

**朝陽科技大學 097學年度第2學期教學大綱**  
**Man-Machine Interface 人機介面**

<b>當期課號</b>	7161	<b>Course Number</b>	7161
<b>授課教師</b>	吳欣潔	<b>Instructor</b>	WU,HSIN CHIEH
<b>中文課名</b>	人機介面	<b>Course Name</b>	Man-Machine Interface
<b>開課單位</b>	工業工程與管理系碩士班二A	<b>Department</b>	
<b>修習別</b>	選修	<b>Required/Elective</b>	Elective
<b>學分數</b>	3	<b>Credits</b>	3
<b>課程目標</b>	本課程之目的是使學生了解人機介面設計之重要原則，並利用人因工程之專業技術來協助人機介面之設計、開發、測試與評估。	<b>Objectives</b>	The purposes of this course are to make students understand important principles for designing man-machine interface and to let them use ergonomics technology to assist in design, development, testing, and evaluation of man-machine interface.
<b>教材</b>	Neville Stanton,1998, Human Factors in Consumer Products, Taylor & Francis.	<b>Teaching Materials</b>	Neville Stanton,1998, Human Factors in Consumer Products, Taylor & Francis.
<b>成績評量方式</b>	課本報告30%,考試35%,期末專題製作35%.	<b>Grading</b>	Textbook report 30%, test 35%, project 35%
<b>教師網頁</b>	<a href="http://www.cyut.edu.tw/~hchwul">http://www.cyut.edu.tw/~hchwul</a>		
<b>教學內容</b>	課程主題包含: 人機介面設計之重要原則、利用人因工程之專業技術來協助人機介面之設計與開發、利用人因工程之專業技術來協助產品的人機介面與軟體之測試與評估。	<b>Syllabus</b>	The topics of this course include: introduction, man-machine interaction model, the important principles for designing man-machine interface, using ergonomics technology to assist in design and development of man-machine interface, to use ergonomics technology to assist in testing and evaluation of product's man-machine interface and software.

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