

# Programmes

## LJMU

### Bachelor of Engineering with Honors in Electrical and Electronic Engineering (EEE)

#### COURSE OUTLINE

Level 6	Potential Awards on completion	Bachelor of Engineering with Honours
Core	Option	Award Requirements
<u>6501EEEBHG</u> Automation (10 credits)		120 core credits at level 6
<u>6502EEEBHG</u> Signal Processing (20 credits)		0 option credits at level 6
<u>6503EEEBHG</u> Power Electronics, Drives and Systems (20 credits)		
<u>6504EEEBHG</u> Process Control (20 credits)		
<u>6504MECBHG</u> Industrial Management (20 credits)		
<u>6505EEEBHG</u> Engineering Project (30 credits)		

Level 5	Potential Awards on completion	
Core	Option	Award Requirements
<u>5501EEEBHG</u> Digital and Embedded Systems (20 credits) <u>5501MECBHG</u> Engineering Mathematics 2 (10 credits) <u>5502EEEBHG</u> Electric Machines (20 credits) <u>5503EEEBHG</u> Linear Electronics (10 credits) <u>5504EEEBHG</u> Control System Design and Analysis (20 credits) <u>5505EEEBHG</u> Electrical Engineering Practice 2 (20 credits) <u>5506EEEBHG</u> Applied Instrumentation (20 credits)		120 core credits at level 5  0 option credits at level 5
Level 4	Potential Awards on completion	
Core	Option	Award Requirements

<p><u>4501EEEEBHG</u>      Engineering Principles (20 credits)</p> <p><u>4501MECBHG</u>      Engineering Mathematics 1a (10 credits)</p> <p><u>4502EEEEBHG</u> Microprocessors and Software (20 credits)</p> <p><u>4502MECBHG</u>      Engineering Mathematics 1b (10 credits)</p> <p><u>4503EEEEBHG</u>      Electrical Circuit Principles (20 credits)</p>		<p>120 core credits at level 4</p> <p>0 option credits at level 4</p>
<p><u>4504EEEEBHG</u>      Digital and Analogue Electronics (20 credits)</p> <p><u>4505EEEEBHG</u>      Electrical Engineering Practice 1 (20 credits)</p>		