

# **2+i Industry-Academia Collaboration Program of Civil Engineering, Cheng Shiu University**

## **Introduction**

Cheng Shiu University is located at Kaohsiung city, the biggest city in southern of Taiwan. Our campus is next to Chengcing Lake Scenic Area and there is good public transport. Our school was set out as “Cheng-Shiu Junior College of technology” in 1965. The department of Civil Engineering and Geomatics is named Dept. of Civil Engineering. We had cultivated many engineers to service our country and society. It is a good place for study to become an excellent engineer.

Cheng Shiu University (CSU) is the best University for 2019 Spring 2+i program student recruitment in educational collaboration with Indonesia. This “2+i Civil Engineering Program” aims to train those Indonesian students with Diploma 3 (Associate Degree Level 3) to learn more theoretical and practical knowledge and to achieve core competencies on civil engineering through both on-campus coursework and off-campus internship. It is designed as a 3-year program, including the first three semesters for coursework and the rest for off-campus internship.

Based on the Civil Engineering Curriculum Framework certified by the IEET (Institute of Engineering Education Taiwan), this program’s course planning is in line with international engineering education standards to involve in the industrial development and trend, offering specialized training in civil engineering and spatial information and preparing students to be competent for their future career or to pursue a higher graduate study. To full-fill the degree requirements, students must complete a minimum of 72 course credits and will be conferred a Bachelor’s Degree upon completion of the study. In general, this program is expected to promote the collaborative relationship in vocational education and industrial development between Indonesia and Taiwan, and has invited three enterprises to work in close partnership to support practical teaching and develop the internship course. Among these three cooperative enterprises, the internship offered by Bai Sheng Construction Co., Ltd. is mainly on construction engineering, while Changsheng Engineering Co., Ltd. on waterproofing engineering related practical training, and Taiye Enterprise Co.,

Ltd. on construction materials production, management and R & D Technology, respectively. We will offer a full scholarship to those students who enroll in this program. The scholarship details include the first-year tuition & miscellaneous fee exemption, a monthly stipend of NTD 5,000 for living expense in the first five months and free on-campus accommodation until the off-campus internship commences.

## 正修科技大學「印尼二技(2+i)產學合作國際專班」 土木與空間資訊系土木工程專班簡介

正修科技大學位於南臺灣第一大城高雄市區內，校區緊鄰澄清湖風景區，交通便利，學校設於1965年。土木與空間資訊系在創校之初稱為土木工程科，已孕育無數的土木工程師並投入服務國家及社會行列，是培育優秀土木工程師的最佳場所。

正修科技大學是2019年與印尼合作2+i 專班招生最佳的學校!本系今年亦獲得教育部核定開設專班，本專班旨在訓練印尼已獲得三專學歷之同學於土木工程領域，學習更多理論與實務經驗，並藉由產學合作及校外實習機會，體驗職場工作環境與相關實作技術，於增進實務經驗的同時亦能跟上產業脈動，而在獲得學士學位時，即可勝任職場挑戰，或具備攻讀研究所之能力，裨益於印尼與臺灣之技職教育或營建產業技術之提升。

土木與空間資訊系榮獲中華工程教育學會(IEET)認證，專班課程規劃符合國際工程教育標準，以達成8項核心能力為具體指標。本專班之修業年限三年(第三年為校外實習)，屬於二年制學士班，根據課程規劃本專班之畢業學分數至少為72學分。課程內容結合產業趨勢與合作公司發展需求，規劃之專業實務課程符合專班產業屬性，培育學生具備營建工程實務技能，能使學生了解營建產業發展趨勢及擴展相關知識。本計畫三家合作企業，百佑營造有限公司主要提供營建工程相關之實習機會，久勝工程有限公司則是提供防水工程相關之實務培訓，太爺企業股份有限公司則是提供營建材料生產、管理及技術研發之實習機會，三家合作企業同時將協助擔任業界專家協同教學之責。本校提供第1年學雜費全免，第一學期前5個月每月新台幣5000元獎助學金之生活津貼，及入學後至第2年上學期正式校外實習前之宿舍免費住宿之優惠。