

## **An Innovative Approach to Improve Skills of Students in Qatar University Spending in Virtual Class though LMS**

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**Abstract :** In this study we have investigated students' learning and satisfaction in one of the course offered in the Foundation Program at Qatar University. We implied innovative teaching methodology that emphasizes on enhancing students' thinking skills, decision making, and problem solving skills. Some interesting results were found which can be used to further improve the teaching methodology. To make sure the full use of technology in Foundation Program at Qatar University has started implementing new ways of teaching Math course by using Blackboard as an innovative interactive tool to support standard teaching such as Discussion board, Virtual class, and Study plan in My Math Lab "MML". In MML Study Plan is designed in such a way that the student can improve their skills wherever they face difficulties with in their Homework, Quiz or Test. Discussion board and Virtual Class are collaborative learning tools encourages students to engage outside of class time. These tools are useful to share students' knowledge and learning experiences, promote independent and active learning and they helps students to improve their critical thinking skills through the learning process.

**Keywords :** blackboard, discussion board, critical thinking, active learning, independent learning, problem solving

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