

## Tamkang University Academic Year 113, 1st Semester Course Syllabus

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| Course Title   | EXPLORING SUSTAINABILITY   | Instructor | CHARLES<br>HSIANG-CHUAN  |
| Course Class   | TLTXB1B<br>DEPARTMENT OF TRANSPORTATION<br>MANAGEMENT, 1B                                  | Details    | CHANG<br>◆ General Course<br>◆ Required<br>◆ One Semester<br>◆ 1 Credits |
| Relevance to SDGs  | SDG4 Quality education<br>SDG11 Sustainable cities and communities<br>SDG13 Climate action |            |  |
| Departmental Aim of Education  |  |            |  |
| <p>I. Building an Knowledge Map for Exploring Sustainability.</p> <p>II. Guiding a Learning Process of Social Awareness, Social Participation, and Social Innovation.</p> <p>III. Learning the Methods of Exploring Sustainability Step by Step.</p> <p>IV. Become an Explorer of Sustainable Action.</p>  |  |            |  |
| Subject Schoolwide essential virtues   |  |            |  |
| <p>1. A global perspective. (ratio:20.00)</p> <p>2. Information literacy. (ratio:5.00)</p> <p>3. A vision for the future. (ratio:20.00)</p> <p>4. Moral integrity. (ratio:5.00)</p> <p>5. Independent thinking. (ratio:20.00)</p> <p>6. A cheerful attitude and healthy lifestyle. (ratio:5.00)</p> <p>7. A spirit of teamwork and dedication. (ratio:20.00)</p> <p>8. A sense of aesthetic appreciation. (ratio:5.00)</p> |  |            |  |

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| Course<br>Introduction | This course focuses on the discussion of sustainable issues. Through the case study of the SDGs and group discussions on sustainable issues in daily life, to cultivate the student's literacy of exploration and sustainability. |
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**The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.**

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

| No. | Teaching Objectives   | objective methods |
|-----|---|-------------------|
| 1   | Learn about the Sustainable Development Goals (SDGs)                | Cognitive         |
| 2   | Cultivate the student's literacy of exploration and sustainability. | Psychomotor       |

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

| No. | Core Competences | Essential Virtues | Teaching Methods  | Assessment   |
|-----|------------------|-------------------|---|--|
| 1   |                  | 12345678          | Lecture, Discussion, Publication, Practicum, Experience | Discussion(including classroom and online), Practicum, Activity Participation  |
| 2   |                  | 12345678          | Lecture, Discussion, Publication, Practicum, Experience | Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation |

**Course Schedule**

| Week | Date | Course Contents | Note |
|------|------|-----------------|------|
|      |      |                 |      |

|                      |                          |                               |      |
|----------------------|--------------------------|-------------------------------|------|
| 1                    | 113/09/09 ~<br>113/09/15 | 聯合國SDGs永續發展目標初探               |      |
| 2                    | 113/09/16 ~<br>113/09/22 | SDGs : 好生活目標(Good Life Goals) | 中秋放假 |
| 3                    | 113/09/23 ~<br>113/09/29 | 永續運輸                          |      |
| 4                    | 113/09/30 ~<br>113/10/06 | 減碳大作戰：沒有垃圾的居家生活               |      |
| 5                    | 113/10/07 ~<br>113/10/13 | 永續個人行動：從轉念到改變                 |      |
| 6                    | 113/10/14 ~<br>113/10/20 | 案例分享及團體報告                     |      |
| 7                    | 113/10/21 ~<br>113/10/27 | 案例分享及團體報告                     |      |
| 8                    | 113/10/28 ~<br>113/11/03 | 永續全球調適：沒有人是局外人                |      |
| 9                    | 113/11/04 ~<br>113/11/10 | 反思與測驗                         |      |
| 10                   | 113/11/11 ~<br>113/11/17 |                               |      |
| 11                   | 113/11/18 ~<br>113/11/24 |                               |      |
| 12                   | 113/11/25 ~<br>113/12/01 |                               |      |
| 13                   | 113/12/02 ~<br>113/12/08 |                               |      |
| 14                   | 113/12/09 ~<br>113/12/15 |                               |      |
| 15                   | 113/12/16 ~<br>113/12/22 |                               |      |
| 16                   | 113/12/23 ~<br>113/12/29 |                               |      |
| 17                   | 113/12/30 ~<br>114/01/05 |                               |      |
| 18                   | 114/01/06 ~<br>114/01/12 |                               |      |
| Key capabilities     |                          |                               |      |
| Interdisciplinary    |                          |                               |      |
| Distinctive teaching |                          |                               |      |
|                      |                          |                               |      |

|                                  |  |
|----------------------------------|--|
| Course Content                   | Sustainability issue   |
| Requirement                      |  |
| Textbooks and Teaching Materials | Using teaching materials from other writers:Textbooks<br>Name of teaching materials:<br>尚潔、楊翰選 (2021) · 沒有垃圾的公寓生活：小空間的零廢棄習作 · 一心文化 · 一般社團法人<br>Think the Earth · SDGs：我們想要的未來：17項永續發展目標 & 國際實踐範例 · 沈盈盈譯 · 幸福綠光。  |
| References                       |  |
| Grading Policy                   | ◆ Attendance： 30.0 %    ◆ Mark of Usual：30.0 %    ◆ Midterm Exam： %<br>◆ Final Exam： 40.0 %<br>◆ Other ( )： %  |
| Note                             | This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .<br><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b> |