

研究所教育目標

1. 強化專業領域之技能知識、拓展電機視野

Strengthen the professional skills and knowledge, and expand the horizons.

2. 開發協調與獨立思考潛能、厚植領導能力

Develop the potentials of coordination and independent thinking, and cultivate the leadership.

3. 勇於創新與尊重智慧財產、落實科技應用

Be undaunted for innovation, respect intellectual properties, and implement the application of technology in practice.

4. 具備人道熱忱並關懷社會、胸懷國際宏圖

Possess the humanity, enthusiasm, and society care as well as the international perspectives.

研究所核心能力

1. 電機專業之養成 - 電機領域之專業知識。

Be able to possess professional knowledge in the field of electrical engineering.

2. 資料蒐集與整合 - 資料蒐集、研讀、整理、策劃、設計、系統整合及執行專題研究之能力

3. 數據分析與組織 - 研究結果分析、詮釋、組織及撰寫專業論文之能力

Be able to analyze and to interpret the results and to write professional papers.

Be able to collect and to analyze data, to design and to integrate systems and to perform the research in particular projects.

4. 獨立與創新思考 - 創新思考及獨立解決問題之能力

Be able to innovate and to solve problems independently.

5. 團隊合作與協調 - 與不同領域人員協調整合團隊合作之能力

Be able to coordinate and to integrate professionals with different expertise into a team.

6. 具備良好國際觀

Be able to have excellent international perspectives.

7. 領導管理規劃力 - 領導、管理及規劃之能力。

Be able to lead, to manage, and to plan.

8. 終身學習與成長 - 終身自我學習成長及應用電機專業技能知識之能力

Be able to develop lifelong self-learning habits, and to apply professional skills into practice.