

Course Syllabus for MATH 230 Online

COURSE NAME	TERM/YEAR:
Introduction to Finite Mathematics	Fall 2020

CALENDAR DESCRIPTION:

This course develops an understanding of fundamental mathematical concepts from elementary number theory, elementary probability & statistics, and elementary geometry. It develops facility with fundamental mathematical practices such as problem solving, identifying patterns, using models, and reasoning and communicating. The course focuses on developing a healthy attitude about mathematics and the confidence to learn and do mathematics beyond this course.

COURSE DESCRIPTION:

This 7-week course will emphasize conceptual understanding without neglecting computational competency. Classes are small and offer individual attention to each student, as well as the opportunity for purposeful discussion. Two-variable linear programming will enable the students to hone their problem-solving skills.

Course Pre-requisite(s):

Pre-Calculus 11 or Foundations Math 11 or equivalent.

LEARNING OUTCOMES:

Upon completion of this course, it is expected that students will have a fundamental knowledge of:

- elementary Euclidean geometry,
- number sets and operations,
- two-variable linear programming,
- types of interest and amortizations,
- elementary probabilities and basic applications of the normal distribution of data.

REUIRED TEXTS & RESOURCES:

Finite Mathematics: An Applied Approach, 11th Edition Binder Ready Version. Michael Sullivan.
ISBN : 978-0-470-87639-8

or

Wiley E-Text: Finite Mathematics: An Applied Approach, 11th Edition. Michael Sullivan.
ISBN : 978-0-470-91406-9

Available at <http://ca.wiley.com/WileyCDA/>

Additional resources will be provided as needed.

COURSE REQUIREMENTS:

All students are expected to:

- view all lectures posted
- complete weekly quizzes posted on Canvas (Google Chrome web browser is recommended)
- complete the midterm examination posted during Week 4 on Canvas
- complete the final examination on Canvas during the week following the last day of classes.

GRADE DISTRIBUTION:

The grading schema for the course is as follows:

	GRADE %
Quizzes	50
Mid-Term Examination	10
Final Examination *	40

* If a students’ final exam grade is lower by greater than 25% from their course grade prior to the final examination, then the final examination mark counts for 100% of the course grade.

COURSE POLICIES

It is the responsibility of every student to read and understand the College Policies. The College Policies on [Academic Honesty](#), [Academic and Exam Accommodations](#), [Grading Practices](#), [Student Conduct](#), [Technology Usage](#), [Final Examination Policy](#) and more can be found here: <http://corpuschristi.ca/about-us/academic-policies>. Please refer the appendix pages of this course syllabus for further information.

CLASS PARTICIPATION AND ASSIGNMENTS:

To satisfy the requirements of this course, students will participate online discussions and complete weekly quizzes, a midterm examination and a final examination on the Canvas website.

MISSED ASSIGNMENTS:

A student who misses an assignment or examination must provide medical documentation or evidence of a serious impediment as per the College’s policies. In the rare event of a technical issue with the Canvas website, students are expected to utilize the Canvas help features and contact the instructor.

GRADING SCALE:

