中國文化大學 工學院 機械工程學系 必修科目表

Required Course Table of Department of Mechanical Engineering, Engineering College, Chinese Culture University

111- 學年度入學新生實施

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| | | 規定 | 一年級 | | 二年級 | | 三年級 | | 四年級 | | |
| 必修 類別 | | //L/C | 1st grade | | 2nd grade | | 3rd grade | | 4th grade | | 備註 |
| 類別 | Required Course(Code) | 學分 | 上 | 下 | 上 | 下 | 上 | 下 | 上 | 下 | D 1 |
| | | Units | First | second | First | second | First | second | First | second | Remark |
| | 國文 | 4 | 2 | 2 | | | | | | | |
| | Chinese | - | _ | _ | | | | | | | \ \(\delta \) \rightarrow \(\delta \) \rightarrow \(\delta \) \(\d |
| | 外文類 | 4 | 2 | 2 | | | | | | | 六種語言選一種 Choose one of six |
| | Foreign Language | 7 | _ | _ | | | | | | | languages |
| | 水平 類 | | | | | | | | | | (同正課) |
| 通 | 外語實習 Foreign Language Internship | 2 | 1 | 1 | | | | | | | (same as foreign |
| 識 | | | | | | | | | | | language) |
| 科 | 跨域專長 | 12 | | | 6 | 6 | | | | | |
| 且 | Cross-Disciplinary Specialty 人文學科領域 | 4 | | | | | | | | | |
| | 人文字杆領域 Humanities Field | 4 | | 2 | 4 | 2 | | | | | |
| | 社會科學領域 | 4 | | | | | | | | | |
| | Social Sciences Field | | 2 | | | | | | | | |
| | 自然科學與數學領域 | 2 | | | | | | | | | |
| | Natural Sciences and Mathematics | | | | | | | | | | |
| | Fields 體育 | | | | | | | | | | |
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| 同 | 全民國防教育軍事訓練-(1) | | | | | | | | | | 106 與左应加西 |
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| | 2027 普通物理實驗 | 2 | 2 1 | 1 | | | | | | | |
| | General Physics LAB. | _ | | • | | | | | | | |
| | 6022 應用力學 | 4 | 4 2 | 2 | | | | | | | |
| | Applied Mechanics 6030 機械製造 | | | | | | | | | | |
| 專業 | Manufacturing Processes | 3 3 | | | | | | | | | |
| | 6043 工廠實習 | _ | 1 1 | | | | | | | | |
| | Machine Shop Practice | 1 | | | | | | | | | |
| 科 | 6003 工程數學 | _ | | | 2 | 2 | | | | | |
| 目 | Engineering Mathematics | 6 | | | 3 | 3 | | | | | |
| | 7173 電輔工程圖學 | 4 | | | 2 | 2 | | | | | |
| | Computer Aided Engineering Graphics | | | | | _ | | | | | |
| | 6026 熱力學 Thermodynamics | 3 | | | 3 | | | | | | |
| | 6029 材料力學 | 3 | | | 3 | | | | | | |
| | Mechanics of Materials | J | | | J | | | | | | |
| | 6002 電路學 | 2 | | | 2 | | | | | | |
| | Electrical Circuit Theory | _ | | | | | | | | | |
| | 2126 應用電子學 | 2 | | | | 2 | | | | | |
| | Applied Electronics | | | | | | | | | | |

