

Discussion on Increasing College Teachers' Willingness to Adopt Web-based Learning in Teaching

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Abstract

Web-based learning is one of the most common learning channels and useful components for students and teachers in colleges and universities. Web-based learning is gradually becoming a trend because it offers learners more flexibility. Therefore, this study aims to investigate how to increase the college teachers' willingness to adopt web-based learning in their teaching. It applies the DEMATEL method to analyze the degree of influence among the criteria. It also uses the MMDE to solve the threshold value problem. The study results reveal that the "web-based learning is helpful" criterion has obtained the highest value. In other words, if teachers realized the value of web-based learning to students, it might increase their willingness to use it.

Keyword : web-based learning, willingness, DEMATEL, MMDE