長庚科技大學　　111學年度第二學期系級課程委員會通過112.05.10

四技保健營養系日間部課程科目表（110學年度入學學生適用）(新)

| 類別 | 學群 | 中文科目名稱 | 英文科目名稱 | 科目代號 | 學分 | 時數 | 第一學年 第一學期 學分 | 第一學年 第一學期 時數 | 第一學年 第二學期 學分 | 第一學年 第二學期 時數 | 第二學年 第一學期 學分 | 第二學年 第一學期 時數 | 第二學年 第二學期 學分 | 第二學年 第二學期 時數 | 第三學年 第一學期 學分 | 第三學年 第一學期 時數 | 第三學年 第二學期 學分 | 第三學年 第二學期 時數 | 第四學年 第一學期 學分 | 第四學年 第一學期 時數 | 第四學年 第二學期 學分 | 第四學年 第二學期 時數 | 備註 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 共同必修 | 校級必修 | 閱讀與寫作(1) | Reading and Writing (I) | X00077 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 閱讀與寫作(2) | Reading and Writing (II) | X00078 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 英文(1) | English(I) | X00059 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 英文(2) | English(II) | X00060 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 心理學 | Psychology | X00011 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 資訊科技與軟體實務 | Information technology and software application | X00075 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 社會學 | Sociology | X00013 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 全民國防教育軍事訓練(1) | All-out Defense Education Military Training(I) | X00062 | 0 | 2 | 0 | 2 | | | | | | | | | | | | | | | |
| | | 全民國防教育軍事訓練(5) | All-out Defense Education Military Training(V) | X00066 | 0 | 2 | 0 | 2 | | | | | | | | | | | | | | | |
| | | 全民國防教育軍事訓練(2) | All-out Defense Education Military Training(II) | X00063 | 0 | 2 | | | 0 | 2 | | | | | | | | | | | | | |
| | | 全民國防教育軍事訓練(6) | All-out Defense Education Military Training(VI) | X00067 | 0 | 2 | | | 0 | 2 | | | | | | | | | | | | | |
| | | 體育(1) | Physical Education(I) | X00CL3 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 體育(2) | Physical Education(II) | X00CM3 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 勞作教育 | Physical Labor | X10002 | 0 | 1 | 0/1 | | | | | | | | | | | | | | | | |
| | | 共同必修小計 | | | 18 | 23 | | | | | | | | | | | | | | | | | |
| 專業必修 | 核心課程 | 民生產業與服務學習 | Industry of Human Ecology and service learning | XK0055 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 化學暨實驗 | Chemistry and Experiment | XK0051 | 2 | 3 | 2 | 3 | | | | | | | | | | | | | | | |
| | | 生物學暨實驗 | Biology Experiment | XK0052 | 2 | 3 | 2 | 3 | | | | | | | | | | | | | | | |
| | | 食物學原理暨實驗 | Principles of Food Science | XK0040 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | |
| | | 餐點設計與實驗 | Design and Experiment of Meals | XK0025 | 2 | 3 | | | 2 | 3 | | | | | | | | | | | | | |
| | | 營養學(1) | Nutrition(I) | XK0048 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | | 營養學(2) | Nutrition(II) | XK0049 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 營養學(3) | Nutrition(III) | XK0050 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | |
| | | 營養學實驗(1) | Experiment of Nutrition(I) | XK0018 | 1 | 2 | 1 | 2 | | | | | | | | | | | | | | | |
| | | 營養學實驗(2) | Experiment of Nutrition(II) | XK0019 | 1 | 2 | | | 1 | 2 | | | | | | | | | | | | | |
| | | 團體膳食管理 | Meal Planning and Food Service Management | XK0021 | 2 | 2 | | | | | 2/2 | | | | | | | | | | | | 團體膳食管理與團體膳食管理實驗依班別採對開方式安排 |
