1071 模組班01、03班

	IU/I 関組班UI、U3班		
	第一週	1.4	Exponential Functions
		1.5	Inverse Functions and Logarithms
		2.1	The Tangent and Velocity Problems
	第二週	2.2	The Limit of a Function
		2.3	Calculating Limits Using the Limit Laws
		2.4	The Precise Definition of a Limit
	第三週	2.5	Continuity
		2.6	Limits at Infinity; Horizontal Asymptotes
	9/24(一)中秋節	2.7	Derivatives and Rates of Change
		2.8	The Derivative as a Function
		3.1	Derivatives of Polynomials and Exponential Functions
		3.2	The Product and Quotient Rules
	第四週	3.3	Derivatives of Trigonometric Functions
微		3.4	The Chain Rule
積		3.5	Implicit Differentiation
分	第五週	3.6	Derivatives of Logarithmic Functions
1	五	3.8	Exponential Growth and Decay (*)
		3.9	Related Rates
	第六週	3.10	Linear Approximations and Differentials
		3.11	Hyperbolic Functions (*)
		4.1	Maximum and Minimum Values
	45 L NE	4.2	The Mean Value Theorem
	第七週	4.3	How Derivatives Affect the Shape of a Graph
		4.4	Indeterminate Forms and I"Hospital"s Rule
	66 IZ NE	4.5	Summary of Curve Sketching
	第八週	4.7	Optimization Problems
		4.9	Antiderivatives
			7) 09:00~11:30 考試範圍 1.4~4.9(英文命題)
	66 L NO		
	第九週		1的彈性時間
	第十週	5.1	Areas and Distances
		5.1 5.2	Areas and Distances The Definite Integral
	第十週 11/15(四)校慶停課	5.1 5.2 5.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus
	第十週	5.1 5.2 5.3 5.4	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem
	第十週 11/15(四)校慶停課	5.1 5.2 5.3 5.4 5.5	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule
	第十週 11/15(四)校慶停課	5.1 5.2 5.3 5.4 5.5 6.1	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves
	第十週 11/15(四)校慶停課 第十一週	5.1 5.2 5.3 5.4 5.5 6.1 6.2	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume
	第十週 11/15(四)校慶停課	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells
	第十週 11/15(四)校慶停課 第十一週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function
	第十週 11/15(四)校慶停課 第十一週 第十二週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts
	第十週 11/15(四)校慶停課 第十一週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function
微	第十週 11/15(四)校慶停課 第十一週 第十二週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts
微積	第十週 11/15(四)校慶停課 第十一週 第十二週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals
積	第十週 11/15(四)校慶停課 第十一週 第十二週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions
積	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integrals Improper Integrals
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integrals Arc Length
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週 12/22(六)補12/31(一)的課	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3 9.4	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations Models for Population Growth (*) Linear Equations
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週 12/22(六)補12/31(一)的課	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3 9.4 9.5	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations Models for Population Growth (*)
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十三週 12/22(六)補12/31(一)的課	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3 9.4 9.5 10.1 10.2	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations Models for Population Growth (*) Linear Equations Curves Defined by Parametric Equations Calculus with Parametric Curves
積分	第十週 11/15(四)校慶停課 第十一週 第十三週 第十三週 第十三週 第十四週 第十五週 12/22(六)補12/31(一)的課	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3 9.4 9.5 10.1 10.2 10.3	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations Models for Population Growth (*) Linear Equations Curves Defined by Parametric Equations Calculus with Parametric Curves Polar Coordinates
積分	第十週 11/15(四)校慶停課 第十一週 第十二週 第十三週 第十五週 12/22(六)補12/31(一)的課 第十六週 第十十週 12/31(一)調整放假 1/1(二)開國紀念日	5.1 5.2 5.3 5.4 5.5 6.1 6.2 6.3 6.5 7.1 7.2 7.3 7.4 7.5 7.8 8.1 8.2 9.1 9.3 9.4 9.5 10.1 10.2 10.3 10.4	Areas and Distances The Definite Integral The Fundamental Theorem of Calculus Indefinite Integrals and the Net Change Theorem The Substitution Rule Areas Between Curves Volume Volumes by Cylindrical Shells Average Value of a Function Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Improper Integrals Arc Length Area of a Surface of Revolution Modeling with Differential Equations Separable Equations Models for Population Growth (*) Linear Equations Curves Defined by Parametric Equations Calculus with Parametric Curves

