Timetable

Mornings: * 9.30am – 11.00am **Lecture** + 11.15am – 12.45pm **Tutorial**
Afternoons: 1.30pm – 3.00pm **Tutorial** + 3.15pm – 4.45pm **Lecture**
[* The morning of day 1 is different – details below *]

Lectures

Venue: ENG-3035: Third Floor, Engineering Building

Date	Time	Topic
Thursday August 16	*** from 11.15am ***	**Registration in ENG-3035**
	***11.45am to 12.45pm** *	**Introduction to Engineering Mathematics and Tutorial Allocation**
	3.15pm to 4.45pm	**Binomial Theorem** (Ref. Maths 4, Chapter 16) **& Permutations and Combinations** (Ref. Maths 5, Chapter 5)
Friday August 17	9.30am to 11.00am	**Sequences and Series** (Ref. Maths 5, Chapter 7)
	3.15pm to 4.45pm	**Trigonometry** (Ref. Maths 4, Chapters 7 & 8)
Saturday August 18	9.30am to 11.00am	**Coordinate Geometry (esp. of the circle)** (Ref. Maths 5, Chapter 1)
	3.15pm to 4.45pm	**Differentiation** (Ref. Maths 4, Chapter 12)
Monday August 20	9.30am to 11.00am	**Applications of Differentiation** (Ref. Maths 4, Chapter 13)
	3.15pm to 4.45pm	**Integration** (Ref. Maths 4, Chapter 14)
Tuesday August 21	9.30am to 11.00am	**Complex numbers** (Ref. Maths 5, Chapter 2)

Tutorials

Each Student will be allocated to one of 4-6 smaller Tutorial groups.
At 3rd level Lectures and Tutorials have different roles; Lectures are to explain the material (with few worked examples), and Tutorials give a chance to ask questions about the material (and work through many more examples).
Past Papers for this course are available on the website, and form the basis for most of the examples which will be used in both the Lectures and the Tutorials

Possible Venues: ENG-2003, 2033, 2034, 2035, 3034, 3036

Date	Time	Problem sheets based on:
Thursday August 16	1.30pm to 3.00pm	**Quadratic & Cubic Equations** **Simultaneous Equations (3 variables)** (Ref. Maths 4, Chapters 1 & 2)
Friday August 17	11.15am to 12.45pm	**Binomial Theorem &** (Ref. Maths 4, Chapter 16) **Permutations and Combinations** (Ref. Maths 5, Chapter 5)
	1.30pm to 3.00pm	**Sequences and Series** (Ref. Maths 5, Chapter 7)
Saturday August 18	11.15am to 12.45pm	**Trigonometry** (Ref. Maths 4, Chapters 7 & 8)
	1.30pm to 3.00pm	**Coordinate Geometry (esp. of the circle)** (Ref. Maths 5, Chapter 1)
Monday August 20	11.15am to 12.45pm	**Differentiation** (Ref. Maths 4, Chapter 12)
	1.30pm to 3.00pm	**Differentiation &** (Ref. Maths 4, Chapter 12) **Applications of Differentiation** (Ref. Maths 4, Chapter 13)
Tuesday August 21	11.15am to 12.45pm	**Complex numbers** (Ref. Maths 5, Chapter 2)