| | | 團體膳食管理實驗 | Meal Planning and Food Service Management (experiment) | XK0022 | 2 | 3 | | | | | 2/3 | | | | | | | | | | | | |
| | | 食品化學 | Food Chemistry | XK0030 | 2 | 2 | | | | | 2/2 | | | | | | | | | | | | 食品化學依班別採對開方式安排 |
| | | 生物統計學 | Biological Statistics | XK0056 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 公共衛生營養學 | Public Health Nutrition | XK0023 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 食品衛生與安全 | Food Sanitation and Safety | XK0013 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 膳食療養學(1) | Therapeutic Nutrition(I) | XK0053 | 4 | 4 | | | | | | | | | 4 | 4 | | | | | | | |
| | | 膳食療養學(2) | Therapeutic Nutrition(II) | XK0054 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 膳食療養學實驗(1) | Experiment of diet Therapy(I) | XK0028 | 1 | 2 | | | | | | | | | 1 | 2 | | | | | | | |
| | | 膳食療養學實驗(2) | Experiment of diet Therapy(II) | XK0029 | 1 | 2 | | | | | | | | | | | 1 | 2 | | | | | |
| | | 營養實習-基礎實習 | Practicum in nutrition-basic nutrition | XK0B01 | 1 | 4 | | | | | | | | | | | 1 | 4 | | | | | |
| | | 專題討論(1) | Seminar(I) | XK0033 | 1 | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| | | 營養生理暨生化學(1) | Nutritional Physiology and Biochemistry(I) | XK0045 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 營養生理暨生化學(2) | Nutritional Physiology and Biochemistry(II) | XK0046 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | 基礎醫學課程 | 生理學暨實驗 | Physiology and Laboratory | XK0047 | 3 | 4 | | | | | 3 | 4 | | | | | | | | | | | |
| | | 生物化學(1) | Biochemistry(I) | XK0006 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | |
| | | 生物化學(2) | Biochemistry(II) | XK0007 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 生物化學實驗(1) | Biochemistry Laboratory(I) | XK0008 | 1 | 2 | | | | | 1 | 2 | | | | | | | | | | | |
| | | 生物化學實驗(2) | Biochemistry Laboratory(II) | XK0009 | 1 | 2 | | | | | | | 1 | 2 | | | | | | | | | |
| | | 專業必修小計 | | | 54 | 68 | | | | | | | | | | | | | | | | | |
| | | 必修總計 | | | 72 | 91 | | | | | | | | | | | | | | | | | |
| 專業選修 | 保健食品科技模組 | 食品分析實驗 | Food Analysis Experiment | XKA049 | 2 | 2 | | | | | 2/2 | | | | | | | | | | | | 食品分析實驗依班別採對開方式安排 |
| | | 食品微生物學暨實驗 | Food Microbiology and Experiment | XKA024 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 食品加工學暨實驗 | Food Processing and Experiment | XKA026 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 保健食品開發 | Development of Functional Food | XKA019 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | | 食品分析 | Food Analysis | XKA057 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | 選修 | 職場成功核心職能 | Core competencies for career success | XKA056 | 3 | 3 | | | | | 3/3 | （開放一至四年級下學期共同選課） | | | | | | | | | | | 勞動部 |
| | | 營養創客 | Food and nutrition entrepreneurship | XKA077 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | 創新創業學程 |
| | | 領導力與創業力 | Leadership and entrepreneurship | XKA076 | 2 | 2 | | | | | | | | | 2/2 | | | | | | | | 創新創業學程 |
| | | 電商與微型創業 | Entrepreneurial E-Commerce | XKA068 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | 創新創業學程 |
| | | 食品餐飲英文 | Food & Catering English | X1G006 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | EMI全英文授課 |
