Outline course structure

<table>
<tr><th colspan="7">MEng (Hons) Mechanical Engineering</th></tr>
<tr><td>Year 1</td><td>Engineering Science Fundamentals
20</td><td>Engineering Mathematics and Technical Computing
20</td><td colspan="2">Innovation and Engineering Solutions
40</td><td>Solid Mechanics and Dynamics
20</td><td>Thermofluids
20</td></tr>
<tr><td>Year 2</td><td>Digital Systems and Computer Engineering
20</td><td>Engineering Modelling and Simulation Techniques
20</td><td>Industrial design and product case studies
20</td><td>Integrated group design projects
20</td><td>Control Systems and Engineering
20</td><td>Materials and Manufacturing
20</td></tr>
<tr><td colspan="7">Optional Sandwich Year</td></tr>
<tr><td>Year 3</td><td>Performance Engineering
20</td><td>Robotics
20</td><td colspan="2">Group Engineering Design and Optimisation Project
40</td><td colspan="2">Choose two of four options:
1. Human Factors Engineering
2. Sustainable Design and Product Death
3. Fluid Dynamics in Physiology and Medical Devices
4. Mechanical Engineering in Sport</td></tr>
<tr><td>Final Year</td><td>Design to Market
20</td><td colspan="3">Individual Industrial/Research Engineering Project
60</td><td colspan="2">Choose two of four options:
1. Robotics, Cybernetics and Biomechatronics
2. Computational Fluid Dynamics
3. Introduction to Nanotechnology
4. Optimising Sport Equipment</td></tr>
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Figure 1. MEng (Hons) Sport Engineering