

# 個別課程英文授課大綱

表單編號：QP-T02-07-11

保存年限：10年

課程名稱 Course Title	(中文)“投資學” for Undergraduates (科目代號 000351031972) (英文) Investments																																						
授課教師 Instructor	傅冶天	開課單位 Departments	財管系 Finance Dept.																																				
學分數 Credit(s)	3	修課對象 Target Students	Undergraduates																																				
課程目標 Course Objectives	This introductory (but fast-paced) course provides a general survey of finance and investments. It emphasizes an intuitive, logically rigorous understanding of the theory and practice of financial markets, illustrates the concepts through examples and cases drawn from the public, private, and non-profit sectors.																																						
課程大綱 Course Description	Topics covered include: present value analysis and discounting, diversification, the tradeoff between risk and return, market efficiency, pricing of stocks and bonds, the capital asset pricing model, term structure of interest rates, the principle of arbitrage, pricing of derivative securities (forwards, futures, and options), the use of derivatives for hedging, risk management, and the regulation of financial markets.																																						
上課進度 Weekly Course Schedule	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">1</td><td>Introduction to finance and financial markets</td></tr> <tr><td style="text-align: center;">2</td><td>Present value and the opportunity cost of capital</td></tr> <tr><td style="text-align: center;">3</td><td>Valuing financial securities: Bonds</td></tr> <tr><td style="text-align: center;">4</td><td>Valuing financial securities: Equity</td></tr> <tr><td style="text-align: center;">5</td><td>Diversification, risk, and return measures</td></tr> <tr><td style="text-align: center;">6</td><td>Case: <i>The State of South Carolina</i></td></tr> <tr><td style="text-align: center;">7</td><td>Choosing a portfolio</td></tr> <tr><td style="text-align: center;">8</td><td>The Capital Asset Pricing Model</td></tr> <tr><td style="text-align: center;">9</td><td>Efficient markets</td></tr> <tr><td style="text-align: center;">10</td><td>Case: <i>Communications Satellite Corporation</i></td></tr> <tr><td style="text-align: center;">11</td><td>Arbitrage</td></tr> <tr><td style="text-align: center;">12</td><td>Case: <i>Long-Term Capital Management</i></td></tr> <tr><td style="text-align: center;">13</td><td>Risk management</td></tr> <tr><td style="text-align: center;">14</td><td>Forward and futures contracts</td></tr> <tr><td style="text-align: center;">15</td><td>Options</td></tr> <tr><td style="text-align: center;">16</td><td>Case: <i>Dozier Industries</i></td></tr> <tr><td style="text-align: center;">17</td><td>Pricing of options</td></tr> <tr><td></td><td>Final exam</td></tr> </table>			1	Introduction to finance and financial markets	2	Present value and the opportunity cost of capital	3	Valuing financial securities: Bonds	4	Valuing financial securities: Equity	5	Diversification, risk, and return measures	6	Case: <i>The State of South Carolina</i>	7	Choosing a portfolio	8	The Capital Asset Pricing Model	9	Efficient markets	10	Case: <i>Communications Satellite Corporation</i>	11	Arbitrage	12	Case: <i>Long-Term Capital Management</i>	13	Risk management	14	Forward and futures contracts	15	Options	16	Case: <i>Dozier Industries</i>	17	Pricing of options		Final exam
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教學方式 Instructional Method	Lecture																																						

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課程要求 Course Requirements	Investment is a quantitative discipline, usually given after financial management and basic accounting. We will focus on the intuition, but there will still be a fair amount of math/numerical computation involved. The course will assume an expertise with basic statistical analysis and with a spreadsheet package (Microsoft Excel, etc.) or a programming language.
評量方式 Evaluation	Grading: Class Participation 10% Written assignments 30% Four Quizzes (some take-home, some in-class: 60%)
教材及參考書目 Textbooks & Suggested Materials	The textbook for the course, <i>Investments</i> , 10 <sup>th</sup> edition by Zvi Bodie, Alex Kane and Alan Marcus, McGraw-Hill Irwin, 2011, is available in bookstores. Other "Required Readings", including cases, are available from the Course Materials Office as a course packet. Regular reading of financial news in publications such as <i>The Wall Street Journal</i> , <i>The Financial Times</i> or the Business pages of <i>The International Herald Tribune</i> is strongly recommended.
課程相關 連結網址 Course Website	<a href="http://www.finance2012.pageout.net">http://www.finance2012.pageout.net</a>
備註 Remarks	None