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CHALLENGES FOR THE THIRD MILLENNIUM

Teaching Exploration of "Basic Principles of Civil Engineering Construction" under the Objective of Cultivating Excellent Engineers

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ABSTRACT:

This paper introduces the teaching reforms to Civil Engineering Construction Education in Tongji University, under the objective of excellent engineers cultivation, attempting to address current challenges in slow teaching contents update, teaching hours shortage, ineffective practice and the simple assessment criteria. The author explores the advantages of blended learning through designing diversified teaching contents, including the application of MOOC (Massive Open Online Courses), adjustment to teaching contents, the setting of practical class and the optimization of assessment criteria. The paper also discusses the teaching effect of this course accordingly.

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