



# **General Computer Science for Engineers CISC 106 Lecture 01**

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Computer and Information Sciences  
2/11/2009



# Course Overview

- Course Outline
- Syllabus online
- <http://www.udel.edu/CIS/I06/cavazos/09S/>
- TAs: Roger Craig\*, Zelfhia Johnson, Chris Thorpe

\*Unofficial Co-instructor



# Labs

- Labs on Monday
  - First Lab next Monday
- Labs are solo or in pairs
- Labs due a week (Sunday) after assigned



# Grading

- Projects are teams of 4-5
- Grading:
  - Final (20%)
  - Two midterms (15% + 15%)
  - Two projects (10% + 10%)
  - Labs (20%)
  - Participation/Clicker (5% + 5%)



# MATLAB

- Command line
- Interactive (interpreted and immediate results)
- matlab
  - GUI version
- matlab –nodesktop
  - Text version

# MATLAB

- E.g. Expression
- `>> 2`
- E.g. Assigning a value to a variable
- `>> product = 2 * 7`
- (product is a variable)

# MATLAB

- How to calculate the area of a circle?
- `>> pi * r * r`
- `>> pi * 2 * 2`
- Or `>> pi * 2^2`
- Can we assign a value to r ahead of time?
- Yes.
- `>> r = 5`
- `>> pi * r * r`