

Research Project Title: Assessment of Online/Flipped Classroom Format

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This consent form, which you can download for your records from UMLearn, is only part of the process of informed consent. It should give you the basic idea of what the research is about and what your participation will involve. If you would like more detail about something mentioned here, or information not included here, you should feel free to ask. Please take the time to read this carefully and to understand any accompanying information.

The purpose of this research is to compare learning gains in this course to the other sections. This will consist of a pre- and post-test that will take approximately half an hour of your time at the beginning and end of the course. In addition, there may be some specific survey questions added to the SEEQ evaluations regarding special offerings, which will add a few minutes to the evaluation. The pre- and post- test results will help us to decide if we should offer more online sections of this or other courses, as well as to make possible improvements to the in-class and online sections. We ask that whether you choose to allow us to publish your data that you still take the test and do your best to answer the questions honestly.

It is necessary to record your student id so that we can compare your scores on the pre- and post- tests, as well as your performance in the course itself, as well as the follow-up course, PHYS 1030 or PHYS 1050. Your scores will be kept with your student id associated for one year in order to match them to your PHYS 1030 (or PHYS 1050) performance, and then the IDs will be removed although the anonymous data will be kept indefinitely. If the results are ever published in a Physics Education or other research journal, they will be completely anonymous and no identifiable information will be published.

You can choose to remove your test scores in the study at any time before the end of the semester following the current semester (end of summer sessions for Winter term), even if you take the test and provide consent today. If you would like to receive a summary of the results of the study, please provide your email address, or you can request a copy by email once it is available.

By choosing "I give consent for my scores to be used in this study." you indicate that you have understood to your satisfaction the information regarding participation in the research project and agree to participate as a subject. In no way does this waive your legal rights nor release the researchers, sponsors, or involved institutions from their legal and professional responsibilities. You are free to withdraw from the study at any time, and /or refrain from answering any questions you prefer to omit, without prejudice or consequence. Your continued participation should be as informed as your initial consent, so you should feel free to ask for clarification or new information throughout your participation.

The University of Manitoba may look at your research records to see that the research is being done in a safe and proper way.

This research has been approved by the [insert full name of appropriate REB]. If you have any concerns or complaints about this project you may contact any of the above-named persons or the Human Ethics Coordinator at 204-474-7122 or humanethics@umanitoba.ca. A copy of this form is available in UMLearn for you to download for your records.

- A. I give consent for my scores to be used in this study.
- B. I do not give consent at this time.