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1. Functions and	第一週	1.4	Exponential Functions
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		2.1	The Tangent and Velocity Problems
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	第三週	2.6	Limits at Infinity; Horizontal Asymptotes
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		2.8	The Derivative as a Function
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		3.6	Derivatives of Logarithmic Functions
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		3.9	Related Rates
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	第六週	3.11	Hyperbolic Functions
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		4.2	The Mean Value Theorem
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integration 8. Further applications of	第十二週 11/30, 12/2 第十三週 12/7, 12/9	7.2 7.3 7.4 7.5 7.7 7.8	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform
integration 8. Further	第十二週 11/30, 12/2 第十三週	7.2 7.3 7.4 7.5 7.7 7.8 8.1	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform Laplace Transform
8. Further application integration	第十二週 11/30, 12/2 第十三週 12/7, 12/9 第十四週	7.2 7.3 7.4 7.5 7.7 7.8 8.1	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform Laplace Transform Curves Defined by Parametric Equations
8. Further application of integration	第十二週 11/30, 12/2 第十三週 12/7, 12/9	7.2 7.3 7.4 7.5 7.7 7.8 8.1	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform Curves Defined by Parametric Equations Calculus with Parametric Curves
8. Further applications of integration 10. Parametric equations and	第十二週 11/30, 12/2 第十三週 12/7, 12/9 第十四週 12/14, 12/16	7.2 7.3 7.4 7.5 7.7 7.8 8.1 10.1 10.2 10.3	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform Laplace Transform Curves Defined by Parametric Equations Calculus with Parametric Curves Polar Coordinates
8. Further application of integration	第十二週 11/30, 12/2 第十三週 12/7, 12/9 第十四週	7.2 7.3 7.4 7.5 7.7 7.8 8.1	Integration by Parts Trigonometric Integrals Trigonometric Substitution Integration of Rational Functions by Partial Fractions Strategy for Integration Approximate Integration (*) Improper Integrals Arc Length Laplace Transform Curves Defined by Parametric Equations Calculus with Parametric Curves
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	期 中 传 4/13	` 	00~11:30 考試範圍 11.1~14.8(英文命題)
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1.5 Inverse Functions and Logarithms 9/14, 9/16 9/14, 9/16 9/14, 9/16 9/14, 9/16 9/14, 9/16 9/14, 9/16 9/14, 9/16 9/14, 9/18 9/21, 9/23 2.3 Calculating Limits Using the Limit Laws 2.4 The Precise Definition of a Limit 2.5 Continuity 2.6 Limits at Infinity, Horizontal Asymptotes 2.7 Derivatives and Rates of Change 2.8 The Derivatives and Rates of Polynomials and Exponential Functions 3.1 Derivatives of Polynomials and Exponential Functions 3.3 Derivatives of Polynomials and Exponential Functions 3.4 The Chain Rule 3.5 Implicit Differentiation 3.6 Derivatives of Trigonometric Functions 3.6 Derivatives of Trigonometric Functions 3.7 The Chain Rule 3.5 Implicit Differentiation 3.6 Derivatives of Logarithmic Functions 3.10 Linear Approximations and Differentials 3.11 Hyperbolic Functions 3.11 Hyperbolic	1051		14.4	le one o
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