
GC 2012-5644: CONSULTING ACTIVITIES FOR FACULTY DEVELOPMENT AND CASE STUDIES FOR PROBLEM-BASED LEARNING COURSE IN ENGINEERING EDUCATION

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Faculty Development

Consulting Activities for Faculty Development and Case Studies for Problem-based Learning Course in Engineering Education

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The purpose of this presentation is to introduce consulting activities and processes for implementing problem-based learning in terms of faculty development. Faculty development activities include consulting processes of providing teaching-learning models, guidelines for developing problem scenarios, teaching tips for learning facilitation and evaluation tools for implementing performance assessment. Case studies of problem-based courses can be examined. Course titles, problem scenarios, PBL procedures and students' learning experience are provided. Several tips for faculty development are recommended.