Enhancing experiential educational opportunities using a flipped classroom approach

*Exercise, Disability and Aging Mini-Stream*

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Assessing the impact of a flipped classroom approach in an undergraduate experiential learning course on fostering competency-based learning outcomes

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BACKGROUND

Revved Up Exercise Program

Exercise, Disability & Aging Mini-Stream

(Jackson, Williams, McEachern, Latimer-Cheung, & Tomasone, in review)
To implement learning outcomes and assessment strategies that align with the CSEP core competencies using a flipped classroom approach.

Purpose
AIM 1: Align learning outcomes with CSEP core competencies

COURSE DEVELOPMENT
- Learning Outcome Development
- Connect with National Accrediting Body

ALIGNMENT ASSESSMENT
- Mapping Course Content
- Student Knowledge Assessment
AIM 1: Align learning outcomes with CSEP core competencies

- E.g., Client screening and evaluation
- E.g., Exercise strategies for persons with disabilities
- E.g., Administering and interpreting fitness assessments
- E.g., Designing appropriate exercise programs
AIM 1: Align learning outcomes with CSEP core competencies

- First attempt within SKHS to proactively align course with an accrediting body
- CSEP now recommends that the mini-stream satisfies the core competencies
AIM 1: Align learning outcomes with CSEP core competencies
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- PROJECT TEAM
  - 90 intended targets (green and blue)
- STUDENTS (n=15)
  - 49 intended targets (green)
  - 25 unintended targets (orange)
AIM 1: Align learning outcomes with CSEP core competencies

- **RESPONSE RATE**
  - Pre: $n = 5$
  - Post: $n = 2$

- **DESCRIPTIVE ANALYSIS**
  - 15% improvement from pre- to post-course
AIM 2: Structure the “flipped classroom” to foster achievement of course objectives

PRIOR TO COURSE START

WEEKLY SEMINARS

- Practical Case Studies
- Small Group Learning
- Large Group Discussions
CHALLENGES & COMMENT

Learning Outcome Development
- Full Curriculum Redesign
- Seamless onQ Module Integration

Connect with National Accrediting Body
- Organization Level Restructuring
- Partnership Development

Mapping Course Content
- Retrospective Student Mapping
- Connections Throughout Course

Student Knowledge Assessment
- Low Response Rate
- Include as Course Requirement
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QUESTIONS?