章節	週次	課程進度
11. Infinite Sequences and Series	第一週 2/24、2/26	[11.1] Sequences
		[11.2] Series
		[11.3] The Integral Test and Estimates of Sums
		[11.4] The Comparison Tests
	第二週 3/2、3/4	[11.5] Alternating Series
		[11.6] Absolute Convergence and the Ratio and Root Tests
		[11.7] Strategy for Testing Series
		[11.8] Power Series
	第三週 3/9、3/11	[11.9] Representations of Functions as Power Series
		[11.10] Taylor and Maclaurin Series
	第四週 3/16、3/18	[11.11] Applications of Taylor Polynomials
12. Vectors and the Geometry of Space 13. Vector Functions		緩衝時間
	第五週 3/23、3/25	[12.6] Cylinders and Quadric Surfaces
		[13.1] Vector Functions and Space Curves
		[13.2] Derivatives and Integrals of Vector Functions
		[13.3] Arc Length and Curvature
14. Partial Derivatives	第六週 3/30、4/1	[14.1] Functions of Several Variables
		4/1(五) 溫書假
	第七週 4/6、4/8	[14.2] Limits and Continuity
		[14.3] Partial Derivatives
		[14.4] Tangent Planes and Linear Approximations
		[14.5] The Chain Rule
	第八週 4/13、4/15	[14.6] Directional Derivatives and the Gradient Vector
		[14.7] Maximum and Minimum Values
	第九週 4/20、4/22	[14.8] Lagrange Multipliers
		緩衝時間
期中考 4/23（六）09:00～11:30　考試範圍：11.1～14.8（英文命題）		

15. Multiple Integrals	第十週 4/27、4/29	[15.1] Double Integrals over Rectangles
		[15.2] Iterated Integrals
		[15.3] Double Integrals over General Regions
	第十一週 5/4、5/6	[15.4] Double Integrals in Polar Coordinates
		[15.5] Applications of Double Integrals
		[15.6] Surface Area
		[15.7] Triple Integrals
	第十二週 5/11、5/13	[15.8] Triple Integrals in Cylindrical Coordinates
		[15.9] Triple Integrals in Spherical Coordinates
		[15.10] Change of Variables in Multiple Integrals
		緩衝時間
16. Vector Calculus	第十三週 5/18、5/20	[16.1] Vector Fields
		[16.2] Line Integrals
		[16.3] The Fundamental Theorem for Line Integrals
	第十四週 5/25、5/27	[16.4] Green's Theorem
		[16.5] Curl and Divergence
		[16.6] Parametric Surfaces and Their Areas
	第十五週 6/1、6/3	[16.7] Surface Integrals
		[16.8] Stokes' Theorem
		6/4(六) 補 6/10 的課
	第十六週 6/8、6/10	[16.9] The Divergence Theorem
		[16.10] Summary
		6/10(五) 調整放假
17. Second-Order Differential Equations	第十七週 6/15、6/17	[17.1] Second-Order Linear Equations
		[17.2] Nonhomogeneous Linear Equations
		緩衝時間
	期末考 6/18（六）09:00～11:30 考試範圍：15.1～17.2（英文命題）	