

INFORMED CONSENT FORM

Investigating student learning and sense-making from calculus video lessons

1. Purpose of the Study: The goals of this study are to expand our understanding of how students use, make sense of, and learn from calculus video lessons; and to investigate ways to help students learn from video lessons.
2. What You Will Be Asked to Do: As part of your regular class activities, every student (regardless of whether you participate in the research study) will watch several short (~10 minute) calculus video lessons and answer several short follow-up questions. The videos and questions will be hosted on a web site that is able to track when you start, stop, pause, and “rewind” each video. If you consent, we will be able to use this video-watching data and your responses to the questions as part of our research data. In order to participate, you must be at least 18 years old.
3. Risks: There are minimal risks involved in this study. Students might experience some unease while discussing mathematics concepts with another person, but such activities would be part of the regular “flipped” classroom pedagogy.
4. If You Would Like More Information about the Study: If you would like any additional information, you may contact the following members of the research team:
Dr. Michael Tallman
E-mail: michael.tallman@okstate.edu
Phone: (405)744-5479
Office: 417 Mathematical Sciences
5. Withdraw from the Study: You are free to withdraw at any time without penalty, and to omit answers on questionnaires that you feel uncomfortable answering. Withdrawal from the study will not impact your grade in the course for information about your rights as a participant, contact the OSU IRB at irb@okstate.edu or (405)744-3377, 223 Scott Hall, Stillwater, OK 74078.
6. How the Data will be Maintained in Confidence: All student names or other identifying features will be removed from audio/video transcripts. Interviews will be conducted by a person who is not your instructor. All project data will be stored on a password-protected Amazon S3 server; only the research team will have access to this server.