

Brief Course Description (required)

(50-200 words if possible, up to 1000 letters / 最多 500 個中文字)

This course concerns 18-weeks multi-disciplinary lectures from invited speakers and presentations from students in order to expand the vision of students, increase the understanding of different fields, and strengthen the communication skill to people with various expertise. The students will be expected to learn the trend and important issues in different fields including Law, Business, Literature, Education, Electrical Engineering, Public Health, Chemistry, and Biomedical so that they are able to have independent and interdisciplinary thinking for their future career.

課程大綱 Detailed Course Syllabus

● 課程說明(Course Description)

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List of Invited Speakers:

日期	講者	Name	題目
9月21日	彭旭明教授	Shie-Ming Peng	<u>Molecular Metal Wires:From Homonuclear Metal Strings to Heteronuclear Metal Strings</u>
10月5日	李婉甄教授	Wan-Chen Lee	<u>From the Inside Out: How to Stay Healthier Indoors when Outdoor Particulate Matter (PM) Causes Concerns</u>
10月12日	王家蓁教授	Chia C. Wang	<u>TBA</u>
10月19日	黃承彬教授	Chen-Bin (Robin) Huang	<u>What is ultrafast optics?</u>
11月9日	王潔教授	Jane Wang	<u>Design and Construction of Fully Biodegradable, Implantable Medical Devices</u>

11月23日	黃虹慈教授	Hung-Tzu Huang	<u>TBA</u>
11月30日	吳億盼總經理	Epan Wu	<u>Lifelong learning for a business executive</u>

● 指定用書(Text Books)

N/A

● 參考書籍(References)

Students will be encouraged to read a variable number of documents and scientific papers recommended by teachers. Several will be provided by the teachers and are the same for all students. Others will be selected by students themselves guided by their own interests.

● 教學方式(Teaching Method)

Lectures given by invited speakers

Presentation given by students.

Group discussion

● 教學進度(Syllabus)

Generally, one lecture and one presentation per week.

● 成績考核(Evaluation)

Attendance 20%

Presentation 30%

Discussion 30%

Assignment & Final Report 20%

● 可連結之網頁位址 相關網頁(Personal Website)

e-learning system (iLMS)