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title: "GEOL 456 Class 1 outline"

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## To-Do

- Introductions
  - My scientific background
  - My personal background
- Syllabus review

\*           Exercise: Every half-page of the syllabus, five students introduce self.

- Class overview
  - Goals
    - \* Climate physics and chemistry
    - \* Paleoclimatology
    - \* Human and environmental responses
  - Role of numeracy

Exercise: Group selves by major.  
Then create groups of three with different majors represented.  
Come up with a single question you would like to have answered about climate change by the end of the class.

- Introduction to numeracy
  - How to read an equation
  - How to calculate an answer
  - Dimensional analysis

Exercise: (Think, pair, share): Write three fractions that are physically equal to one, because the quantities in the numerator and the denominator are equivalent.