

Course ID:	Course Title:	Fall 2020
MA 110	Introduction to Mathematics for Business	Prerequisite: Math 30
		Credits: 3

Class Information		Instructor Information		Important Dates	
Days:	Tue, Thur	Instructor:	John Wiest, M.Sc., B.Sc.	First day of classes:	Sept. 9, 2020
Time:	10:00AM–11:15 AM	Email:	jwiest@ambrose.edu	Last day to add/drop, or change to audit:	Sept. 20, 2020
Room:	A2131	Phone:	403-410-6915	Last day to request revised exam:	Nov. 2, 2020
Lab/ Tutorial:	Tue: 1:30 PM-3:00PM	Office:	L2115	Last day to withdraw from course:	Nov. 20, 2020
	Online	Office Hours:	Tuesdays, 12:30 PM	Last day to apply for coursework extension:	Nov. 23, 2020
Final Exam:	TBA			Last day of classes:	Dec. 14, 2020

Course Description

Basic concepts in mathematics with applications in business. Topics include linear systems, quadratics, sequences, exponential and logarithmic functions. Applications include compound interest, annuities, and linear programming.

The course consists of 2½ hours of lecture and 1¼ hour of lab/tutorial per week. The course will include 8 to 10 lab assignments to be completed online, two in-class tests, a Midterm, and a Final Exam, as well as some small assessments during tutorial times. The lab assignments will be based on the connect website associated with your course textbook. The Final Exam will be cumulative, although emphasis will be places on materials covered following the Midterm Exam

Expected Learning Outcomes

It is the aim of the course that students acquire the following skills:

1. Understanding of basic mathematics involving fractions, decimals, ratios, proportions, and algebra
2. Understanding of concepts specifically related to business mathematics
3. Ability to identify and apply correct mathematics strategies and formulas to solve problems related to business mathematics

4. Ability to perform correct calculations related to specific business math applications

Textbooks

Business Mathematics IN CANADA, 9th edition,

F. Ernest Jerome & Tracy Worswick

ISBN: 978-1-25-985616-7

Course Schedule

The specific timing of the course will depend on the class progression. The order of the topics covered will be

1. Review and applications of Basic Mathematics
2. Algebra and Linear Equations
3. Applications of Ratios and Proportions
4. Applications of Linear Equations
5. Simple and Compound interest
6. Ordinary Annuities and Annuities due
7. Loan Amortization
8. Investments

Requirements:

It is highly recommended that all students have a calculator that is capable of financial mathematics including such functions as compound interest, present value, amortizations, and so on. The official calculator of the course is the Texas Instruments BA II PLUS. Students should obtain a calculator with similar functions.

Students are expected to actively participate in and take ownership of their own learning. It is expected that students will be trying sample problems on their own and keeping up with course materials as covered in the textbook.

You will be required to obtain a *Connect*TM access code which will be needed to gain access to the online assignments. The link you will need for the course *Connect* page is <https://connect.mheducation.com/class/w-john-fall-2020-12>. The bookstore has a limited number of hard copies of the textbook which should come with a bundled access code (DON'T THROW IT OUT); however, you don't really need the hardcopy if you go to the *Connect* webpage and purchase an access code online. The *Connect* page will let you read an e-book copy of the text. The Ambrose bookstore was told to expect most students to take this route and thus has a very limited number of hardcopies in reserve for students who really feel they would learn better reading from a textbook rather than on a computer.

Attendance:

Students are expected to attend all lectures and tutorials to ensure success on exams, and assignments. Students not attending lectures may find themselves missing information not covered in the textbook. Any student who is absent for an exam or quiz should speak to the professor and, where possible, provide a doctor's note.

Grade Summary:

The available letters for course grades are as follows:

<u>Letter Grade</u>	<u>Percentage</u>	<u>Description</u>
A+	96-100%	
A	91-95%	Excellent
A-	87-90%	
B+	83-86%	
B	79-82%	Good
B-	73-78%	
C+	69-72%	
C	64-68%	Satisfactory
C-	59-63%	
D+	55%-58%	
D	50-54%	Minimal Pass
F	Below 50%	Failure

Online Labs	30%
Tests	20%
Midterm	20%
Final	30%

Because of the nature of the Alpha 4.00 system, there can be no uniform University-wide conversion scale. The relationship between raw scores (e.g. percentages) and the resultant letter grade will depend on the nature of the course and the instructor's assessment of the level of each class, compared to similar classes taught previously.