1072 模組班01、03班

	1072 模組班01、03班 第一週	12.6	Cylinders and Quadric Surfaces
		13.1	Vector Functions and Space Curves
		13.2	Derivatives and Integrals of Vector Functions
	第二週	13.3	Arc Length and Curvature
	2/28(四)和平紀念日	13.4	Motion in Space: Velocity and Acceleration (*)
		14.1	Functions of Several Variables
	第三週	14.2	Limits and Continuity
		14.3	Partial Derivatives
		14.4	Tangent Planes and Linear Approximation
	第四週	14.5	The Chain Rule
		14.6	Directional Derivatives and the Gradient Vector
微	公工 细	14.7	Maximum and Minimum Values
積	第五週	14.8	Lagrange Multipliers
分		15.1	Double Integrals over Rectangles
3	第六週	15.2	Double Integrals over General Regions
		15.3	Double Integrals in Polar Coordinates
	第七週		
	4/2(二)溫書假 4/4(四)兒童節	緩衝時	間(4/1(一)經濟系要上課喔~)
	, (,, =	15.4	Applications of Double Integrals (*)
	第八週	15.5	Surface Area
		15.6	Triple Integrals
		15.7	Triple Integrals in Cylindrical Coordinates
	第九週	15.8	Triple Integrals in Spherical Coordinates
		15.9	Change of Variables in Multiple Integrals
	期考 4	/20(六)	09:00~11:30 考試範圍 12.6~15.9(英文命題)
		16.1	Vector Fields
	第十週	16.1 16.2	Vector Fields Line Integrals
		16.2	Line Integrals
		16.2 16.3	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence
	第十週	16.2 16.3 16.4	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem
	第十週	16.2 16.3 16.4 16.5	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence
	第十週	16.2 16.3 16.4 16.5 16.6	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas
	第十一週	16.2 16.3 16.4 16.5 16.6 16.7	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals
	第十一週	16.2 16.3 16.4 16.5 16.6 16.7 16.8	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem
微	第十一週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem
微積	第十週 第十一週 第十二週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary
	第十週 第十一週 第十二週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences
積	第十週 第十一週 第十二週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series
積分	第十週 第十一週 第十二週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums
積分	第十週 第十一週 第十二週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests
積分	第十週 第十一週 第十二週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series
積分	第十週 第十一週 第十二週 第十三週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests
積分	第十週 第十一週 第十二週 第十三週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5 11.6 11.7	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests Strategy for Testing Series
積分	第十週 第十一週 第十二週 第十三週 第十三週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests Strategy for Testing Series Power Series
積分	第十週 第十一週 第十三週 第十三週 第十五週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests Strategy for Testing Series Power Series Representations of Functions as Power Series
積分	第十週 第十二週 第十三週 第十四週 第十五週 第十六週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8 11.9 11.10 11.11	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests Strategy for Testing Series Power Series Representations of Functions as Power Series Taylor and Maclaurin Series Applications of Taylor Polynomials Second-Order Linear Equations
積分	第十週 第十一週 第十三週 第十三週 第十五週	16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 16.10 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8 11.9 11.10 11.11	Line Integrals The Fundamental Theorem for Line Integrals Green's Theorem Curl and Divergence Parametric Surfaces and Their Areas Surface Integrals Stokes' Theorem The Divergence Theorem Summary Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence and the Ratio and Root Tests Strategy for Testing Series Power Series Representations of Functions as Power Series Taylor and Maclaurin Series Applications of Taylor Polynomials

