章節	週次	課程進度
11. Infinite Sequences and Series	第一週 2/19、2/21	[11.1] Sequences
		[11.2] Series
		[11.3] The Integral Test and Estimates of Sums
		[11.4] The Comparison Tests
	第二週 2/26、2/28	[11.5] Alternating Series
		[11.6] Absolute Convergence and the Ratio and Root Tests
		2/28(五)和平紀念日
	第三週 3/5、3/7	[11.7] Strategy for Testing Series
		[11.8] Power Series
		[11.9] Representations of Functions as Power Series
	第四週 3/12、3/14	[11.10] Taylor and Maclaurin Series
		[11.11] Applications of Taylor Polynomials
12. Vectors and the Geometry of Space		緩衝時間
	第五週 3/19、3/21	[12.6] Cylinders and Quadric Surfaces
		[13.1] Vector Functions and Space Curves
13. Vector Functions		[13.2] Derivatives and Integrals of Vector Functions
		[13.3] Arc Length and Curvature
		[13.4] Motion in Space: Velocity and Acceleration（＊）
14. Partial Derivatives	第六週 3/26、3/28	[14.1] Functions of Several Variables
		[14.2] Limits and Continuity
		[14.3] Partial Derivatives
		[14.4] Tangent Planes and Linear Approximations
		[14.5] The Chain Rule
	第七週 4/2、4/4	4/2(三)溫書假
		4/4(五)兒童節
	第八週 4/9、4/11	[14.6] Directional Derivatives and the Gradient Vector
		[14.7] Maximum and Minimum Values
	第九週 4/16、4/18	[14.8] Lagrange Multipliers
		緩衝時間
期中考 4/19（六）09：00～11：30　考試範圍：11.1～14.8（英文命題）		

	第十週 4/23、4/25	[15.1] Double Integrals over Rectangles
		[15.2] Iterated Integrals
		[15.3] Double Integrals over General Regions
15. Multiple Integrals	第十一週 4/30、5/2	[15.4] Double Integrals in Polar Coordinates
		[15.5] Applications of Double Integrals（＊）
		緩衝時間
	第十二週 5/7、5/9	[15.6] Surface Area
		[15.7] Triple Integrals
		[15.8] Triple Integrals in Cylindrical Coordinates
		[15.9] Triple Integrals in Spherical Coordinates
16. Vector Calculus	第十三週 5/14、5/16	[15.10] Change of Variables in Multiple Integrals
		緩衝時間
	第十四週 5/21、5/23	[16.1] Vector Fields
		[16.2] Line Integrals
		[16.3] The Fundamental Theorem for Line Integrals
	第十五週 5/28、5/30	[16.4] Green's Theorem
		[16.5] Curl and Divergence
		[16.6] Parametric Surfaces and Their Areas
	第十六週 6/4、6/6	[16.7] Surface Integrals
		[16.8] Stokes' Theorem
	第十七週 6/11、6/13	[16.9] The Divergence Theorem
		[16.10] Summary
		緩衝時間
期末考 6/14（六）09：00～11：30 考試範圍：15.1～16.10（英文命題）		