Welcome to CS 2100. This course covers Discrete Structures using a hands-on approach. For our motivations to take this approach, please consult the course book being written; it is called COURSE BOOK and is on the class Moodle site http://www.learning2.eng.utah.edu. As this book will constantly be evolving, please confine your printing to only the changes (thus saving on paper). Ideally, you must make a fresh printout of the whole book only about once a month. There are additional references also provided on the Moodle site.

Important Semester Dates and Hours:
- Spring Break: March 11 (Mon) - March 15 (Fri)
- Classes End: April 24 (Wed)
- Final Exam: May 1 (Wed), 10:30 - 12:30. Please double-check.
- (The only) Midterm Exam: Feb 28 (Thu) in class
- Instructor Office Hours: Thu 2-4pm in 3428 MEB
- TA Office Hours: See on the Moodle Page

Your Work and Grading
- Final Exam, 20%, Closed Book.
- Midterm Exam, 15%, Closed Book.
- Project, 15%, Assigned April 1, Due April 22 midnight (which means 11:59 PM for us).
- Assignments, 25%. Usually given out Tue and Due Mon midnight Due to class size, no late submissions are allowed, and all of them count.
- Labs, 10%
- In-Class Problem Solving (quizzes), 15%. Please bring blank sheets of paper and pen/pencil to each lecture (we may need them).

The final grade will be based on an absolute scale, with a maximum possible points being 100, and grade categories as follows: A: 90 and above; A-: 85-89; B+: 80-84; B: 75-79; B-: 70-74; C+: 65-69; C: 60-64; C-: 55-59; other grades: to be determined.

Lecture Plans and Expectations: Please read the indicated book chapters before class. In-class time will be usually spent amplifying the ideas in your readings, and assisted problem-solving. You may bring your laptops/phones to follow along with our Python demos (please put your phones in silent mode). Use of laptops and other devices such as phones for non-class room usage is prohibited.

Collaboration, Academic Dishonesty: High-level discussions are encouraged, but when it comes to the specifics of solving a given problem, no discussions are allowed. The project is a common one, and individual work and submission is required. Details of the project will be provided later.

SoC Cheating Policy Statement (Excerpt): Students who are admitted as SoC graduate students or undergraduate majors will need to sign and return the SoC Academic Misconduct Policy Acknowledgement Form available from http://www.cs.utah.edu/internal/ to the appropriate academic advisor prior to the end of the second week of their rst term in the CS undergraduate major or SoC graduate degree program. They will not need to subsequently turn in additional forms for subsequent CS courses.

Students with Disabilities: Reasonable accommodation will gladly be provided to the known disabilities of students in the class. Please let the instructor know the situation as soon as possible. If you wish to qualify for exemptions under the Americans with Disabilities Act (ADA), you should also notify the Center for Disabled Students Services, 160 Union Building.
Appeals Procedures

Appeals of Grades and other Academic Actions
If a student believes that an academic action is arbitrary and capricious he/she should discuss the action with the involved faculty member and attempt to resolve. If unable to resolve, the student may appeal the action in accordance with the following procedure:
1. Appeal to Department Chair (in writing) within 40 business days; chair must notify student of a decision within 15 days. If faculty member or student disagrees with decision, then,
2. Appeal to Academic Appeals Committee: see http://www.coe.utah.edu/appeals for members of committee and procedures. See II Section D, Code of Student Rights and Responsibilities for details on Academic Appeals Committee hearings.

Withdrawal Procedures

Drop Period – No Penalty
Students may DROP any class without penalty or permission during the FIRST TEN calendar days of the term (Wednesday, January 16, 2013).

Withdrawal from Full Term Length Classes
Students may WITHDRAW from classes without professor’s permission until Friday, March 1, 2013. Please note that a “W” will appear on the transcript and tuition will be charged. Refer to Class Schedule, Tuition and Fees for tuition information.

Withdrawal from Session I and Session II
See the web page, for details: http://registrar.utah.edu/academic-calendars/spring2013.php
Withdrawals after March 1 will only be granted due to compelling, nonacademic emergencies. A petition and supporting documentation must be submitted to the Dean’s Office, 1610 Warnock Engineering Building or University College (450 SSB) if you are a pre-major. Petitions must be received before the last day of classes (before finals week).

Adding Classes
Please read carefully: All classes must be added within two weeks of the beginning of the semester (deadline: January 21, 2013). Late adds will be allowed January 22 through January 28, 2013, requiring only the instructor’s signature. Any request to add a class after January 28 will require signatures from the instructor, department, and dean, and need to be accompanied by a petition letter to the Dean's office.

A $50 Per Class FEE WILL BE ASSESSED BY THE REGISTRAR’S OFFICE FOR ADDING CLASSES AFTER January 28.

Americans with Disabilities Act (ADA)
The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you need accommodations in a class, reasonable prior notice needs to be given to the instructor and to the Center for Disability Services, 162 Olpin Union, 581-5020 (V/TDD) to make arrangements for accommodations. All written information in a course can be made available in alternative format with prior notification to the Center for Disability Services.

Repeating Courses
When a College of Engineering class is taken more than once, only the grade for the second attempt is counted. Grades of W, I, or V on the student’s record count as having taken the class. Some departments enforce these guidelines for other courses as well (e.g., calculus, physics). See an advisor or departmental handbook. Students should note that anyone who takes a required class twice and does not have a satisfactory grade the second time may not be able to graduate.