98-2 大葉大學 完整版課綱 - 上課進度

上課進度		分配時數(%)				
週次	教學內容	講授	示範	習作	實驗	其他
1	[7.2]指數函數及其導函數Exponential Functions and Their Derivatives [7.3]對數函數Logarithmic Functions [7.2*]自然對數函數The Nature Logarithmic Function	80	10	10	0	0
2	[7.2*]對數函數Logarithmic Functions [7.3*]自然對數函數The Nature Logarithmic Function	80	10	10	0	0
3	[7.4*]一般對數與指數函數General Logarithmic and Exponential Functions [7.8]不定型與羅必達法則Indeterminate Forms and L'Hospital's Rule	80	10	10	0	0
4	[8.1]分部積分法 Integration by Parts [8.2]三角積分Trigonometric Integrals	80	10	10	0	0
5	[7.6]反三角函數Inverse Trigonometric Functions [8.3]三角代換法Trigonometric Substitution	80	10	10	0	0
6	[8.4]有理函數之部分分式積分法 Integration by Partial Fractions [8.8]瑕積分Improper Integrals	80	10	10	0	0
7	[8.8]瑕積分Improper Integrals	80	10	10	0	0
8	(期中考週)	0	0	0	0	100
9	[15.1]多變數函數Functions of Several Variables [15.2]極限與連續Limits and Continuity	80	10	10	0	0
10	[15.3]偏導函數Partial Derivatives [3.9]線性逼近與微分量Linear Approximations and Differentials	80	10	10	0	0
11	[15.4]切平面與線性逼近Tangent Line and Linear Approximation [15.5]連鎖法則The Chain Rule	80	10	10	0	0
12	[15.6]方向導函數與梯度向量Directional Derivatives and Gradient Vectors [15.7]極大與極小值Maximum and Minimum Values	80	10	10	0	0
13	[15.7]極大與極小值Maximum and Minimum Values [15.8]拉格朗日乘數Lagrange Multipliers [16.1]矩形區域上之二重積分Double Integrals over Rectangles	80	10	10	0	0
14	[16.2]疊積分Iterated Integrals [16.9]重積分之變數變換Change of Variables in Multiple Integrals	80	10	10	0	0
15	[12.1]數列Sequences [12.2]級數Infinite Series (收斂Convergence & 發散Divergence)	80	10	10	0	0
16	[12.6]絕對收斂與比值及根值測試 Absolute Covergence and the Ratio Test and Root Test [12.10]泰勒級數與馬克勞林級數Taylor and Maclaurin Series	80	10	10	0	0
17	[12.10]泰勒級數與馬克勞林級數Taylor and Maclaurin Series (期末考週)	80	10	10	0	0
18	(期末考週)	0	0	0	0	100