Future Classroom Lab: Interactive Learning Environment

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PURPOSE

“Educational Spaces” as

• a physical space that supports multiple and diverse teaching and learning programs and pedagogies, including current technologies;
• demonstrates optimal, cost-effective building performance and operation over time;
• respects and is in harmony with the environment;
• encourages social participation, providing a healthy, comfortable, safe, secure and stimulating setting for its occupants.
• a combination of formal and informal education systems where learning takes place both inside and outside of schools

Manninen et al., 2007; Bannister, D., 2017
PURPOSE

Future Classroom Lab – FCLab
in project based project or scenario based problem solving
PURPOSE

Allow movement and flexibility
- Flipped learning
- Collaborative learning
- Project based learning
- Scenario based problem solving

Teachers and students recognize that learning spaces influence the teaching and learning promotes:
- Active role
- Significant learn
- Motivates students
- Help to demonstrate individual learning outcomes
Research Question ...

What are the contributions of a Future Classroom Lab in student engagement and satisfaction student-centered teaching, learning and assessment processes?

... and objective

To identify students perception of the use Future Classroom Lab – FCLab in learning engagement and satisfaction.
Methods

Qualitative and descriptive study

Data collection:

- Questionnaire, accessing Satisfaction and Learning motivation applied in the end classes period (likert scale)
- Students focus group

Inclusion Criteria:

- Students from 3th and 4th nursing degree
- Classes in project based learning or scenario based problem solving
METHODS

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RESULTS

- Engage learning activities
- Collaborative process
  - Participative
  - Flexibility
  - Peer education
  - Peer research
  - Peer feedback
- Access to technology
- Decision making process
- Self-directed learning
  - Autonomy
  - Responsibility
FCLab provide different learning zones that combined create the opportunity to provide transformative education, as a collaborative process and engage learning activities.

Allows to knowledge development and understanding about new teaching/learning styles, learning spaces design, current emerging technology, and societal trends affecting education for future.
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