Plan for a Scholarship of Teaching and Learning Project

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Research Questions

What are you curious about?

What would you like to know about strategies that might hinder and/or help students to learn, in your course?

Do you want to know if an activity, assignment, or teaching strategy "works?"

Do you have a question about how to help your students learn a particular skill?

Does the method of course delivery affect student success? We currently deliver programs in 4 different methods

1. Fully In-Class
   The course material is delivered via face-to-face interaction between student, Professor, and other students in the class
2. Blended
   The course material is delivered 50% via face-to-face interaction between student, Professor, and other students in the class
3. Online
   The Couse material is delivered 100% via online teaching. Virtual classes are provided to the students.
4. Online – Condensed
   The Course material is delivered 100% via online teaching. Virtual classes are provided to the students. The timeline for course delivery is condensed from the standard 15-week duration to 3 weeks, with classes every evening (Monday-Friday)

Is there a measurable difference in success of the student dependent on the delivery method utilized?

Identify challenges/outcome related to learning that is related to your question.

Describe the learning in a way that suggests how you might measure it using either qualitative or quantitative methods.

Utilizing my statistics over the last 7years for the course, analyze the student marks via quantitative research. As well, I can study dropout rates across all methods of delivery.

Review past student surveys to find patterns in comments around course content, delivery, and student success.

Enrollment in the Online (Accelerated) delivery method tends to be approx. 50% of the enrollment in the other methods. This lower statistical numbers may not provide an adequate result bank, and may affect the results of the study.

Describe the instructional activity, assignment, or teaching strategy that will promote student learning on the outcome you identified.

SoTL projects might investigate the impact of a modification to an existing strategy or assignment. Describe how the new approach differs from the old approach and why this modification might change student learning on this outcome.

Student success across the 4 methods of course delivery. There will be 2 sections created across this study. Each section will contain the same group of 4 delivery methods (Fully In-Class, Blended, Online, online – Condensed)

1. Section 1
   Identical course material will be used across all 4 delivery methods in this section. Professors will teach only the provided material and not enhance any of the material.

2. Section 2
   Identical course material will be used across all 4 delivery methods in these sections. Professors will be given the flexibility to add to or enhance the existing course material in their course.

Describe the evidence that would persuade an external audience that the new or modified teaching strategy improve student learning on the targeted learning outcome.

Describe the evidence you would need to collect to answer questions about the impact or value of this teaching strategy. How would you convince others that this approach is better than other approaches? What comparisons should you make? Examine students; skill before and after the assignment? Compare students who complete the learning activity to *another group of students – what comparisons would be meaningful?*

Prior to Covid—19, the perception was that online learning was less effective then in-call face to face learning.

Since Covid-19, some of these perceptions have been altered as Universities and Colleges were required to shift from in class learning to fully online learning. At this time, I believe that it would be difficult to persuade external audiences that new or modified teaching strategies will improve student learning. I believe this to be true, given the last few years we have had a fully 100% focus on online delivery and very little to compare with in class.

We must first persuade the majority of our audience that whatever delivery method we utilize, the student learning experience is similar, Similar student satisfaction, coupled with similar final grades would persuade the audience that modified teaching strategies do work, as well as providing much more flexibility to our students.

Online courses generally provide our students with a better work-life balance and allow them to better allocate their time throughout the duration of the course.

How and where would you publish, present, or disseminate this work?

Initial dissemination of my work would be within the Fanshawe College Community. This would then be expanded at conference, and social media collaboration.