Math 1030Q - Discrete Mathematics

Course Information
Last updated August 25,2008

Instructor: **Lucas David-Roesler**

Section 007: TuTh 8:00-9:15AM/ CAST 206
Section 008: TuTh 3:30-4:45PM/ MSB 403

Course Information: For detailed course information please see the syllabus **here** (PDF). I have summarized some of the important information below.

Lectures: See the syllabus for a schedule of lectures.

Homework: See the syllabus for a list of selected homework problems.

Quizzes and Exams: There will be quizzes weekly. All quizzes and exams will be closed book. There will be no makeup's for missed work; an unexcused absence will be given a grade of 0. There will be 3 in-class exams and a Final exam.

- The first exam will be **September 18** during lecture time.
- The second exam will be **October 16** during lecture time.
- The third exam will be **November 13** during lecture time.
- The final exam will be **Thursday December 11, 10:30 -12:30 BPB 131**

Cell phones, computer etc. are not allowed in the exams. Bring your student ID.
There will be no make-up exams.

Grading: Final grades will be computed as follows:

Best two (2) exams:	25 %
Worst exam:	10 %
Quizzes:	15 %
Final Exam:	25 %
Group Project:	20 %
Participation:	5 %
	100 %

Group Project:

There will be a group project due at the end of the semester that will consist of a written report and a short 10 minute in-class presentation. Groups should consist of no more than four (4) students. A list of topics will be given after the second test. Outside reading and research is expected and proper citations

given for all resources used. You will not be able to properly complete the project without outside sources and will not receive a passing grade on the project without proper citations. The project will be graded on the written report, my review of the in-class presentation, and your own review of the project.

Academic Integrity: (From the **UConn Policy on Academic Misconduct**)

A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and acknowledgment of the work and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned.

Academic misconduct includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for academic evaluation (e.g. papers, projects, examinations and assessments - whether online or in class); presenting, as one's own, the ideas, words or calculations of another for academic evaluation; doing unauthorized academic work for which another person will receive credit or be evaluated; using unauthorized aids in preparing work for evaluation (e.g. unauthorized formula sheets, unauthorized calculators, unauthorized programs or formulas loaded into your calculator, etc.); and presenting the same or substantially the same papers or projects in two or more courses without the explicit permission of the instructors involved.

A student who knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation, and shall be subject to the sanctions and other remedies described in The Student Code. Sanctions shall include, but are not limited to, a letter sent to the Dean of Students of the University; a grade of 0 on the assignment, quiz or exam; a grade of F for the course.

Group Projects:

- **Elections Project** (PDF)
- **Bank Project** (PDF)
- **Probability Project** (PDF)

Handouts:

- **Syllabus** (PDF)
- **Handout 1.1** (PDF)
- **Handout 1.2** (PDF)
- **Handout 1.3** (PDF)
- **Handout 1.4** (PDF)
- **Handout 2.1** (PDF)
- **Handout 2.2** (PDF)
- **Handout 3.1** (PDF)
- **Handout 3.2** (PDF)
- **Handout 3.3** (PDF)
- **Handout 3.4** (PDF)
- **Handout 3.5** (PDF)
- **Handout 4.1** (PDF)
- **Handout 4.3** (PDF)
- **Handout 4.4** (PDF)
- **Handout 4.5** (PDF)
- **Handout 4.6** (PDF)

- **Handout Bayes' Theorem** (PDF)
- **Group Work 1: Probability** (PDF)
- **Handout 4.7** (PDF)
- **Handout 4.8** (PDF)

Quizzes:

- **Example Quiz** (PDF)
- **Quiz 1 Solution** (PDF)
- **Quiz 2 Solution** (PDF)
- **Quiz 3 Solution** (PDF)
- **Quiz 4 Solution** (PDF)
- **Quiz 5 Solution** (PDF)
- **Quiz 6 Solution** (PDF)

Exams:

- **Practice Exam 1 Solutions** (PDF)
- **Exam 1 Solutions** (PDF)
- **Practice Exam 2 Solutions** (PDF)
- **Exam 2 Solutions** (PDF)
- **Practice Exam 3 Solutions** (PDF)
- **Exam 3 Solutions** (PDF)
- **Practice Final Exam Solutions** (PDF)

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