B. School of Information and Design

Course Title	Credits	Hours
B1 Introduction to Interaction Design	3	39
B2 Information Technology with Practice	3	39
C Global Cultural Exchange Summer Camp	5 days	30+

課程名稱 Course Title	學分數 Credit	授課時數 (小時) Lecture Hours
B1 互動設計導論 **Introduction to Interaction Design**	**3**	**39**

1. Lecturer：王俊嘉 副教授 (Dr. WANG, Chun-Chia)、林家樑 助理教授(Dr. LIN, CHIA-LIANG)

2. Course Description:

This course introduces the Arduino microcontroller through hands-on work in the lab creating simple machines with embodied behaviors. The Arduino bridges resource for physical projects for students in all disciplines. This course brings students over the beginner's threshold to a basic understanding of the use, terminology, and potential of the Arduino. The first portion will bring essential knowledge for creating a simple LED control system and a sensor-driven reacting system, and the second portion will combine those skills and make a simple interactive project.

課程名稱 Course Title	學分數 Credit	授課時數 (小時) Lecture Hours
B2 資訊科技與實作 **Information Technology with Practice**	**3**	**39**

1. Lecturer：賴信志 副教授(Dr. LAI, Hsin-Chih) 、蕭鉢 副教授(Dr.Hsiao, BO)

2. Course Description:

This course helps students understand technical concepts underlying current and future development in information technology. There will be a special emphasis on ecological and environmental fields in practices. As result, this course is divided into three parts, and the first two parts are organized by two instructors who are specialized in that specific topic(s). The first part is to introduce the concept of comprehensive technology management, and to conduct some climate change or environment issues. The second part is to use handy and current IT tools to collect environment-related data, generating maps, and inform potential impacts. The last part is to arrange a local tour for better understanding to the practice of Information Technology.