

整合多媒體系統於電腦輔助教學之研究

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摘要

科技的進步，新的需求與應用也不斷的增加，靜態的文字與圖片已無法因應。生動的聲音、影像與視訊需求日益高漲，於是能夠滿足視覺與聽覺的多媒體，愈來愈受到重視。因此，本研究透過實地研究方法(Field Research)，經由發展多媒體整合系統的過程收集資料，結合人機互動(Human-Computer Interaction, HCI)，整合的設計原則問卷，獲得發展系統的評估依據，並且以科技接受模式(Technology Acceptance Model, TAM)有用性與易用性的指標，評估使用者對多媒體整合系統的認同態度。研究結果發現，系統經由測試及修正後，對於有用性與易用性認同度均相對提高。

關鍵詞：實地研究(field research)；人機互動(human-computer interaction, HCI)；科技接受模式(technology acceptance model, TAM)

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