

# 113-2 Full Curriculum of Da-Yeh University











| Information                       |   |                |                      |
|-----------------------------------|---|----------------|----------------------|
| Title                             | Introduction to University Studies (2)  | Serial No./ID  | 0150 / CDC5968       |
| Required/Credit                   | Optinal / 1   | Time/Place     | (Wed)56 / 依公告        |
| Language                          | Chinese/English   | Grade Type     | Number               |
| Lecturer /Full- or Part-time      | SHUN-HSING HUANG /Full-time   | Graduate Class | Non-graduating Class |
| School System /Dept /Class, Grade | Bachelor / Liberal Arts Center / Class 6, Grade 10                                |                |                      |
| Office Hour / Place               | (Mon) 12:00~13:20, (Tue) 12:00~13:20, (Wed) 12:00~13:20, (Thu) 12:00~13:20 / G206 |                |                      |
| Lecturer                          | n.a.  |                |                      |

| Introduction   |
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| <p>本課程以透過結合D無窮學院及綠色永續校園為主題之新鮮人專題(Freshman Project)競賽活動，回應本校德國師徒制之辦學精神，增進導師於學生之輔導；除可加強師生間交流與學生同儕間情感連繫之外，亦可強化各學系大一學生對於校系課程之認識，進而增進其對科系及學校之認同度。</p> <p>課程目標：一、D無窮學院自主與跨域學習介紹。二、透過課程以增進對聯合國永續目標(SDGs)的認識與實踐。三、透過小專題製作競賽培養學生團隊合作及主動學習能力。四、透過師徒導師之引導以培養學生設計思考能力。</p> |

| Outline |
|---------|
| 無       |

| Prerequisite |
|--------------|
| 無            |

## The Relationship Between Courses and Departmental Core Competencies and Basic Skills

-  Fundamental Ability
-  Professional Ability
-  Practical Ability
-  Teamwork Spirit
-  Active Learning
-  Creativity and Innovation
-  Global Vision
-  Professional Ethics
-  Leadership and Management
-  Confidence and Perseverance



## Teaching Plan

| Core Capability      | Weight(% ) 【A】 | Ability index(Performance Indicators)  | Teaching Methods   | Assessment and Weight   | Core Competency Learning Outcomes 【B】 | Final Exam Grades 【C=B*A】 |
|----------------------|----------------|--|--|---|---------------------------------------|---------------------------|
| Fundamental Ability  | 10             | Consists in equipping students with language skills, technical skills as well as information, social concern, affection, and other knowledge-related skills.   | Lecturing  | Quiz: 30%<br>Product Manufacturing: 30%<br>Professional Competition Performance: 40%        | Total: 100                            | 10                        |
| Professional Ability | 10             | Consists in equipping students with all the knowledge, abilities, and technical skills required for them to work in a professional way.  | Lecturing<br>Case Study  | Final Exam: 30%<br>Class Discussion: 30%<br>Product Manufacturing: 40%                      | Total: 100                            | 10                        |
| Practical Ability    | 10             | Consists in helping students develop practical skills through active participation in a variety of learning activities.  | Lecturing<br>Case Study  | Final Exam: 30%<br>Homework Assignment: 30%<br>Assessment on Teamwork: 40%                  | Total: 100                            | 10                        |
| Teamwork Spirit      | 10             | Consists in helping students display positive attitude in situations involving interpersonal communication, cultivating their ability to align themselves with others's opinions and needs, and to work together with others for the successful completion | Lecturing<br>Practical Operation (Experiment, Machine Operation Case Study | Final Exam: 30%<br>Course Participation: 40%<br>Achievement Presentation: 30%               | Total: 100                            | 10                        |
| Active Learning      | 10             | Consists in helping students actively partake in a variety of learning processes with the aim to achieve self-promotion and self-realization.  | Case Study<br>Lecturing<br>Group Work                                      | Midterm Exam: 30%<br>Record on Experiment: 40%<br>Professional Competition Performance: 30% | Total: 100                            | 10                        |

