

淡江大學 97 學年度第 2 學期課程教學計畫表(格式二)

壹、科目名稱：Design of Reinforced Concrete II

貳、授課老師：廖國偉

參、開課系所班級：土木工設 三

肆、必選修：選

伍、學分數：3

陸、先修科目：無

柒、教學內容及進度：

1. Review the basic concept of reinforced concrete design (week 1)
2. Design of slender column (week 2~4)
3. Two ways slabs: behavior, analysis, and the method of yield line (week 5~7)
4. Footings (week 8~9)
5. Strut and tie model (week 10~12)
6. Shear wall (week 13~14)
7. Design for earthquake resistance (week 15~17)

捌、授課方式：教學、示範、討論

玖、教學設備：教學平台

拾、教材課本：Reinforced Concrete, Mechanics and Design, Fourth Edition in SI Units, James G Macgregor, James K Wight, the latest version
ISBN: 0-13-197642-7

拾壹、參考書籍：

拾貳、成績考核方式：

	平時成績：	20	%
	期中考成績：	40	%
	期末考成績：	40	%
	讀書報告：	%	
	其他 (_____)：		%