All of the engineering students are being tested in their core courses this fall at the beginning of the semester and again at the end of the semester. These data will be used to improve your learning experiences in these courses and in your future courses.

As you can see from the course website (http://www.physics.rutgers.edu/ugrad/123/), pre and post testing accounts for **2% of your grade.**

To get this 2% you must complete all 4 parts of this:

1. **Pre-test** Which will be **administered during the first recitation the week of 9/11** (there will be **no recitations the week of 9/4**).
2. **Pre-survey** which you will do **online (keep reading)** and it will close 9/15.
3. **Post-test** will be administered during recitation at the end of the semester.
4. **Post-survey** will be again **on-line**, you will receive a link to it at the end of the semester.

**About the survey:**

All engineering students are being tested in their core courses at the beginning of the fall semester, at the end of the fall semester, and at the end of the spring semester. These data will be used to improve your learning experiences in these courses and in your future courses.

A copy of an **informed consent form** is available to view in the survey, which explains your rights regarding the study and provides you the opportunity to opt out of having your scores used in the study. You are required to take the assessments, but will have a no-penalty option of having your data withheld from the study if you choose not to participate.

Use this [Survey Link](https://rutgers.qualtrics.com/jfe/form/SV_79bqinPSg7wdN0p) or copy and paste into your web browser.

**Important to note:**

- It is important for the sake of the study to do your very best on these assessments; there are no right or wrong answers to this assessment, rather you should answer honestly based on your views about learning physics.
- You must **complete this survey by 11:59 pm on Friday, September 15th.**
- Your responses to these individual survey items will have no bearing on your course grade, but completing this online survey AND the in-class pre-test (on paper, fill-in-the-blank with a pencil) will help your course grade.
- Your instructors will not see your scores, and will only know whether or not you take the tests.
- Your instructor will not know whether or not you agreed to include your data in the research study.

If you have questions or concerns about the research study, please contact Dr. Mary Emenike at mary.emenike@rutgers.edu.