Please note that final grades will be available on student registration system. Printed grade sheets are not mailed out.

Other:

October 6:	Test 1
October 7:	Deeper Life Conference (No daytime Classes)
October 12:	Thanksgiving Day (No Classes)
October 27:	Midterm Exam
November 9-14:	Reading Week (No Classes)
November 24:	Test 2

Ambrose University Academic Policies:

Communication

All students have received an Ambrose e-mail account upon registration. It is the student's responsibility to check this account regularly as the Ambrose email system will be the professor's instrument for notifying students of important matters (cancelled class sessions, extensions, requested appointments, etc.) between class sessions. If students do not wish to use their Ambrose accounts, they will need to forward all messages from the Ambrose account to another personal account.

Registration

During the **Registration Revision Period** students may enter a course without permission, change the designation of any class from credit to audit and /or voluntary withdraw from a course without financial or academic penalty or record. Courses should be added or dropped on the student portal by the deadline date; please consult the List of Important Dates. After that date, the original status remains and the student is responsible for related fees.

Students intending to withdraw from a course after the Registration Revision Period must apply to the Office of the Registrar by submitting a "Request to Withdraw from a Course" form or by sending an email to the Registrar's Office by the **Withdrawal Deadline**; please consult the List of Important Dates on the my.ambrose.edu website. Students will not receive a tuition refund for courses from which they withdraw after the Registration Revision period. A grade of "W" will appear on their transcript.

Students wishing to withdraw from a course, but who fail to do so by the applicable date, will receive the grade earned in accordance with the course syllabus. A student obliged to withdraw from a course after the Withdrawal Deadline because of health or other reasons may apply to the Registrar for special consideration.

Exam Scheduling

Students, who find a conflict in their exam schedule must submit a Revised Examination Request form to the Registrar's Office by the deadline date; please consult the List of Important Dates. Requests will be considered for the following reasons only: 1) the scheduled final examination slot conflicts with another exam; 2) the student has three final exams within three consecutive exam time blocks; 3) the scheduled final exam slot conflicts with an exam at another institution; 4) extenuating circumstances. Travel is not considered a valid excuse for re-scheduling or missing a final exam.

Electronic Etiquette

Students are expected to treat their instructor, guest speakers, and fellow students with respect. It is disruptive to the learning goals of a course or seminar and disrespectful to fellow students and the instructor to use electronics for purposes unrelated to the course during a class session. Turn off all cell phones and other electronic devices during class. Laptops should be used for class-related purposes only. Do not use iPods, MP3 players, or headphones. Do not text, read, or send personal emails, go on Facebook or other social networks, search the internet, or play computer games during class. Some professors will not allow the use of any electronic devices in class. The professor has the right to disallow the student to use a

laptop in future lectures and/or to ask a student to withdraw from the session if s/he does not comply with this policy. Repeat offenders will be directed to the Dean. If you are expecting communication due to an emergency, please speak with the professor before the class begins.

Academic Policies

It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Academic Calendar. Personal information (information about an individual that may be used to identify that individual) may be required as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at privacy@ambrose.edu.

Extensions

Although extensions to coursework in the semester are at the discretion of the instructor, students may not turn in coursework for evaluation after the last day of the scheduled final examination period unless they have received permission for a course Extension from the Registrar's Office. Requests for course extensions or alternative examination time must be submitted to the Registrar's Office by the deadline date; please consult the List of Important Dates. Course extensions are only granted for serious issues that arise "due to circumstances beyond the student's control."

Appeal of Grade

An appeal for change of grade on any course work must be made to the course instructor within one week of receiving notification of the grade. An appeal for change of final grade must be submitted to the Registrar's Office in writing and providing the basis for appeal within 30 days of receiving notification of the final grade, providing the basis for appeal. A review fee of \$50.00 must accompany the appeal. If the appeal is sustained, the fee will be refunded.

Academic Integrity

We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Academic dishonesty is taken seriously at Ambrose University as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to acknowledge to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from the university. Students are expected to be familiar with the policies in the current Academic Calendar that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.

Note: Students are strongly advised to retain this syllabus for their records.