



# Projects Class

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# Overview

# Introductions

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- Lead Instructor: Silvano Brewster
- Staff Instructor: Dawn Staniforth
- Class: ...

# Class Description

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- Learn How to Do Research
- You will learn general methods and techniques that can be used in any project
- You will learn
  - How to plan a project
  - How to do execute a project
  - How to analyze results
  - How to document your results
  - How to present your results
- Learn what good research is

# How We'll Do It

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- Instruction
- Handouts
- Exercises
- In-Class Projects
- Practice
  - Writing
  - Presenting
- Teamwork

# Expectations of You

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- ❑ Attend every week
- ❑ Work hard in class
- ❑ Ask questions if you don't quite understand something
- ❑ Take notes
- ❑ Apply what you learn
- ❑ Have fun

# Expectations of Us (and the class)

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- You tell us

# Q and A

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- ❑ How do you currently approach projects?
- ❑ Have you heard of the Scientific Method? What do you know about it?

# General Topics

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- The Scientific Method
- The Engineering Method
- Analysis
- Documentation and Writing
- Presentations

# Science Forum

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- Although not required, we teach with the expectation that you'll be doing a Science Forum project
- We'll try to help you stay on track
- You'll have a staff advisor who'll provide you with project specific guidance
- We'll set aside time during this timeslot for you to touch base with your advisor

# Science Forum Next Steps

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- Pick a project and, if desired, a teammate
  - Pick a project by next week
  - You may work in groups for *some* projects
- Fill out a registration form
- Plan your project