1. 課程名稱：鋪面管理系統(Pavement Management System)
2. 學分數：3
3. 課程編號：
4. 授課教師：蕭志銘
5. 課程目標：Introduce pavement management system including planning, design, construction, maintenance and rehabilitation, and evaluation.
6. 課程內容概要：
   1. The pavement management process
   2. Data requirements
   3. Determining present and future needs, and priority programming of rehabilitation and maintenance
   4. Project level design: structural and economic analysis
   5. Implementation
   6. Examples of working systems
   7. Looking ahead
7. 成績計算方式：
   (a) 2 Exams. .......................................................... 50%
   (b) Homeworks ......................................................... 25%
   (c) Presentations ..................................................... 25%
8. 教科書或主要參考書：
   (b) “Pavement Analysis and Design”, Y. H. Huang, Prentice Hall.
   (c) “Hot Mix Asphalt Materials, Mixture Design and Construction”, Roberts, Kandhal, Brown Lee and Kennedy, NAPA Education Foundation, Lanham, Maryland, USA.
9. 適合選修對象：博碩研究生選修
10. 建議先修基礎課程：無