**INFORMED CONSENT DOCUMENT**

**For EE 185 Fall 2020**

Title of Study: Study of reflections in industrial design and electrical engineering inquiry-based courses

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This form describes a research project. It has information to help you decide whether or not you wish to participate. Research studies include only people who choose to take part—your participation is completely voluntary. Please discuss any questions you have about the study or about this form with the project staff before deciding to participate.

# Introduction

The purpose of this study is to determine the positive effects of inquiry based learning through reflections in freshmen and electromagnetic courses. You are being invited to participate in this study because you are enrolled in this course. You should not participate if you are under age 18.

# Description of Procedures

If you agree to participate, you will be asked to complete two or more in class reflections that will be used to assess the growth in your learning over the course of the semester. Your participation will last for the duration of the semester and is voluntary.

# Risks or Discomforts

While participating in this study we don’t expect that you will experience any risk or discomfort.

# Benefits

If you decide to participate in this study, there will be nodirect benefit to you. It is hoped that the information gained in this study will help students in cultivating better learning practices.

# Costs and Compensation

You will not have any costs from participating in this study. You will not be compensated for participating in this study.

# Participant Rights

Participating in this study is completely voluntary. You may choose not to take part in the study or to stop participating at any time, for any reason, without penalty or negative consequences. You can skip any questions that you do not wish to answer.

If you have any questions *about the rights of research subjects or research-related injury*, please contact the IRB Administrator, (515) 294-4566, [IRB@iastate.edu](mailto:IRB@iastate.edu), or Director, (515) 294-3115, Office for Responsible Research, Iowa State University, Ames, Iowa 50011.

# Confidentiality

Records identifying participants will be kept confidential to the extent permitted by applicable laws and regulations and will not be made publicly available. However, federal government regulatory agencies,auditing departments of Iowa State University, and the Institutional Review Board (a committee that reviews and approves human subject research studies) may inspect and/or copy study records for quality assurance and data analysis. These records may contain private information.

To ensure confidentiality to the extent permitted by law, the following measures will be taken: only the instructor of the course and researchers with appropriate approval will have access to the dataset including your reflection responses. Any identifying information like your name and class code will be removed and replaced with a randomly generated code prior to use of the data for any research. No individual student responses will be singled out in research publications. The key that connects student ID to the random code will be stored on a secure server controlled by ISU Information Technology.

# Questions

You are encouraged to ask questions at any time during this study. For further information ***about the study,*** contact the principal investigator, Dr. Mani Mina, mmina@iastate.edu.

# Consent and Authorization Provisions

Your signature indicates that you voluntarily agree to participate in this study, that the study has been explained to you, that you have been given the time to read the document, and that your questions have been satisfactorily answered. You will receive a copy of the written informed consent prior to your participation in the study.

***Please print a copy of this informed consent document if you would like a copy for your records.***



Participant’s Name (printed)



Participant’s Signature Date