

MATH 1010H (2014-15)**Course Information**

Here is the tentative outline for the class. You are suggested to read the indicated sections in the textbook before each lecture.

Tuesday (10:30am- 12:15pm) Venue: YIA LT5	Thursday (1:30am - 2:15pm) Venue: YIA LT6
Jan 6 Preliminaries Limits of Sequences (§10.1)	Jan 8 Limits of Sequences (§10.1)
Jan 13 Limits of Sequences (§10.1) Limits of Functions (§2.1-2.3)	Jan 15 Limits of Functions (§2.1-2.3)
Jan 20 Limits and Continuity (§2.4-2.6)	Jan 22 Limits and Continuity (§2.4-2.6)
Jan 27 Derivatives (§3.1-3.8)	Jan 29 Derivatives (§3.1-3.8)
Feb 3 Derivatives (§3.1-3.8)	Feb 5 Derivatives (§3.1-3.8)
Feb 10 Applications of Derivatives (§4.1-4.5)	Feb 12 Quiz 2
Feb 17 Applications of Derivatives (§4.1-4.5)	Feb 19 Lunar New Year Vacation
Feb 24 Lunar New Year Vacation	Feb 26 Applications of Derivatives (§4.1-4.5)
Mar 3 Infinite Series (§10.8-10.9)	Mar 5 Infinite Series (§10.8-10.9) L'Hopital's Rule (§7.5)
Mar 10 Integration (§5)	Mar 12 Integration (§5)

Techniques of Integration (§8.1-8.4)	Techniques of Integration (§8.1-8.4)
Mar 17 Integration (§5) Techniques of Integration (§8.1-8.4)	Mar 19 Quiz 2
Mar 24 Integration (§5) Techniques of Integration (§8.1-8.4)	Mar 26 Applications of Integrals (§6.1-6.4)
Mar 31 Applications of Integrals (§6.1-6.4)	Apr 2 Applications of Integrals (§6.1-6.4)
Apr 7 Public holiday – Easter	Apr 9 Applications of Integrals (§6.1-6.4) Improper Integrals (§8.7)
Apr 14 Improper Integrals (§8.7) Revision	Apr 16 Revision