Initial Results Teaching and Learning in the Integrated Teaching and Learning Lab (ITLL)

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ITLL is a state of the art facility for undergraduate engineering lab experience and active learning. The ITLL program and building are having a major impact on the educational culture in the College of Engineering. In this paper we will discuss the features of the program, the design of the building and how it is impacting the college culture.

How a program/building can influence the following concepts will be discussed.

1. Turning passive knowledge absorbers to active constructors of knowledge.
2. Continual connectivity and access to learning.
5. Curriculum development.
6. Teamwork.
7. Multidisciplinary design.
8. Capstone design.
10. Interaction and support of first year - senior students.
11. Continual structural analysis based on real data.
13. Role of Instructor.