

## 97-1 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    | 課程簡介   | 100     |    |    |    |    |
| 2    | Properties of Functions  | 50      | 50 |    |    |    |
| 3    | Limits   | 50      | 50 |    |    |    |
| 4    | Continuity; Rate of Change                                       | 50      | 50 |    |    |    |
| 5    | Definition of the Derivative; Techniques for Finding Derivatives | 50      | 50 |    |    |    |
| 6    | Derivatives of Products and Quotients                            | 50      | 50 |    |    |    |
| 7    | The Chain Rule   | 50      | 50 |    |    |    |
| 8    | 期中考  |         |    |    |    |    |
| 9    | Exponential and Logarithmic Functions                            | 50      | 50 |    |    |    |
| 10   | Derivatives of Exponential and Logarithmic Functions             | 50      | 50 |    |    |    |
| 11   | Increasing and Decreasing Functions; Relative Extrema            | 50      | 50 |    |    |    |
| 12   | The Second Derivative Test                                       | 50      | 50 |    |    |    |
| 13   | Curve Sketching  | 50      | 50 |    |    |    |
| 14   | Absolute Extrema   | 50      | 50 |    |    |    |
| 15   | Anti-derivatives   | 50      | 50 |    |    |    |
| 16   | Area and the Definite Integral                                   | 50      | 50 |    |    |    |
| 17   | The Fundamental Theorem of Calculus                              | 50      | 50 | 0  | 0  | 0  |
| 18   | Final  | 10      | 10 | 80 | 0  | 0  |

