**Global Learning Initiatives Program Course Syllabus**

Please complete the following form in English. The information will be updated to the Global Learning Initiatives Program website for students’ reference. If you will be offering more than one course, please fill out one form per course offered. Examples in grey.

**Course Information**

|  |  |
| --- | --- |
| Course Name  \*provide the **English** course name of the course. | Engineering Design |
| Lecturer(s)  \*provide the lecturers’ **English** name. If there are more than one lecturer, please indicate all lecturers in the column. | Prof. Ching-Han Chung |
| Course Description  \*briefly describe the contents covered in the courses. | This lecture will introduce basic concepts of design for visualizing one's scientific messages, data, figures, and charts with PowerPoint as the media. |
| Course Objectives  \*list out knowledge or skills students should acquire upon completion of course. | To help students improve their presentation skills and produce organized, visually pleasing PPT slides in scenarios such as academic conference or one's dissertation talk. |
| Suggested Proficiencies  (if any)  \*list preferred knowledge or skills students should have before taking the course. | Basic Microsoft PowerPoint skills |
| Reading List  (if any)  \*list out the textbooks, references, or other reading materials. | 1. Non-Designer's Design Book, 4th Edition, by Robin P. Williams (好設計，4個法則就夠了） 2. 微調有差の日系新版面設計 3. 版面構圖的準則 4. 用PowerPoint成為簡報王 |
| Grading Criteria  \*how would the students be assessed during the course. | 1. Homework and Assignments, Exams and Quizzes, Evaluation and Grading Policy:  * Lecture exercises (30%) * Midterm exam (30%) * Final exam (40%)  1. Pedagogy and other supplementary information (websites, TAs, handouts and/or databases):  * To carry out lecture exercises, bringing one's laptop is strongly encouraged. |

**Course Schedule**

Please complete the following table with the dates and expected course topics. If there are more than one lecturers instructing the course, please also indicate the lecturer for each class.

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| --- | --- | --- | --- |
| Class | Date (YYYY/MM/DD) | Course Topic | Lecturer |
| 1 | 2023/9/14 | Lecture introduction | Prof. Ching-Han Chung |
| 2 | 2023/9/21 | Strategies | Prof. Ching-Han Chung |
| 3 | 2023/9/28 | Starting simple | Prof. Ching-Han Chung |
| 4 | 2023/10/5 | Fonts &colors theory | Prof. Ching-Han Chung |
| 5 | 2023/10/12 | Working with shapes and pictures | Prof. Ching-Han Chung |
| 6 | 2023/10/19 | Basic animation & transitions | Prof. Ching-Han Chung |
| 7 | 2023/10/26 | Morph | Prof. Ching-Han Chung |
| 8 | 2023/11/2 | Midterm examination (presentation) | Prof. Ching-Han Chung |
| 9 | 2023/11/9 | Zoom | Prof. Ching-Han Chung |
| 10 | 2023/11/16 | Going three dimensional | Prof. Ching-Han Chung |
| 11 | 2023/11/23 | Interactive graphs in PPT | Prof. Ching-Han Chung |
| 12 | 2023/11/30 | Making GIFs and videos | Prof. Ching-Han Chung |
| 13 | 2023/12/7 | Learning from templates | Prof. Ching-Han Chung |
| 14 | 2023/12/14 | Learning from templates | Prof. Ching-Han Chung |
| 15 | 2023/12/21 | Learning from templates | Prof. Ching-Han Chung |
| 16 | 2023/12/28 | Final exam (presentation) | Prof. Ching-Han Chung |