

# Introduction to Accelerator Physics Old Dominion University

## Midterm Review

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# Review for Midterm!

- Open book, open notes, open computer, open internet
  - However, not open friend, colleague, shaman, priest
- Mainly conceptual
  - You will probably need a calculator
  - You will NOT need Mathematica/Macsyma or to multiply matrices
- Strong focusing
- Betatron phase advance
- Parameterization of a periodic (strong focusing) matrix
  - Getting phase advance and beta functions from a periodic matrix
- And... know your Ampere's law ☺

