

**SUSSEX AI JOINT INSTITUTE – Modules and Rubrics FOR A2 RESIT UG Finalists, UG Progression and PGT EXAMINATION PAPERS 2024/25 UNSEEN EXAMS (UEX).**

<b>Level</b>	<b>Code</b>	<b>Module</b>	<b>Exam Rubric</b>
3	<b>H8004Z</b>	<i>Electricity and Magnetism</i>	<b>A1</b>  <b>Authorised calculators are permitted</b>
3	<b>H8006Z</b>	<i>Foundation Mathematics B</i>	<b>Section A: Answer ALL questions. Section B: Answer FOUR of SIX questions.</b>  <b>Authorised calculators are permitted</b>
3	<b>H8007Z</b>	<i>Programming for Engineers</i>	<b>CEX</b>
3	<b>H8008Z</b>	<i>English for Engineering</i>	<b>A5</b>
4	<b>H1034Z</b>	<i>Engineering Mathematics 1B</i>	<b>A5</b>
4	<b>H7130Z</b>	<i>Electromagnetism and Introduction to Electrical Machines</i>	<b>A2</b>
4	<b>H6099Z</b>	<i>Electronic Devices and Circuit Prototyping</i>	<b>A1</b>
4	<b>H3052Z (special – August resit)</b>	<i>Engineering Thermodynamics</i>	<b>A1</b>
5	<b>H7120Z</b>	<i>Mechanics of Mechanisms and Robots</i>	<b>A1</b>
5	<b>H7138Z</b>	<i>Digital Signal Processing</i>	<b>A1</b>
5	<b>H7061Z</b>	<i>Embedded Systems</i>	<b>A1</b>
5	<b>H7095Z</b>	<i>Business and Project Management</i>	<b>A1</b>
5	<b>H7121Z</b>	<i>Industrial Automation Systems</i>	<b>A1</b>
5	<b>H7127Z</b>	<i>Computer Network</i>	<b>A1</b>
6	<b>H6109Z</b>	<i>Radio to Optical Frequency Engineering</i>	<b>A1</b>
6	<b>H6097Z</b>	<i>Electrical Drive Systems</i>	<b>A1</b>
7	<b>521H3Z</b>	<i>Image Processing</i>	<b>A1</b>

7	<b>802G5Z</b>	<i>Intelligent Systems Techniques</i>	<b>MCQ</b>
7	<b>955G5Z</b>	<i>Applied Natural Language Processing</i>	<b>A6</b>

### Rubric Key

<b>KEY</b>		
A1	2 hours	Answer 3 questions out of 4*
A2	2 hours	Answer all of section A and 2 questions from section B**
A3	2 hours	10 compulsory questions
A4	2 hours	5 compulsory questions
A5	2 hours	Answer all questions
A6	2 hours	Answer 2 questions out of 3

\*If all four questions are attempted, all will be marked, but the lowest mark will not be counted in the total for the paper.

\*\*If more than two questions in section B are attempted, all will be marked, but only the two highest marks will be counted in the total for the paper.