LETTER GRADE	NUMERICAL EQUIVALENTS	GRADE POINT	GRASP OF SUBJECT MATTER	OTHER QUALITIES EXPECTED OF STUDENTS
A RANGE:		Excellent: Student shows original thinking, analytic and synthetic ability, critical evaluations, broad knowledge base.		
A+	90-100	4.33	Extraordinary	Strong evidence of original thought, of analytic and synthetic ability; sound and penetrating critical evaluations which identify assumptions of those they study as well as their own; mastery of an extensive knowledge base. Superior grasp of subject matter with sound critical evaluations; evidence of extensive knowledge base.
A	85-89	4.0	Excellent	Clear evidence of original thinking, of analytic and synthetic ability; sound critical evaluations; broad knowledge base. Strong grasp of subject matter with sound critical evaluations; evidence of broad knowledge base.
A-	80-84	3.67	Very, very good	
B RANGE:		Good: Student shows critical capacity and analytic ability, understanding of relevant issues, familiarity with the literature.		
B+	76-79	3.33	Very good	Good critical capacity and analytic ability; reasonable understanding of relevant issues; good evidence of familiarity with literature
B	72-75	3.0	Good	
B-	68-71	2.67	Satisfactory	Adequate critical capacity and analytic ability; reasonable understanding of relevant issues; evidence of familiarity with literature.
C RANGE		Acceptable to minimum.		
C+	64-67	2.33	Acceptable	Very basic critical capacity and analytic ability; some understanding of relevant issues; some evidence of familiarity with literature.
C	60-63	2.0	Barely Acceptable	
C-	55-59	1.67	Needs Improvement	
D	50-54	1.0	Minimum Pass	
FAILED				
F	0-49	0		Failure to meet the above criteria

Appendix

RECOMMENDATIONS FOR RELATED COURSES AT CORPUS CHRISTI COLLEGE:

Students in this course should consider the Bachelor of Arts program offered by St. Mark's College.

Credit transferability: Consult <http://www.bctransferguide.ca>

Canvas: Canvas will be used to post problem sets, assignments, as well as course materials. A Q&A Forum will provide the students with the opportunity to ask questions online and to cooperate with each other in seeking solutions to those questions.

Calculator: Only basic non-programmable, non-graphing scientific calculators will be permitted for use in this course.

CORPUS CHRISTI COLLEGE ACADEMIC POLICIES RE CLASSROOM PRACTICES

Progress Reports to Students (Fair Warning)

Students must receive the results of a major test, assignment, or collection of smaller assignments before the end of the fourth week of classes. These results should account for a minimum of 20% of the final course mark.

Missed Tests and In-Class Assignments

If a student misses a test or assignment because of unexpected illness, he or she must bring to the instructor a note signed by a physician stating the date and time of the visit to the doctor's office in order to be allowed to re-sit the test or assignment. Instructors are not required to make allowance for any missed test or incomplete work that is not satisfactorily accounted for.

Attendance

Students are expected to access Canvas at least once a week.

Late Papers

Late papers will have a percentage deducted at the discretion of the instructor. Papers that are more than two weeks late will be returned ungraded unless an extension has been granted. If students seek an extension from their instructor, they must do so before the assignment is due. Term papers will not be accepted after the last day of classes in that term.

Inappropriate Collaboration

Unless the collaborate element is expressly part of the assignment or examination, students should not collaborate with each other without prior approval of the instructor. Inappropriate collaboration includes but not limited to: using another person's work to complete an assignment; working together on assignments such as weekly online quizzes and problem sets, sharing sources for take-home examinations; allowing another student to copy a test, examination, or assignment, or otherwise abetting any act of academic misconduct.

Cheating

Cheating is any act of deception by which a student misrepresents that he/she has understood or mastered information in an academic exercise. This includes copying from another student's examination, test or quiz, or using in examinations, tests or quizzes any materials (notes, books, or electronic devices) other than those authorized by the examiners. Other forms of cheating include discussing questions or answers during an examination or test without prior approval from the instructor. It is also considered cheating to consult an instructor's teaching materials without the instructor's approval.

CORPUS CHRISTI COLLEGE FINAL EXAMINATION POLICY

Final Examination Information

- A final examination will account for no less than 20% and no more than 40% of a student's final grade in a course.
- Final examinations will only be given during the scheduled examination period.
- The final examination schedule will be published by the Office of the Registrar a minimum of three weeks before the final day of classes.
- Final Examinations are normally scheduled for three hours.
- Students will not be required to write more than two Corpus Christi College final examinations in a 24-hour period.

