

# Math 30123 – Discrete Mathematics II

Fall 2011, TUC 138  
MWF 2:00 – 2:50 pm

## Professor:

Dr. Efton Park  
TUC 313  
817-257-6345  
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## Office Hours:

1:00 – 2:00 pm MWF  
also by appointment

## Required Textbook:

Joan M. Aldous and Robin J. Wilson, *Graphs and Applications: An Introductory Approach*

## Course Description:

Miscellaneous topics in discrete mathematics. Topics covered include recurrence relations, the principle of inclusion-exclusion, binary relations, graphs and trees and Boolean algebra.

## Purpose of Course:

This course currently meets all or part of the following requirements for a degree:

- TCU Core Curriculum mathematics requirement
- Requirement or elective for other majors

## Prerequisites:

MATH 20123 – Discrete Mathematics I

## Course Format

Your grade will be determined by your performance on three exams during the semester, regular homework assignments, and a cumulative final exam.

### Exams:

The exam dates are

Exam 1:	Friday, September 9
Exam 2:	Friday, October 7
Exam 3:	Friday, November 11
Final Exam	Monday, December 12, 3:00 – 5:30 pm

If you have an official university absence that falls on an exam date, you must notify me in advance. In the case of illness on an exam date, contact me as soon as you know that you will be unable to take the exam.

### Homework:

All homework assignments will be posted at <http://faculty.tcu.edu/epark>. Be sure to make a note of the due dates – **no late homework will be accepted except in the case of a documented illness or an official university absence.**

### Attendance Policies:

I do not require attendance in my classes. However, many of the topics I cover in this class will not be in the textbook, so you will be at a decided disadvantage if you miss class. **If you miss class, even for a documented illness or official university absence, you are responsible for the topics covered on the days that you miss.**

### Grades:

Your final grade will be computed based on the following percentages:

Exam 1:	18%
Exam 2:	18%
Exam 3:	18%
Homework:	19%
Final Exam:	30%

Your final grade will be based on a 1000-point scale, and grades will be assigned according to this table:

1000 – 920	A
919 – 900	A-
899 – 880	B+
879 – 820	B
819 – 800	B-
799 – 780	C+
779 – 720	C
719 – 700	C-
699 – 680	D+
679 – 620	D
620 – 600	D-
599 – 0	F

## Miscellaneous Information

### Academic Misconduct (Section 3.4 from the TCU Student Handbook):

Any act that violates the academic integrity of the institution is considered academic misconduct. The procedures used to resolve suspected acts of academic misconduct are available in the offices of Academic Deans and the Office of Campus Life. Specific examples include, but are not limited to:

- Cheating: Copying from another student's test paper, laboratory report, other report, or computer files and listings; Using, during any academic exercise, material and/or devices not authorized by the person in charge of the test; Collaborating with or seeking aid from another student during a test or laboratory without permission; Knowingly using, buying, selling, stealing, transporting, or soliciting in its entirety or in part, the contents of a test or other assignment unauthorized for release; Substituting for another student or permitting another student to substitute for oneself.
- Plagiarism: The appropriation, theft, purchase or obtaining by any means another's work, and the unacknowledged submission or incorporation of that work as one's own offered for credit. Appropriation includes the quoting or paraphrasing of another's work without giving credit therefore.
- Collusion: The unauthorized collaboration with another in preparing work offered for credit.

**Disabilities Statement:**

Texas Christian University complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 regarding students with disabilities. Eligible students seeking accommodations should contact the Coordinator of Student Disabilities Services in the Center for Academic Services located in Sadler Hall, 1010. Accommodations are not retroactive, therefore, students should contact the Coordinator as soon as possible in the term for which they are seeking accommodations. Further information can be obtained from the Center for Academic Services, TCU Box 297710, Fort Worth, TX 76129, or at (817) 257-6567.

Adequate time must be allowed to arrange accommodations and accommodations are not retroactive; therefore, students should contact the Coordinator as soon as possible in the academic term for which they are seeking accommodations. *Each eligible student is responsible for presenting relevant, verifiable, professional documentation and/or assessment reports to the Coordinator.* Guidelines for documentation may be found at [http://www.acs.tcu.edu/disability\\_documentation.asp](http://www.acs.tcu.edu/disability_documentation.asp).

Students with emergency medical information or needing special arrangements in case a building must be evacuated should discuss this information with their instructor/professor as soon as possible.

**Email Notification:**

Only your official TCU student email address will be used for course announcements. It is your responsibility to check your TCU email on a regular basis.