

國立中央大學 0951 課程大綱資料編輯

當學期 課程流水號:	21034
課號:	MA3006
班次:	*
科目名稱(中):	實變函數論
科目名稱(英):	Real Variables
授課老師:	陳建隆
OFFICE HOUR:	Tuesday 10-12, Wednesday 15-17
授課內容:	<p>In this course, Real Variables (I), we will study the following topics :</p> <p>Chapter 1. The Real Number System</p> <p>Chapter 2. Lebesgue Measure - introduction, outer measure, measurable set and Lebesgue measure, a nonmeasurable set, measurable function, Littlewood 's three principles</p> <p>Chapter 3. The Lebesgue Integral- The Riemann integral, the Lebesgue integral of a bounded function over a set of finite measure, the integral of a nonnegative function, the general Lebesgue integral, convergence in measure</p> <p>Chapter 4. Differentiation and Integration</p> <p>Chapter 5. The Classical Banach Spaces</p>
教科書/ 參考書:	<p>(1) H. L. Royden, Real Analysis, Third Edition</p> <p>(2) 講義</p>
授課方式:	<input checked="" type="checkbox"/> 講授 <input checked="" type="checkbox"/> 研討 <input checked="" type="checkbox"/> 實習/實驗 <input checked="" type="checkbox"/> 個別指導 <input type="checkbox"/> 其他

評量方式:	<div>作業 20% + 報告 30% + 平常成績 10% + 期末考 40%</div>
	<div>確定修改 重新設定</div>