**MATH61000**

**ILOs and Rubric for Main-Project**

**Intended Learning Outcomes (ILOs)**

* summarise and select appropriate mathematical content;
* present mathematical content in such a way as to communicate key ideas in written and verbal form;
* accurately describe specific mathematical concepts;
* write aims and objectives of the project;
* discuss mathematical arguments on specific topic and illustrate their place in wider subject area, in written and verbal form.

**RUBRIC (out of 100 marks)**

**Abstract and Introduction (10 marks)**

Background and motivation of the project

Statement of project’s aims and objectives

Overview of the underlying problem and what the project accomplishes

Contributions of the student

**Presentation (15 marks)**

Organisation of material and detailed references

Clarity of writing and consistent notation

Formatting and accuracy of bibliography

**Accuracy (20 marks)**

Correctness of arguments

mathematical precision

**Content (25 marks)**

Selection of material

Quality and quantity of material

appropriate use of sources

**Understanding (20 marks)**

Appreciation of meaning, context and significance of work presented

Evidence of individual expression

Evidence of independent thinking and understanding of methods used.

**Oral examination (10 marks)**

Verbal presentation skills

Quality of presentation materials.

Ability to respond to questions orally