Conduct of Students in Final Examinations

- Students must present appropriate identification upon entering the examination site. Appropriate identification is defined as a student identification card or a piece of government issued photo ID.
- Students are not entitled to write a final examination if they enter the site more than 30 minutes after the scheduled examination start time, nor are students permitted to leave the examination site within 30 minutes of the examination's start time.
- Students must not leave their seat or the examination site without permission of the invigilator. Students leaving the examination site before the conclusion of the examination without permission of the invigilator may forfeit their right to return to the examination site.
- No books, papers, materials or devices may be in the possession of a student in the examination site except by permission of the invigilator. Laptop computers, tablets, mobile phones, handheld electronic devices, or like devices must be powered down and may not be in the possession of a student in the examination site without the express permission of the invigilator.
- Food and beverages, other than water, are not permitted in the examination room, unless permitted by the invigilator.
- Students must not communicate in any way with other students in the examination site. Students who are suspected of communicating in any form with another student in the examination room or with an individual outside of the examination room will be required to leave the examination site immediately and will forfeit their right to have the examination evaluated.
- Students may ask questions in the examination by signalling the invigilator in a manner which does not disrupt other students.
- No material relating to the examination may be removed from the examination site without permission of the invigilator. Students must turn in all examination materials, including rough work and notes, upon leaving the examination site. Under no circumstances will College examination booklets be removed from the examination site.

Class Attendance and Final Examinations

The College regards class attendance as an important contributor to academic success. At the discretion of a faculty member, students who miss 25% or more of their classes, regardless of whether the absences are avoidable or unavoidable, may be excluded from the final exam. This policy also applies to online courses.

Successful Completion of Final Examinations

At the discretion of the faculty member and with the approval of the Dean, a student may be required to pass a final examination in order to receive a passing grade in the course. This requirement must be clearly outlined in the course syllabus.

Missed Final Examinations

A student who is unable to attend the final examination must notify the faculty member (and copy the Dean) to provide a satisfactory explanation and/or documentation within 48 hours of the missed scheduled final examination time and request the possibility of a make-up examination. The student will receive an "I" standing in the course. If appropriate, the faculty member may reschedule the final examination. All make up work must be completed within three weeks of the end of term or the grade will be changed to "F". If students cannot provide adequate documentation explaining their absence, they will receive an "F" standing in the course. Students who miss a make-up exam will not be given further consideration.

Religious Holiday / Final Examination Schedule

The College recognizes that students may find themselves, for religious reasons, unable to write a final examination as scheduled. In these circumstances, students are expected to notify the faculty member and the Dean at least four weeks prior to the scheduled date of the final examination. Alternate arrangements may be made to reschedule the examination or evaluate the student by other means.

Academic Accommodation for Final Examinations

The College will provide academic accommodations as per its policy on Academic Accommodation for Students with Special Needs and may provide alternate arrangements for students with a documented disability. All accommodations for final examinations will be reasonable and appropriate to meet the student's documented requirements.

Student Access to Final Examinations

Students may have supervised access to their final examinations after the final grade for the course has been released. Access to the final examination will, on the written request by the student within 30 days of the final grades being released, be supervised in a confidential setting by the faculty member of the course or a designate. At no time is a student permitted to retain a copy of the final examination, nor copy, photograph or reproduce the exam in any way. A review of the final examination is strictly for pedagogical purposes in order to provide feedback on the examination and performance in the course. At no time does the review constitute a reassessment of the grading of the examination or the final grade in the course. A student wishing to seek reassessment of the examination or final grade in the course must follow the procedure outlined in the College's policy on Academic Appeals.

Collection, Use and Storage of Final Examinations

Final Examinations are the property of the College and are retained for a period of one year from the date of the exam. Final examinations are to be collected from faculty by the Dean's Office at the end of each final examination period and are to be stored in a secure location. Final examinations are retained and may be accessed for the purposes of academic appeal, course review, and/or review of a final examination with a student. Final examinations are shredded or destroyed after one year as per the College's record retention practices.