| | | 消費者行為與科技應用 | Consumer behavior and technology implications | XKA065 | 2 | 2 | | | | | | | 2/2 | （開放二至四年級上學期共同選課） | | | | | | | | | |
| | | 創新創業企劃與實作 | Innovation and Entrepreneurship : practice and project management | XKA066 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | 創新創業學程 |
| | | 高齡友善服務人才培育(1) | Elderly friendly service personnel training (I) | XKA054 | 2 | 2 | | | | | | | 2/2 | （開放二至四年級上學期共同選課） | | | | | | | | | |
| | | 高齡友善服務人才培育(2) | Elderly friendly service personnel training (II) | XKA055 | 2 | 2 | | | | | | | 2/2 | （開放二至四年級下學期共同選課） | | | | | | | | | |
| | | 膳食質地分級與照護特論 | Special topics in dietary texture grading and care | XKA064 | 2 | 2 | | | | | | | | | 2/2 | （開放三至四年級上學期共同選課） | | | | | | | |
| | | 飲食質地分類製備實務 | Food texture classification preparation practice | XKA067 | 2 | 2 | | | | | | | | | 2/2 | （開放三至四年級下學期共同選課） | | | | | | | |
| | | 解剖學暨實驗 | Anatomy and Experiment | XKA058 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 有機化學 | Organic Chemistry | XKA052 | 2 | 2 | | | 2 | 2 | | | | | | | | | | | | | |
| | | 健康促進 | Health Promotion | XKA029 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | |
| | | 營養與老化 | Nutrition and Aging | XKA002 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | |
| | | 電子商務與物流管理 | Cultural Creativity and Industrial Marketing | XKA008 | 2 | 2 | | | | | 2 | 2 | | | | | | | | | | | |
| | | 餐飲經營學 | Nutrition corp. Management | XKA001 | 2 | 2 | | | | | 2/2 | | | | | | | | | | | | |
| | | 生命期營養學 | Life Span Nutrition | XKA060 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 營養與生物科技概論 | Nutrition and Biotechnology | XKA045 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 從農場到餐桌 | From the farm to the table | XKA059 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 人資與財務管理 | Finance and Human Resource Management | XKA012 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 微生物與免疫 | Microbiology & Immunology | XKA050 | 2 | 2 | | | | | | | 2 | 2 | | | | | | | | | |
| | | 食品調理學與實驗 | Food Production Research and Practice | XKA014 | 2 | 3 | | | | | | | | | 2 | 3 | | | | | | | |
| | | 營養文獻導讀 | Introduction to Literature Study in Nutrition | XKA009 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | ~~幼能醫學營養~~ | ~~Functional Medicine and Nutrition Therapy~~ | ~~XKA053~~ | ~~2~~ | ~~2~~ | | | | | | | | | ~~2~~ | ~~2~~ | | | | | | | |
| | | 婦幼及成人保健 | Maternal-children and adult health | XKA010 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 食品行銷管理 | Food Marketing Management | XKA020 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 營養科學研究法 | Research Methodology in Nutritional Science | XKA046 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 應用病理學 | Applied Pathology | XKA015 | 2 | 2 | | | | | | | | | 2 | 2 | | | | | | | |
| | | 應用藥理學 | Applied Pharmacology | XKA036 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 臨床營養學 | Clinical Nutrition | XKA017 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 營養諮詢與教育 | Nutrition counseling and education | XKA011 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | |
| | | 飲食行為改變與溝通 | Dietary Behaviour Change & Communication | XKA042 | 2 | 2 | | | | | | | | | | | 2 | 2 | | | | | 創新創業學程 |
| | | 餐飲技術實務 | Food technology practice | XKA047 | 2 | 3 | | | | | | | | | | | 2 | 3 | | | | | |
| | | 體適能計畫與體重管理 | Physical Fitness Programs and Weight Management | XKA007 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | | 中醫養生概論 | Traditional Chinese Life Nurturing | XKA018 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | | ~~健康產業職涯開發~~ | ~~Healthcare Career Fundamentals~~ | ~~XKA034~~ | ~~2~~ | ~~2~~ | | | | | | | | | | | | | ~~2~~ | ~~2~~ | | | ~~全英語授課~~ |
| | | 食品法規概論 | Introduction to Food Laws | X1C012 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | | 專題討論(2) | Seminar(II) | XKA061 | 1 | 1 | | | | | | | | | | | | | 1 | 1 | | | |
| | | 專題研究(1) | Special Topics (I) | XKA028 | 2 | 2 | | | | | | | | | | | | | 2 | 2 | | | |
| | | 專題研究(2) | Special Topics (II) | XKA030 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | 營養講座 | Nutrition seminar | XKA022 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | 運動營養學 | Sport Nutrition | XKA023 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | 自由基與疾病 | Free Radical and Medicine | XKA025 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | 藥膳與食療 | medicinal foods | XKA027 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | 分子生物學 | Molecular biology | XKA044 | 2 | 2 | | | | | | | | | | | | | | | 2 | 2 | |
| | | ~~營養科學討論~~ | ~~Special Topic in Nutrition Science~~ | | ~~2~~ | ~~2~~ | | | | | | | | | | | | | | | ~~2~~ | ~~2~~ | ~~新增課程，109.11系課委會通過~~ |
| | | 高齡照護營養學 | Nutrition for Long Term Care Resident | XKA038 | 2 | 2 | | | | | | | | | | | | | 2/2 | | | | |
| | 實務實習 | 營養實習-社區營養 | Practicum in Nutrition-Community Ntrition | XKAB01 | 1 | 4 | | | | | | | | | | | | | 1/4 | | | | |
| | | 營養實習-團膳營養 | Practicum in Nutrition-Diet Management | XKAB02 | 2 | 8 | | | | | | | | | | | | | 2/8 | | | | |
| | | 營養實習-臨床營養 | Practicum in Nutrition- Clinical Nutrition | XKAB03 | 3 | 12 | | | | | | | | | | | | | | | 3 | 12 | |
| | | 專業選修總計 | | | 38 | 38 | | | | | | | | | | | | | | | | | |
| 通識選修 | 社會人文學群 | 共18學分，科目詳見通識教育中心網頁。 | | | | | | | | | | | | | | | | | | | | | |
| | 中外語文學群 | | | | | | | | | | | | | | | | | | | | | | |
| | 自然科學學群 | | | | | | | | | | | | | | | | | | | | | | |
| 校級自由選修 | 校級跨域微課程 | 跨域微課程應修2學分 | | | | | | | | | | | | | | | | | | | | | 領袖魅力課程，詳見教務處網頁。 |
| | 系級跨域微課程 | | | | | | | | | | | | | | | | | | | | | | 系級跨域微課程，詳見教務處網頁，學生不得修讀本系開設之跨域微課程，除護理系「護理能力實務檢定」課程。 |
| 通識選修小計 | | | | | 18 | 18 | | | | | | | | | | | | | | | | | |
| 選修總計 | | | | | 56 | 56 | | | | | | | | | | | | | | | | | |
| 畢業學分/時數總計 | | | | | 128 | 147 | | | | | | | | | | | | | | | | | |

畢業條件：須符合下列各項條件始得畢業。

1.應修學分：

(1)最低畢業學分128學分 ，包含共同18學分、專業必修54學分、專業選修至少38學分、通識選修至少18學分。

(2)學生應修跨域微課程2學分，或完成一個跨域學程(含微學程)，本微課程學分採計為校級自由選修學分。

(3)學生得修習校級自由選修課程至多可採計20學分。(本校級自由選修課程學分可選擇抵免專業選修學分或通識選修學分)　。

2.畢業標準：

(1)修習實習課程(基礎實習)及格。

(2)修習融滲服務學習課程。

(3)至少參與一次系認定之競賽。

(4)至少取得一張系認定之證照。

(5)至少參與一次系認定之專題製作。

(6)至少應達英文能力畢業門檻，相關規定請參照本校學生英文能力畢業門檻及輔導辦法。