| 6023 機動學 | 3 | | | | 3 | | | | | | |
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| Engineering Materials for Mechanical | 3 | | | | 3 | | | | | | |
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| E523 電工實驗 | 1 | | | | 1 | | | | | | |
| Electrical Engineering Laboratory | • | | | | • | | | | | | |
| 6031 機械設計原理 | 4 | | | | | 2 | 2 | | | | |
| Elements of Machine Design | 4 | | | | | | 4 | | | | |
| 6058 電機機械 | • | | | | |) | | | | | |
| Electrical Machinery | 2 | | | | | 2 | | | | | |
| 6118 自動控制 | _ | | | | | • | | | | | |
| Automatic Control Theory | 3 | | | | | 3 | | | | | |
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| D986 機械材料實驗 | | | | | | | | | | | |
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| | 100 學年度起入學之大學部學生,必須參與「服務學習」,始得畢業。 | | | | | | | | | | |
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| | 相關規定請參考網址: | | | | | | | | | | |
| Camaiaa I aamaina | | | | | | | | | | | |
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| | https://s | servicel | learning | g.pccu.e | du.tw/ | | | _ | | | |
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| | 華文化專題」學習活動,不計學分,並列入畢業門檻。 | | | | | | | | | | |
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| | https://cur.pccu.edu.tw/var/file/41/1041/img/166/HL28.pdf https://cur.pccu.edu.tw/var/file/41/1041/img/166/HL30.pdf | | | | | | | | | | |
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| | Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作I Research Project and Implementation (I) C697 專題研究與實作II Research Project and Implementation (II) 專業必修學分合計 Credits of Professional Required e 必修學分總計 al Credits of Required Course 最低畢業學分數 Aimum Credits for Graduation 2修業規定: er study requirements: 服務學習 Service Learning 呈倫理、中華文化專題 eering Ethics、Professional Ethics | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineering Materials for Mechanical Engineering Laboratory 6031 機械設計原理 4 Elements of Machine Design 6058 電機機械 2 Electrical Machinery 6118 自動控制 Automatic Control Theory 6025 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作I Research Project and Implementation (I) C697 專題研究與實作I Research Project and Implementation (II) 專業必修學分合計 Credits of Professional Required engineers al Credits of Required Course 最低畢業學分數 Aimum Credits for Graduation 2 C修業規定: Er study requirements: IN務學習 Service Learning 100 學 After ac Learning Hill Research Project and Implementation (I) 2 C修業規定: Er study requirements: IN務學習 Service Learning 100 學 After ac Learning Hill Research Project After After ac Learning Hill Research Project After ac Learning Hill Research Project After After ac Learning Hill Research Project After | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineers E523 電工實驗 Electrical Engineering Laboratory 6031 機械設計原理 Elements of Machine Design 6058 電機機械 Electrical Machinery 6118 自動控制 Automatic Control Theory 6025 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for 1 Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作I Research Project and Implementation (I) C697 專題研究與實作II Research Project and Implementation (II) 專業必修學分合計 Credits of Professional Required e 必修學分總計 al Credits of Required Course 最低畢業學分數 himum Credits for Graduation 26 業規定: er study requirements: I D00 學年度起 After admitted Learning "bef all 別定請參 相關規定請參 相關規定請參 相關規定請參 目 100 型0 26 禁規定: er study requirements: E 会 是 是 是 是 是 是 是 是 是 是 是 是 是 是 是 是 是 是 | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineers E523 電工實驗 Electrical Engineering Laboratory 6031 機械設計原理 Elements of Machine Design 6058 電機機械 Electrical Machinery 6118 自動控制 Automatic Control Theory 6025 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作 I Research Project and Implementation (I) 事業必修學分合計 Credits of Professional Required e 必修學分總計 al Credits of Required Course 最低畢業學分數 timum Credits for Graduation 26 業規定: Pr study requirements: R務學習 Service Learning Elements · Professional Ethics Er study requirements Er study requirements Elements · Professional Ethics Electrical Machinery 4 4 4 4 4 4 4 4 4 4 4 4 4 | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineers E523 電工實驗 Electrical Engineering Laboratory 6031 機械設計原理 Elements of Machine Design 6058 電機機械 Electrical Machinery 6118 自動控制 Automatic Control Theory 6025 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for Mechanical Engineers 6033 熱傳學 Hear Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作I Research Project and Implementation (I) 事業必修學分合計 Credits of Professional Required e e 必修學分總計 al Credits of Required Course 最低畢業學分數 aimum Credits for Graduation 2修業規定: er study requirements: IR務學習 Service Learning IOO 學年度起入學之大學部 After admitted from 100 acad Learning " before graduation 相關規定請參考網址: Please refer to the website for https://cur.pecu.edu.tw/var/fil https://servicelearning.pecu.e IO3 學年度起入學之大學部 本人中華文化專題」學習活動,和 After admitted from 103 acad participate in courses of " En not count for credits and will https://cur.pecu.edu.tw/var/fil https://cur.pecu.ed | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineers E523 電工實驗 Electrical Engineering Laboratory 6031 機械設計原理 Elements of Machine Design 6058 電機機械 Electrical Machine Design 6018 自動控制 Automatic Control Theory 6025 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for 1 Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作I Research Project and Implementation (I) 中業必修學分合計 Credits of Professional Required e 必修學分總計 al Credits of Required Course 最低畢業學分數 nimum Credits for Graduation 2 | Kinematics 6158 機械材料 Engineering Materials for Mechanical Engineering Engineers E523 電工實驗 Electrical Engineering Laboratory 6031 機械設計原理 Elements of Machine Design 6058 電機機械 Electrical Machinery 6118 自動控制 Automatic Control Theory 6018 自動控制 Automatic Control Theory 6018 自動控制 Automatic Engineers 6055 流體力學 Fluid Mechanics D986 機械材料實驗 Materials Teseing Laberatory for 1 1 1 Mechanical Engineers 6033 熱傳學 Heat Transfer 8800 熱流實驗 Thermal and Fluid Experiments C696 專題研究與實作 I Research Project and Implementation (II) 專業必修學分合計 Credits of Professional Required et al. 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| | 102 學年度起入學之大學部學生,須參與全人學習護照各項學習活動且達到認證標 |
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| | 準 ,始得畢業。 |
| | 學習活動類別分:德、智、體、群、美共五項簽證,每一項學習簽證活動認證標準 |
| 全人學習護照 Holistic Education Passport | 至少須達 18 點,方取得該項學習簽證認證。 |
| | After admitted from 102 academic year, undergraduate should choose to participate in |
| | activities of "HOLISTIC EDUCATION PASSPORT" and meet the certification |
| | standard before graduation. To meet the certification standard, each category must |
| | collect at least 18 points. |
| | https://pass.pccu.edu.tw/p/412-1307-85.php?Lang=zh-tw |
| | 本校日間學制學士班學生達到以下所列全球競爭力「語文溝通」或「國際交流」 |
| | 檢定標準之一者,始得畢業,但各院、系訂有較高畢業英文標準者,從其規定。 |
| | 詳細資訊請參考網址: |
| | The undergraduate should meet one of Global Competitiveness Certification of |
| 全球競爭力檢定認證 | "language communication" or "international communication" before graduation. If the |
| Global Competitiveness Certification | college and department have higher English standards for graduation, the regulations |
| The state of the s | should be followed. For details, please refer to the website: |
| | https://reg.pccu.edu.tw/var/file/40/1040/img/54/earth-u-109.pdf |
| | https://reg.pccu.edu.tw/var/file/40/1040/img/217/GE103.pdf |
| | https://reg.pccu.edu.tw/var/file/40/1040/img/217/GL08.pdf |

本案業經:

- 1. (106.03.20) 105 學年度第 4 次系課程委員會議通過
- 2. (106.04.19) 105 學年度第5次系務會議通過

| 系主任: | | | (簽章) | 院長: | (簽章) | | | |
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