|                             |    |   |   |   |            |    |
|-----------------------------|----|---|---|---|------------|----|
| Creativity and Innovation   | 10 | Consists in fostering students’ creative and critical thinking skills together with their ability to identify and solve problems in an effective way.   | Lecturing<br>Practical<br>Operation<br>(Experiment,<br>Machine<br>Operation               | Midterm Exam: 30%<br>Product<br>Manufacturing: 30%<br>Assessment on Teamwork: 40%   | Total: 100 | 10 |
| Global Vision               | 5  | Consists in broadening students’ global perspectives, fostering their ability to understand both the changes of the global community and the development trends of globalization.                               | Lecturing<br>Case Study   | Final Exam: 30%<br>Oral Report: 40%<br>Professional Competition<br>Performance: 30% | Total: 100 | 5  |
| Professional Ethics         | 10 | Consists in helping students understand general marketplace-related ethical principles and regulations, and be able to use such knowledge in support of value judgment and decision-making.                     | Lecturing<br>Case Study<br>Practical<br>Operation<br>(Experiment,<br>Machine<br>Operation | Final Exam: 30%<br>Homework<br>Assignment: 30%<br>Product<br>Manufacturing: 40%     | Total: 100 | 10 |
| Leadership and Management   | 10 | Consists in not only helping students understand the significance of management and management-related laws, but also enabling them to become excellent leaders and managers through decision-making practices. | Lecturing<br>Case Study   | Final Exam: 30%<br>Product<br>Manufacturing: 40%<br>Assessment on Teamwork: 30%     | Total: 100 | 10 |
| Confidence and Perseverance | 5  | Consists in nurturing students’ ability to meet challenges with firm belief and resolution so as to fulfill their own respective ideals or duties.  | Lecturing<br>Case Study   | Final Exam: 30%<br>Assessment on Teamwork: 30%<br>Thoughts on Topics: 40%           | Total: 100 | 5  |

|                      |    |   |                         |   |            |    |
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| Humanistic Qualities | 10 | Consists in enriching students' cultural and social knowledge, helping them acquire the right values systems, and increasing their positive attitude towards society and others. It also involves the nurturing of other skills, especially in terms of i | Lecturing<br>Case Study | Final Exam: 30%<br>Professional Competition Performance: 30%<br>Achievement Presentation: 40% | Total: 100 | 10 |
|----------------------|----|---|-------------------------|---|------------|----|

### Grade Auditing

Final Exam: 21%  
 Product Manufacturing: 18%  
 Assessment on Teamwork: 12.5%  
 Professional Competition Performance: 11.5%  
 Achievement Presentation: 7%  
 Midterm Exam: 6%  
 Homework Assignment: 6%  
 Course Participation: 4%  
 Record on Experiment: 4%  
 Class Discussion: 3%  
 Quiz: 3%  
 Oral Report: 2%  
 Thoughts on Topics: 2%

Book Type (Respect intellectual property rights. Please use official textbooks and do not illegally photocopy others' works.)

| Book Type       | Book name | Author                               |
|-----------------|-----------|--------------------------------------|
| Reference Books | 藝術原理與應用   | Ocvirk . Stinson. Wigg. Bone. Cayton |

### Lesson Plan

| Weeks | Content  | Teaching Methods |
|-------|--|------------------|
| 1     | Flexible Teaching & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion | Lecturing        |
| 2     | Flexible Teaching  | Case Study       |

|    |  |  |
|----|--|--|
| 3  | Flexible Teaching                              | Case Study   |
| 4  | Flexible Teaching                              | Case Study   |
| 5  | Flexible Teaching                              | Lecturing  |
| 6  | Flexible Teaching                              | Case Study   |
| 7  | Flexible Teaching                              | Lecturing、 Case Study  |
| 8  | Flexible Teaching                              | Case Study   |
| 9  | Flexible Teaching                              | Case Study   |
| 10 | Flexible Teaching                              | Case Study   |
| 11 | Flexible Teaching                              | Case Study   |
| 12 | Flexible Teaching                              | Case Study   |
| 13 | Flexible Teaching                              | Case Study   |
| 14 | Flexible Teaching                              | Case Study   |
| 15 | Flexible Teaching                              | Case Study、 Practical Operation<br>(Experiment, Machine Operation、 Group<br>Work   |
| 16 | Flexible Teaching                              | Case Study、 Practical Operation<br>(Experiment, Machine Operation、 Group<br>Work   |
| 17 | Flexible Teaching & Flexible Teaching/Learning | Flexible Teaching - Independent Action、<br>Flexible Teaching - Communication and<br>Interaction、 Flexible Teaching - Social<br>Participation |
| 18 | Flexible Teaching & Flexible Teaching/Learning | Flexible Teaching - Independent Action、<br>Flexible Teaching - Communication and<br>Interaction、 Flexible Teaching - Social<br>Participation |