

利用DEMATEL分析討論如何提升大專教師網路教學之使用意願

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摘要

In Taiwan, with the rapid development of the internet, surfers are exposed not only to pictures or texts on the web but also sound, motion images, which are becoming the main parts and also avenues to learning. Web-based learning has becoming common among colleges and learning appears to be the future form of education, learning more flexible. Therefore, this study explored how to promote the willingness for using Web-based Learning approaches for professors in college. The study analyzed through DEMATEL between the degrees of influence of each criterion. The results show that the value of "a3-internet teaching is meaningful" is highest in column (D-R) when doing guideline analysis. This represents when teaching over internet, teacher finds internet teaching is helpful for the students' learning and thus increase the motivation for teacher to teach student over internet. On the other hand, in column (D+R), the value of "d2 E-mail and internet tools may effectively promote the communication between teachers and learners" is highest. This suggests that the interface of internet teaching should add functions including E-mail, discussion group, and instant message, etc. to enhance the communication between teachers and learners to increase the learning motivation of the learners and boost teachers' motivation to teach over internet.

關鍵字：Web-based Learning, DEMATEL