1071 模組班02班

	第一週	1.4	Functions
		1.5	Inverse Functions
		2.1	The Tangent and Velocity Problems
	第二週	2.2	The Limit of a Function
		2.3	Calculating Limits Using the Limit Laws
		2.5	Continuity
	第三週 9/24(一)中秋節	2.6	Limits at Infinity; Horizontal Asymptotes
		2.7	Derivatives and Rates of Change
		2.8	The Derivative as a Function
		3.1	Derivatives of Polynomials and Exponential Functions
	₹ ₹ III }⊞	3.2	The Product and Quotient Rules
微	第四週	3.3	Derivatives of Trigonometric Functions
積		3.4	The Chain Rule
分		3.5	Implicit Differentiation
1	第五週	3.6	Derivatives of Logarithmic Functions
	7521.22	3.8	Exponential Growth and Decay
		3.9	Linear Approximations and Differentials
	第六週	4.1	Maximum and Minimum Values
	71/15	4.2	The Mean Value Theorem
		4.3	How Derivatives Affect the Shape of a Graph
	第七週	4.4	Indeterminate Forms and L'Hospital 's Rule
		4.5	Summary of Curve Sketching
	第八週	4.7	Optimization Problems
	为八型	4.9	Antiderivatives
			Antidenvatives 11/3(六) 09:00~11:30 (英文命題)
			11/3(/\(\) 03.00\(\) 11.30 (吴文明度)
	<u> </u>	5.1	Areas and Distances
		5.2	The Definite Integral
	第十週	5.3	The Fundamental Theorem of Calculus
	11/15(四)校慶停課	5.4	Indefinite Integrals and the Net Change Theorem
		5.5	The Substitution Rule
		6.1	Areas Between Curves
		6.2	Volume
	第十一週	6.3	Volumes by Cylindrical Shells
		6.5	Average Value of a Function
		7.1	Integration by Parts
	第十二週	7.1	Trigonometric Integrals
Zili-L	和 1 — 煌	7.2	Trigonometric Substitution
微		7.4	Integration of Rational Functions by Partial Fractions
積	第十三週	7.4	Strategy for Integration
分		7.8	
2		7.8	Improper Integrals
	第十四週	1.0	Improper Integrals Applications of Integrals (in Mathematical Statistics)
		0.1	Applications of Integrals (in Mathematical Statistics)
	第十五週	9.1	Modeling with Differential Equations
	12/22(六)補12/31(一)的課	9.3	Separable Equations Models for Population Crowth
		9.4 9.5	Models for Population Growth Linear Equations
	第十六週		
	カーハ処	10.1 10.2	Curves Defined by Parametric Equations Calculus with Parametric Curves
		+	
	・ ・ ・	10.3	Polar Coordinates
	1/1(二)開國紀念日	10.4	Areas and Lengths in Polar Coordinates
		期	考1/5(六) 09:00~11:30 (英文命題)

Stewart, Calculus: Early Transcendentals 第八版

1072 模組班02班

		1	
		12.6	Cylinders and Quadric Surfaces
	第一週	14.1	Functions of Several Variables
		14.2	Limit and Continuity
	第二週	14.3	Partial Derivatives
	2/28(四)和平紀念日	14.4	Tangent Planes and Linear Approximation
	第三週	14.5	The Chain Rules
	ㅠ <u></u> 면	14.6	Directional Derivatives and the Gradient Vector
/III.L	第四週	14.7	Maximum and Minimum Values
微	, 유디션	14.8	Lagrange Multipliers
積	第五週	14.8	Lagrange Multipliers
分	おユピ	15.1	Double Integrals over Rectangles
3	第六週	15.2	Double integrals over General Regions
		15.4	Applications of Double Integrals (*)
	第七週	15.6	Triple Integrals (with Applications in Statistics)
	4/2(二)溫書假 4/4(四)兒童節	15.9	Change of Variables in Multiple Integrals
			Geometric Series
	第八週		Taylor's Theorem
	第九週		Taylor Series
		期考	4/20(六) 09:00~11:30 (英文命題)
微	第十週	11.1	Sequences and Completeness of the Real Numbers
積	光 1 煌	11.2	Series
分		11.3	The Integral Test and Estimates of Sums
, ,			
4	第十一週	11.4	The Comparison Tests
4	第十一週		Alternating Series
4		11.4 11.5 11.6	
	第十一週 	11.4 11.5	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series
- -		11.4 11.5 11.6	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series
1 1	第十二週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series
- - 在		11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints
· · 在經	第十二週第十三週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices)
在經濟	第十二週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems
- 在經濟商	第十二週 第十三週 第十三週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems Constrained Optimization: Second Order Conditions
- 在經濟商管	第十二週 第十三週 第十四週 第十五週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems Constrained Optimization: Second Order Conditions Constraint Qualifications
在經濟商管的	第十二週 第十三週 第十四週 第十五週 第十六週	11.4 11.5 11.6 11.8	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems Constrained Optimization: Second Order Conditions Constraint Qualifications Concave and Convex Functions
在經濟商管的應	第十二週 第十三週 第十四週 第十五週	11.4 11.5 11.6 11.8 11.9	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems Constrained Optimization: Second Order Conditions Constraint Qualifications Concave and Convex Functions Concave Programming
- 在經濟商管的	第十二週 第十三週 第十四週 第十五週 第十六週	11.4 11.5 11.6 11.8 11.9	Alternating Series Absolute Convergence and the Ratio and Root Tests Power Series Representations of Functions as Power Series Constrained Optimization: Inequality Constraints Constrained Optimization: Mixed Constraints Kuhn-Tucker Formulation (and Shadow Prices) Envelope Theorems Constrained Optimization: Second Order Conditions Constraint Qualifications Concave and Convex Functions