NOTE: The information in these slides applies ONLY to MSU Engineering students who began their first graduate degree in Fall 2016 or earlier.

If you started your graduate program in Spring 2017 or later, please see the “NEW” requirements instead.

Research Ethics

* What is Responsible Conduct of Research (RCR)?
  * Acting with honesty, fairness, accuracy, objectivity

* Why is it important to society?

* Why is it important to you, as a graduate student?

* Why is it important for your research mentor(s)?

Adapted from the MSU College of Engineering's Overview of RCR, June/September 2014.
Old RCR Requirements
(for College of Engineering graduate students starting Fall 2016 or earlier)

- Graduate students must complete RCR (Responsible Conduct of Research) training during **EACH CALENDAR YEAR** at MSU
  - Training must be completed between January 1 and December 31 to count for that calendar year
  - Students are responsible for scheduling, completing and logging their own training hours
  - To “count” toward the requirement, RCR training must be logged online ([www.egr.msu.edu/rcr](http://www.egr.msu.edu/rcr))

How Many Hours are Required?
(for College of Engineering graduate students starting Fall 2016 or earlier)

- **First Year Students**
  - Minimum of 5 hours of RCR training **during first year**
    - If you have a research adviser or major professor, then at least 1 of these 5 hours of training must be conducted **in person** with your adviser
  - Complete and log by December 31 of your first full calendar year
    - First enrolled in Spring 2016 or earlier: complete by December 31, 2016
    - First enrolled in Summer or Fall 2016: complete by December 31, 2017

- **After the First Year**
  - Minimum of 3 hours of RCR training each year
    - If you have a research adviser or major professor, then at least 1 of these 3 hours of training must be conducted in person with your adviser
  - Complete and log between January 1 and December 31 each year
How Can you Complete Training?
(for College of Engineering graduate students starting Fall 2016 or earlier)

- In-person conversations with research advisor or major professor
  - Can be individual or group meetings
  - Should discuss RCR in context of your research/discipline
- Workshops offered by the MSU Graduate School
  (http://grad.msu.edu/workshops/)
- Free, online training courses through CITI (https://www.citiprogram.org/)
- Other courses, seminars or programs covering RCR: okay with approval from your adviser!

How Do you Log the Training?
(for College of Engineering graduate students starting Fall 2016 or earlier)

- Online through www.egr.msu.edu/rcr
- Create a new RTTS account each academic year
  - You may need to print multiple academic year reports from RTTS to show all training completed for current calendar year
- Record your training hours (round the time up to the next whole hour)
  - If you don’t log it in RTTS, it does not count!
- Submit with your annual report (this is due January 31)
  - Print a PDF of the completed training log from RTTS and include with your annual report
OLD RCR (Responsible Conduct of Research) Graduate Training Requirements
(for College of Engineering graduate students starting Fall 2016 or earlier)

Are you a current engineering graduate student?
Yes
No

Do you have a research adviser or major professor?
Yes
No

Have you completed at least 1 hour of RCR training in person with your research adviser?
Yes
No

Is this your first year of graduate studies?
Yes
No

Have you completed a minimum of 5 hours of RCR training this year?
Yes
No

Have you completed a minimum of 3 hours of RCR training this year?
Yes
No

Have you completed at least 1 hour of RCR training in person with your research adviser?
Yes
No

Have you logged all of your RCR training hours online at www.egr.msu.edu/rcr?
Yes
No

Congratulations! You’re done with RCR training until next year.
Remember that you must complete training each calendar year (January 1 through December 31).
Failure to complete and log your training each year will result in a hold being placed on your account.