Syllabus for Corc1312, Section TR11
Computing: Nature, Power and Limits
Spring 2013

Course:

Course Title:	Computing: Nature, Power and Limits
Course Number:	CORC 1312
Section:	EM06
Lecture:	in 129F, Mondays 06:30-09:10 pm
Course URL:	http://www.sci.brooklyn.cuny.edu/~dogan

Lecturer:

Name:	Gulustan Dogan
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Office Hours:	Wednesdays 05:30-06:30 PM, and by appointment (please email me at least one

Text: *Computing: Nature, Power and Limits*, Brooklyn College, Pearson Custom Publishing, 2010, ISBN 0558728207.
The textbook is available in the College Bookstore and in Shakespeare Co.,
(718)434-5326 (on Campus Road near the entrance to the College).

Blackboard: Course materials and announcements will be done in BlackBoard. You are responsible of checking Blackboard regularly.

Homeworks: Homeworks will be assigned on a regular schedule. Late homeworks will not be accepted (unless it is the result of an officially excused absence).You should submit your homework through Blackboard. All homework files should be named as follows: YourNameHWnumber.

Exams: There will be two exams and a final. The final exam will be cumulative. Exam dates will be announced.

Final Exam: to be announced.

Course Requirements:

attendance, participation	%5
lab	%15
hw	%20
final	%30
exam1	%15
exam2	%15

Grading Scale:

98-100 A+	93-97 A	90-92 A-
88-89 B+	83-87 B	80-82 B-
78-79 C+	73-77 C	70-72 C-
68-69 D+	63-67 D	60-62 D-
below 60 F		

Grade A represents exceptionally high achievement as a result of aptitude, effort, and intellectual initiative. Grade B represents a high achievement as a result of ability and effort. Grade C represents the minimum passing grade. Grade D and F represents unsatisfactory performance and indicates failure in the course.

Course Learning Outcomes:

- To be able to describe the nature, power and limits of information technology

- To be able to explain the structure of the Internet and the World Wide Web and the roles of the fundamental protocols that drive them

- To be able to create simple Web pages, including interactive elements

- To be able to identify basic components of the computer, describe their function, describe the different forms of data and how they are represented, and describe how data flows among the different parts of the computer

- To be able to define "algorithm, provide algorithms for solving simple problems, and explain the process by which algorithms are rendered executable by a program

- To be able to identify some problems that are not feasible and/or computable

- To be able to explain criteria for evaluating data and their sources

- To be able to describe plagiarism and how to avoid it and to make determination regarding their personal online privacy and security

Absences: You are expected to attend every class. If you are not able to turn in a homework assignment, take a quiz, or take an exam because of an unexcused absence, you will not be able to turn the homework in late or take the quiz or exam. A University excuse from a scheduled class activity such as an exam must be presented in writing no later than two weeks prior to the date of the absence. An absence due to illness or family emergency may be excused, provided that you can supply acceptable written evidence if required, and that you notify the lecturer *as soon as possible*. Notification is almost always possible immediately upon occurrence of an emergency. If you're too sick to telephone, you can get a friend to do it. Failure to make such timely notification may result in denial of your request.

Academic Integrity: I adhere rigorously to the Brooklyn College policy on academic integrity. Students who cheat on quizzes or exams or who plagiarize material for papers will be reported to the Undergraduate Academic Integrity Official and will fail.

The faculty and administration of Brooklyn College support an environment free from cheating and plagiarism. Each student is responsible for being aware of what constitutes cheating and plagiarism and for avoiding both. The complete text of the CUNY Academic Integrity Policy and the Brooklyn College procedure for implementing that policy can be found at this site: http://www.brooklyn.cuny.edu/bc/policies. If a faculty member suspects a violation of academic integrity and, upon investigation, confirms that violation, or if the student admits the violation, the faculty member MUST report the violation.

Policy on Non-attendance for Religious Reasons: Brooklyn College adheres to the New York State policy on non-attendance for religious reasons. If you must miss a class for religious observance, you should let the professor know a reasonable amount of time in advance to allow for an appropriate make-up opportunity. Make-up opportunities may be scheduled before the absence.

Expectations: I expect that everyone will maintain a classroom conducive to learning. I like an informal atmosphere, but it must be orderly. Thus, everyone is expected to behave with basic politeness, civility, and respect for others. In particular, talking in class is ok if it's part of a class discussion or with me. Private communications are not, especially during quizzes and tests. Neither are reading extraneous materials, using electronic equipment, or sleeping.

Suggestions: Suggestions for improvement are welcome at any time. Any concern about the course should be brought first to my attention.