

課程創新及全面教學品質保證為導向的校務治理策略

—以台灣某科技大學為例

Governance Strategy Focused on Curriculum Innovation and Total Teaching Quality Assurance:

A Case Study of a Technology University in Taiwan

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摘要

少子化對科技大學校務治理帶來許多挑戰，科技大學更需要對於學校定位與特色、課程創新、教學品質進行適切規劃與調整。為培養適應未來社會需求的人才，需要不斷更新課程內容，引入最新知識和技術。而教學品質提升則是實現優質教育的關鍵。本文以台灣某一科技大學為例，說明其校務治理策略，以及課程創新及全面教學品質保證在推展校務治理的重要性。在課程創新策略方面，包括教學創新、精進實作技能、精進校外實習輔導等創新課程設計。其次是單科式、學程式、自主學習式、活動式等跨域學習。另外在程式設計與科技運用，則包括應用程式設計及 STEM 教育。全面教學品質保證策略則包括教師培訓與專業發展，以及品質監控與改善。在面對未來諸多挑戰，依循在制度面、學習面、社會面深化技職教育，以培養能因應科技和產業變革、具備創新力、積極進取且敬業的技職人才。

Abstract

The declining birthrate poses multiple challenges for the governance of technology universities, necessitating a strategic focus on institutional positioning, uniqueness, curriculum innovation, and teaching quality. To cultivate manpower adaptable to future societal needs, continuous curriculum updates incorporating the latest knowledge and technology are imperative. The enhancement of teaching quality is pivotal to achieving excellence in education.

Taking a Taiwanese technology university as an example, this article illustrates the significance of governance through curriculum innovation and comprehensive teaching quality assurance. Regarding curriculum innovation, strategies encompass innovative course designs such as novel teaching methods, improved practical skills, and enhanced guidance for external internships. Additionally, interdisciplinary learning approaches include single-subject integration, program-based learning, self-directed learning, and activity-based learning. Furthermore, programming and technological applications are emphasized, covering areas like application development and STEM education. Comprehensive teaching quality assurance strategies encompass teacher training, professional development, and quality monitoring with continuous improvement efforts.

In the face of numerous challenges in the future, technical and vocational education should be deepened in the institutional, learning and social aspects, and cultivate technical and vocational manpower that can respond to technological and industrial changes, be innovative, enterprising and dedicated.

關鍵詞：校務治理、全面品質管理、課程創新、教師專業發展

Keywords: University Governance; Total Quality Management; Curriculum Innovation; Faculty Development