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## 技術學院應外系學生英文寫作焦慮量表之 編製

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### 摘 要

本研究旨在發展一份英文寫作焦慮量表以瞭解臺灣技術學院應外系學生英文寫作焦慮的來源。研究工具包括一份開放式的問卷及五份經過適度改寫與翻譯，分屬不同領域的焦慮量表。開放式問卷的目的是要得知學生在英文寫作時產生的焦慮經驗。這些經驗所形成的主題便成了編製本研究所需量表的基礎。完成後的量表與前述五種分屬不同領域的焦慮量表則針對八所技術學院應外系共338位學生作測試。之後針對此量表作各種效度與信度檢測，最後則進行驗證性因素分析以評估探索性因素結構的適度性。研究結果顯示本研究所發展的英文寫作焦慮量表具有適度的計量特質。各種測試顯示四個因素的結構為本量表最佳的模式，分別是：(1)寫作考試的焦慮；(2)用字及文法結構上犯錯的焦慮；(3)擔心負面的評價；(4)英文寫作信心低落。驗證性因素分析進一步證明此模式的適度性。

關鍵詞：英文寫作焦慮、量表、技術學院、應外系

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# The Development of an English Writing Anxiety Scale for Institute of Technology English Majors

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## Abstract

This study aimed to develop an English writing anxiety scale to map out Taiwanese institute of technology English majors' anxiety in English writing. The research tools included an open-ended questionnaire and five adapted and translated scales related to anxiety in different fields. The questionnaire attempted to elicit students' anxiety-provoking experiences in English writing. The themes emerging made up the bases for developing the initial constructs of the scale. The resultant scale and the five translated scales were then given to 338 English majors in eight institutes of technology. Different types of validity and reliability were examined and confirmatory factor analysis was finally conducted to evaluate the fitness of the exploratory factor structure. The results show that the scale has adequate psychometric properties. Four factors were identified, namely, Fear of Writing Tests, Anxiety about Making Mistakes, Fear of Negative Evaluation, and Low Confidence in English Writing. Confirmatory factor analysis further substantiated the fitness of such a factor model.

**Keywords:** English writing anxiety, scale, institutes of technology, English majors

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