

CIS 101: Computer Programming and Problem Solving

Instructor

- Usman Roshan
- Office: GITC 3802
- Office hours: Tuesday 1-2:25pm and Wednesday 12-1:25pm

Course grade

- In-class quizzes: 50%
- Midterm: 25%
- Final: 25%

Tentative course plan

Date	Topic
01/18/06	Introduction to Matlab
01/25/06	Arrays and matrices
02/01/06	Operations with arrays
02/08/06	Script files
02/15/06	2-D plots
02/22/06	Functions and function files
03/01/06	If statements and for loops
03/08/06	Polynomials and interpolation
03/22/06	3-D plots
03/29/06	Applications in numerical analysis
04/05/06	Symbolic math
04/12/06	C++
04/19/06	Comparison to C++
04/26/06	Object Oriented Programming

Textbook A. Gilat, MATLAB: An Introduction with Applications, 2nd Edition, John Wiley & Sons, 2005

Cheating The NJIT Honor Code will be upheld and any violations will be brought to the immediate attention of the Dean of Students

Changes to syllabus Students will be consulted and must agree to any modifications or deviations from the syllabus throughout the course (major deviations are not expected).