

103-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	基礎運輸工具設計(二)	Serial No. / ID	3338 / IDV2029
Dept.	工業設計學系	School System / Class	四技部2年1班
Lecturer	約翰蓋格	Full or Part-time	兼任
Required / Credit	Optinal / 2	Graduate Class	No
Time / Place	(五)34 / P304	Language	English

Introduction
<p>A. 教育目標</p> <ol style="list-style-type: none"> 1. 培養學生結合感性美學、經營管理及科技工程的工業設計創新思維 2. 解決人類（使用者）對產品（Tangible Product）與服務（Intangible product）等需求之設計專業問題。 <p>B. 教育核心能力</p> <ol style="list-style-type: none"> 1. 生活文化、感性的造形能力 2. 掌握科技工程的能力 3. 使用者導向的創新思維應用 4. 跨領域溝通與整合的能力 <p>C. 大葉大學工業設計學系課程特色：</p> <ol style="list-style-type: none"> 1. 培養正確的工業設計思維 2. 培養分析、歸納與創新設計能力 3. 提倡以人為本的設計理念 4. 培養完整設計、視覺化表達與溝通能力 5. 造形語意、造形創意與審美觀的養成 6. 培養學生融合理論與實際、手腦並用 7. 產學合作、學以致用

Outline
<p>Design und Business:Market observation, prediction methods, methods of canalized information</p> <p>Design und Business:Market observation, prediction methods, methods of canalized information</p> <p>Design tools:Project semantic chart, transformation into images of appearance in material, image board</p> <p>Design tools:Project semantic chart, transformation into images of appearance in material, image board</p> <p>Ergonomy/ construction/ physical vehicle dynamics:Basic layout and understanding, Platform, Package, Power train, Suspension types and others.</p> <p>Ergonomy/ construction/ physical vehicle dynamics:Basic layout and understanding, Platform, Package, Power train, Suspension types and others.</p> <p>Ergonomy/ construction/ physical vehicle dynamics:Basic layout and understanding, Platform, Package, Power train, Suspension types and others.</p>

Presentation techniques:2D / 3D sketching and renderings, presentation by boards.

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Modeling technique:Basics in Clay modeling, automotive construction measuring systems, model underconstruction, section and main templates

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Final presentation

Very Final presentation

Prerequisite

Students are required to understand technical “packages” and have a brief Introduction on the basic procedure of transportation design.