

國立彰化師範大學技術及職業教育研究所畢業條件暨課程架構表
115學年度入學學生適用
 畢業學分數35學分（不含論文指導6學分）

學年		第一學年		第二學年	
修別			學分 學時		學分 學時
所 必 修	上 學 期	書報討論（一） Seminar I	1 2	論文指導（一） Thesis Supervision I	3 0
		研究法（一） Research Method I	3 3	論文 Thesis	0 0
	下 學 期	技職教育理論與實務 Theory and Practice Technical and Vocational Education	3 3		
		書報討論（二） Seminar II	1 2	論文指導（二） Thesis Supervision II	3 0
		研究法（二） Research Method II	3 3	論文 Thesis	0 0
		高等統計學 Advanced Statistics in Psychology & Guidance	3 3		
專 業 核 心 課 程	至 少 選 修 四 門	技職教育教學評量 Instructional Evaluation of Vocational Education	3 3	技職教育教學策略 Teaching Strategies of Vocational and Technical Education	3 3
		教學系統設計 Designing Instructional Systems	3 3	技職教育課程評鑑 Technical and Vocational Education Curriculum Evaluation	3 3
		技職教育課程發展 Vocational Education Curriculum Development	3 3	組織理論與管理專題研究 Seminar in Organization Theory and Management	3 3
		技職教育行政專題研究 Special Topics on Vocational Education Administration	3 3	人力資源發展 Human Resource Development	3 3
	下 學 期	數位學習理論與實務 Introduction to Theories and Practice on e-Learning	3 3	技職教育政策分析與應用 Analysis & Application of Technical and Vocational Education Policies	3 3
		企業訓練理論與實務 Corporate Training Theory and Practice	3 3	技職教育方案評鑑 Program Evaluation for Tech-Voc Education	3 3
		技職教育創造思考專題研究 Case Study on Creative Thinking for Vocational Education	3 3	多元智慧課程與教學專題研究 Case Study on Multiple Intelligences Curricula and Instruction	3 3
彈 性 選 修 專 業 課 程	創造力教學 Creativity Teaching		3 3	比較職業教育 Comparative Vocational Technical Education	3 3
	領導理論 Leadership Theory		3 3	成人學習理論與實務 Practice and Theory of Adult Learning	3 3
	測驗理論 Testing Theory		3 3	生涯發展 Career Development	3 3
	校園規劃與管理 Campus Planning and Management		3 3	學習理論 Learning Theories	3 3
	職業分析 Job Analysis		3 3	機器學習 Machine Learning	3 3
	資料庫應用論文寫作 Academic Writing Application in Databases		3 3	產學合作專題研究 Seminar in University-Industry Collaboration	3 3

彈性選修專業課程			學術論文寫作 Academic Paper Writing	3	3		
	當前技職教育問題研究 Technical Vocational Education Problems	3	3	電腦在統計上的應用 Computer Statistics in Education	3	3	
	教學理論與實務 Theory & Practice of Instruction	3	3	政策專題研究 Policy study	3	3	
	機器人學 Robotics	3	3	職業安全管理 Occupational Safety Management	3	3	
	物聯網實務專題研究 Special Topic on IoT	3	3	人工智慧 Artificial Intelligence	3	3	
	物聯網在技職教育之應用 Application of IoT in Technical Vocational Education	3	3	技職教育哲學 Philosophy of Technical and Vocational Education Economics	3	3	
	技職教育政策專題研究 Special Topic on Technical Vocational Education Policy	3	3	技職教育經濟學 Technical and Vocational Education Economics	3	3	
	技術及職業教育概論 Introduction of Technical Vocational Education	2	2	職業倫理 Professional Ethics	3	3	
	生涯規劃 Career Planning	2	2	職業教育與訓練 Vocational Education and Training	2	2	
	機器人學在技職教育之應用 The Application of Robotics in Technical Vocational Education	3	3	數位科技在教學上的應用 Application of Digital Technology in Teaching	3	3	
	人工智慧在技職教育之應用 Application of AI in Technical Vocational Education	3	3	資料探勘在技職教育之應用 Application of Data Mining in Technical and Vocational Education	3	3	
	勞動檢查 Labor inspection	3	3				
	資料探勘 Data Mining	3	3				
	畢業條件	一、本所碩士班最低畢業學分為35學分【包含必修14學分、選修21學分】，不含「論文指導（一）（二）」6學分。					
		二、專業核心科目至少須修習四門課（12學分），其餘凡選修本所碩士班開設之課程（不限學年度），他系所或他校碩士班開設之科目經本所認可者（最高6學分），需經指導教授及所長同意，可採認為碩士班之畢業學分數。					
		三、凡註冊後應至少修習一門科目（含論文），否則應辦理休學。已修畢最低畢業學分而論文尚在撰寫中者，次學年起每學期必須選修「論文」。					
		四、本所研究生欲修習教育學程者，依據本校教育學程修習辦法第19條規定，學生修習各師資類科教育專業課程，每學期修習學分數上限為該類科總學分數之三分之一。					
		五、本所授予「教育學」碩士學位。					
		六、研究生應於申請學位考試前修習通過於「臺灣學術倫理教育資源中心」(https://ethics.nctu.edu.tw/)網路教學平台之「學術研究倫理教育」課程等相關規定。					

Graduation requirements	□. The minimum graduation credits for our master's program are 35 credits [including 14 credits of compulsory courses and 21 credits of elective courses], excluding 6 credits of "Thesis Guidance (I) (II)". □. At least four courses (12 credits) must be taken in the professional core subjects. Any other elective courses (not limited to the academic year) offered by the master's program of the institute, or courses offered by the master's program of other departments or other schools that are approved by the institute (maximum 6 credits), must be approved by the supervisor and director, and may be used as the number of graduation credits for the master's program. □. Upon registration, students must take at least one subject (including thesis). Otherwise, they should apply temporary suspension. For students who have completed the minimum graduation credits but are still writing their thesis, they must choose the subject "Thesis" every semester from the next academic year. □. For postgraduate students who want to study Teacher Education Program, according to Article 19 of the "NCUE Teacher Educational Program Study Regulation", the maximum credits allowed per semester for professional courses in the teacher education category shall not exceed one-third of the total credits in this category. □. Our institute awards a master's degree in "Education". □. Graduate students should take the courses listed in the AREE (Center for Taiwan Academic Research Ethic Education, https://ethics.nctu.edu.tw/) before applying for the degree examination.
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