Fall 2019

CS 101-003: Computer Programming & Problem Solving

D.C. Douglas Hung

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CS101: Computer Program & Problem Solving
Computer Science, New Jersey Inst. of Tech.

Syllabus, Fall 2019

Instructor

 Prof. D.C. Douglas Hung, GITC, Room 4313, ext. x3384 (973-596-3384)

 e-mail: hung@njit.edu (with a subject line as "**CS101 related**")

Office Hours

 12:05pm – 12:45pm Monday,
 5:05pm – 5:45pm Tuesday &
 10:35am – 11:15am Wednesday
 Others by appointments

Description of Course

An introductory course that is designed for engineering freshman. This course introduces students to the engineering problem solving process in the context of MATLAB. Topics include basic concepts of computer systems, algorithm design, programming languages and data abstraction. During the classes, a comparison between MATLAB and C/C++ will be discussed in order to provide students a better understand of general concept of computer programming.

Course URL: http://web.njit.edu/~hung/

All of the course materials, including lecture notes, homework assignments, and exam announcements, will be posted on this webpage. Be sure to check this page often.

Textbook

Stephen J. Chapman, MATLAB Programming for Engineers, Thomson, 5th Edition, 2008, ISBN-13: 978-1-111-57671-4.

Grading Policies

Your grade in the course will be determined by the following breakdown:

Attendance	5 %
Homework	15 %
Midterms	45 %
Final Exam	35 %

Grading Policies

A	80 % and above		
B	60 % and above	(B+:	77% and above)
C	45 % and above	(C+:	57% and above)
D	35 % and above		
F	otherwise		

Course Policies

Class attendance is mandatory.

As a general rule, no makeup exams will be given, no alternate dates for exams, and no turn in assignments late. Of course, if someone has a legitimate reason (e.g., jury duty, medical problem), I will make allowances as long as you provide proper documentation (e.g., a note from your doctor). Also, I do not give out extra-credit assignments.

All exams will be closed books and closed notes. For midterms, no one will be permitted to leave the room once it has started. If a student leaves before the exam period is concluded, his/her exam will be collected and not be allowed to continue the exam. Students with special needs are advised to make arrangements with Disability Services for exam accommodations.

Upon getting back one of your exams, any questions about the grading must be asked right after all the answers were discussed.

Unless you are otherwise instructed, all portable electronic devices, such as cell phones and laptops, must be turned off during class.

Honor Code

The NJIT Honor Code will be strictly upheld, and any violations will be brought to the immediate attention of the Dean of Students. Honor Code violations include, but are not limited to,

o   communicating with others during exams
o   using unauthorized materials during exams
o   copying/giving a computer program from/to another person.