

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

Level	Code	Module	Exam Rubric
3	H8004Z	<i>Electricity and Magnetism</i>	A1 Authorised calculators are permitted
3	H8005Z	<i>Applied Technology (Exceptional Paper June 2025)</i>	A5
3	H8006Z	<i>Foundation Mathematics B</i>	Section A: Answer ALL questions. Section B: Answer FOUR of SIX questions. Authorised calculators are permitted
3	H8007Z	<i>Programming for Engineers</i>	A5
3	H8008Z	<i>English for Engineering</i>	A5
4	H1034Z	<i>Engineering Mathematics 1B</i>	A5
4	H7130Z	<i>Electromagnetism and Introduction to Electrical Machines</i>	A2
4	H6099Z	<i>Electronic Devices and Circuit Prototyping</i>	A1
4	H3052Z (special – August resit)	<i>Engineering Thermodynamics</i>	A1
5	H7120Z	<i>Mechanics of Mechanisms and Robots</i>	A1
5	H7138Z	<i>Digital Signal Processing</i>	A1
5	H7061Z	<i>Embedded Systems</i>	A1
5	H7095Z	<i>Business and Project Management</i>	A1
5	H7121Z	<i>Industrial Automation Systems</i>	A1
5	H7127Z	<i>Computer Network</i>	A1
6	H6109Z	<i>Radio to Optical Frequency Engineering</i>	A1
6	H6097Z	<i>Electrical Drive Systems</i>	A1
7	521H3Z	<i>Image Processing</i>	A1

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

Rubric Key

KEY		
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.