create flexible and innovative solutions to meet the requirements.</li> </ul>
<b>Software</b>	<ul style="list-style-type: none"> <li>Learning and understanding complex computer languages, and producing code to support the behaviours and capabilities of a complex system.</li> </ul>
<b>Systems</b>	<ul style="list-style-type: none"> <li>Learning the complete process of devising, analysing and characterising a system solution which satisfies a defined set of requirements.</li> </ul>
<b>Hardware Electronics</b>	<ul style="list-style-type: none"> <li>Learning the process of designing and implementing hardware using components to produce a state of the art capability.</li> </ul>
<b>Microwave Electronics</b>	<ul style="list-style-type: none"> <li>Using the latest computer aided engineering techniques to ensure our high frequency technologies are amongst the best in the world.</li> </ul>
<b>Quality Assurance</b>	<ul style="list-style-type: none"> <li>Preventing defects before they occur, establishing root cause of defects, rectifying the problem and managing the implementation of change.</li> </ul>
<b>Industrial Engineering</b>	<ul style="list-style-type: none"> <li>Creating a link between manufacturing and engineering, and helping to enable a more effective and efficient process flow.</li> </ul>

## Degree Apprenticeship

The Leonardo Degree Apprenticeship is a 4 year scheme based around placement rotations and studying towards a relevant degree qualification.



### Leonardo Apprenticeships

- Manufacturing
- Technical
- Business

### Degree (Software / Systems / Electronics / Mechanical)

### About Us

Leonardo is an international leader in electronic and information technologies for defence systems, aerospace, data, infrastructures, land security and protection and sustainable 'smart' solutions. Based mainly in the UK and Italy, the company employs over 46,000 people, with overseas ventures in countries including USA, Saudi Arabia and Brazil. Our Luton site is a world-class Electronic Warfare Centre of Excellence and provides defence systems to detect, evade and counter a wide-range of current-day threats to military platforms. Our equipment protects a wide range of well-known UK platforms such as the Eurofighter Typhoon and the Apache Attack Helicopter.

## Courses\*

<b>Discipline</b>	<b>Degree Course</b>	<b>Qualification</b>
Electronics / Systems	Embedded Electronics System Design & Development Engineer	BEng (Hons) Electrical and Electronic Engineering
Software	Digital and technology solutions specialist	BSc (Hons) Digital and Technology Solutions
Mechanical	Product Design and Development Engineer	BEng (Hons) Mechanical Engineering

\*Note: These details are for guidance only and subject to change at any time.

## Structure

	<b>Study</b>	<b>Work</b>
<b>Year 1</b>	<ul style="list-style-type: none"> <li>Begin Degree Course <i>Study at University</i></li> </ul>	3 month placement rotations at work (attend University on day release & block release )
<b>Year 2</b>	<ul style="list-style-type: none"> <li>Continue Degree Course <i>Study at University</i></li> </ul>	3 month placement rotations at work (attend University on day release & block release )
<b>Year 3</b>	<ul style="list-style-type: none"> <li>Continue Degree Course <i>Study at University</i></li> </ul>	Placement within apprenticeship engineering discipline (attend University on day release & block release )
<b>Year 4</b>	<ul style="list-style-type: none"> <li>Continue and complete Degree Course <i>Study at University</i></li> </ul>	Placement within apprenticeship engineering discipline (attend University on day release & block release )

## Degree Apprenticeship

Leonardo offer a range of Apprenticeships that touch virtually every discipline within the company; the schemes enable apprentices to move around the business on three month placements immersing them in the Engineering or Business world as they contribute to real projects. Whilst earning a competitive salary and being provided with on the job training, the various Apprenticeship Schemes also allow apprentices to gain further qualifications on a day release basis.

Degree apprentices will complete an Apprenticeship in their chosen engineering discipline: **Electronics/Systems, Software or Mechanical** (availability of Apprenticeships in each discipline is subject to annual business need). Apprentices will study towards a relevant degree, attending University on day release each week, with additional week long block release once each academic term.

During their first and second year, when not at University, apprentices will work in a wide range of largely Engineering based placements, each lasting 3 months. There are a series of compulsory placements, along with additional slots for tailored placements (subject to agreement with Managers). In their third and fourth years, when not at University, apprentices will work in placement within their chosen engineering function.

### Entry Requirements

You must have (as a minimum) either:

- 3 x A levels grade A\* - C, to include Maths and either Physics or another STEM subject.
- Equivalent Level 3 qualification in a relevant Engineering subject.

### How To Apply

Visit [www.uk.leonardocompany.com/en/people-careers/apprenticeships](http://www.uk.leonardocompany.com/en/people-careers/apprenticeships) to apply for Leonardo Apprenticeships online.