Fostering student’s innovative capacity in undergraduate Building Technology Education (BTE)

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Research Problem:
How to improve students’ innovative capability in undergraduate Building Technology Education?

Summary:
This research aims at developing teaching for learning strategies for the stimulation of students’ technological innovative capacities in Building Technology Education. In 3 phases, a series of descriptive studies, teaching interventions for innovativeness and one experimental study will be conducted. The problem establishment phase is a focus group interview with 18 professionals (a). 3rd and 4th year student in at least 4 Universities of applied science across the Netherlands will validate the theoretical framework (b). Using education research design (ERD) methodology, 4 designs intervention will be conducted, implemented, evaluated and redesigned (c). Finally, the experimental phase, teaching for learning strategies that foster and improve students’ innovative capacities will be implemented and tested (d).

References:


Reis, S.M.; Renzulli, J.S. (2003). Developing high potentials for innovation in young people through the school wide enrichment model. The international handbook on innovation, (pp. 333-346).