

MATH 151 Course Outline Sections A01/A03, Spring 2012

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Course Content: Counting, probability, random variables, systems of linear equations, matrices, linear programming, Markov chains, and financial math. Details can be found in the MATH 151 Handbook.

Textbook with MyMathLab Access: *Finite Mathematics and Its Applications* - Custom Ed. for MATH 151. Your textbook comes packaged with a PIN to access MyMathLab at www.mymathlab.com. You will need to have a PIN to access this program, and access is a requirement of the course. If you would like to purchase only the PIN (which will give you access to the e-text) then you are welcome to do so, but it is my belief that a hardcopy of the textbook will be an asset when doing homework and preparing for exams.

Handbook: The *2011 MATH 151 Handbook* is required for the course. It contains extra practice questions for each topic of the course, sample test questions, as well as final exams from previous terms. The questions in the handbook should be done in addition to the practice questions assigned from your textbook, and will provide you with problems that require the level of understanding that will be needed for success in the course.

Calculators: The Department of Mathematics & Statistics requires that in any class in which a calculator is permitted, only the **Sharp EL-510R** be used. MATH 151 will require the use of this calculator, and only this calculator. During examinations, no other electronic device will be permitted, including cell phones, ipods, etc.

Math Assistance: If you need assistance, you are encouraged to visit me during office hours or to go to one of the **Math Assistance Centres** (locations and hours of operation are posted at www.math.uvic.ca). The Department of Mathematics and Statistics (in SSM A425) also maintains a list of private tutors.

Homework and Practice: It can not be emphasized enough that practicing the mathematics that you learn in class is the most important thing you can do to be successful in this course. There are many ways for you to do this, some of which will be for marks and some of which will not. Your textbook contains practice questions at the end of each section, at a variety of difficulty levels. The Course Handbook also contains practice questions and practice tests for each topic, at a difficulty level that goes beyond that provided by the textbook, and at a level that is comparable to what you can expect on examinations. In addition, MyMathLab provides a comprehensive study plan that will help you to master the course material by providing you with practice problems and guidance when you get stuck. It also includes many video tutorials that you may find helpful. Questions similar to both the textbook questions and the Handbook questions will be assigned weekly on online assignments and online quizzes.

Online Assignments and Quizzes: Approximately weekly, you will be given an online assignment and an online quiz on MyMathLab. The intention of these assignments and quizzes is to provide you with enough practice and feedback to help you be successful in MATH 151. Although the assignments and quizzes will count towards your grade, please keep in mind that the primary reason for implementing MyMathLab is to help you to regularly find out what you know and what you need to work harder on. My hope is that you will use MML as a learning tool and use it to your best advantage to reach the level of success that you are striving for. For this reason, you will be given the opportunity to make several attempts at each assignment until you reach a comfortable level of success. But there is a catch: You must earn a minimum of 70% on an assignment in order to be able to take the weekly quiz on that topic! The intention of this is to make sure you have studied and learned the material in each section prior to attempting a quiz. Quizzes should be viewed as short tests that are

taken outside of class time: For each quiz, you will only have a single attempt and will have a time limit of 60 minutes. If you find that you need more help on a topic before or after taking a quiz, there is a study plan within MML that you can use to work on practice problems until you are comfortable with the material.

You will get immediate feedback on how you did on your assignments and quizzes once you have completed them. You will also have access to solutions after the due date has passed. The assignments will count towards 5% of your grade, and the quizzes will count towards 15% of your grade.

If a problem arises (such as sickness) that prevents you from completing an assignment or quiz, you must notify me as soon as possible to arrange for either an exemption or an extension, as appropriate. No exemptions or extensions will be granted if arrangements are not made in a timely manner (usually in advance).

In-class Tests: You will be given two 50-minute tests, to be written in class. Each test will be worth 15% of your grade. Details on the coverage and format of each test will be given in class.

There are no make-up tests. If you miss a test due to illness, accident, or family affliction, you will be given an exemption from it provided you notify me as soon as possible and provide supporting documentation (such as from a doctor or counsellor). In the event that you are given an exemption from a test, your course score will be calculated out of the remaining course components.

Once marked, tests will be returned in class or can be claimed during office hours. If you have a question or concern about your mark, you must bring it to my attention within one week of the date when it was returned in class. Any term work that is not collected by the end of the term will be recycled.

Final Examination: The 3-hour comprehensive final examination will be scheduled by Records to occur during the final examination period. Please see the Department of Mathematics & Statistics Course Policy document for important final examination policy information.

Under NO circumstances will a student be granted deferred status in the course if they have not completed the majority of course work (reasonably successfully) or if they have been absent from class for a substantial portion of the term.

Method of Evaluation:

COMPONENT	DATE	COVERAGE	WEIGHT
Assignments	Weekly	TBA	5%
Quizzes	Weekly	TBA	15%
Test 1	February 9, 2012	TBA	15%
Test 2	March 22, 2012	TBA	15%
Final Examination	TBA	Cumulative	50%

The conversion table that will be used to assign letter grades is:

Letter Grade	A+	A	A-	B+	B	B-	C+	C	D
Lower Bound	90%	85%	80%	75%	70%	65%	60%	55%	50%

MATH 151 is a multi-section course. In order to ensure fairness to students, all sections of the course will be using the same method of evaluation described above. In addition, consistent testing standards across sections will be maintained. All sections will write the same final examination, and all sections will have the same weekly assignments and quizzes.

Other Policies: Please see the attached document titled *Important Course Policy Information*.