INSTRUCTOR: Ian McCance

EMAIL: imccance@cerritos.edu

TELEPHONE: (562) 860-2451 x3712

Email is the fastest way to get a hold of me.

WEBPAGE: http://cerritos.edu/imccance

OFFICE HOURS: MW 10:00-11:00 am, T 1:30-2:30

OFFICE: PST 214

TICKET #, TIME AND ROOM: 20538 TTh 9:00 am -10:50 am

PST 236

PREREQUISITE: Math 140 with a grade of C or higher (or equivalent).

REQUIRED TEXT AND MATERIALS: Barnett, Precalculus, Mc Graw Hill

STUDENT LEARNING OUTCOME:

A. Understand the properties of linear, non-linear and transcendental functions, and use them to evaluate expressions, solve equations, and solve applications

B. Explore and analyze conic sections

C. Be able to identify a geometric and arithmetic progression, and use the Binomial Theorem to expand the power of a binomial

D. Understand and use the principle of Mathematical Induction

CALCULATOR: Graphing calculator required. Graphing Calculator such as TI 83, TI 84, or TI 84 C is strongly suggested. Cell phones, ipads, pdas, tablets, etc. may not be used as a calculators.

Math Success Center: If you cannot make my office hours, the MSC is available for help with all of your math related questions. The MSC is located in the basement of the library in LC 137. Their hours of operation are M-Th 9 am - 7 pm, and F 10 am-2 pm. You are required to have a student id with a current sticker to use the MSC. You must also log in and out of the MSC for your hours to be recorded.

HOMEWORK: Homework will be assigned daily. Homework is there for two purposes, understanding the subject, and reinforcing the subject. After you understand something, you have about 24 hours to reinforce it before you will forget it. So don't wait to do the homework and don't just do the homework, understand it. The quality of your homework will reflect your grade. You also need to review your past HW daily. You will forget what you have learned if you do not review it. If you have questions about your homework, please see me in my office or visit the MSC.

Homework will be collected at the beginning of class on scheduled due dates (HD). Each homework collected is worth 6 points. If the homework is not complete, sloppy, or no work is shown, then you may receive 0-5 points. If you do not understand your homework and do not review past homework, then do not expect to pass this course. If you are more than 15 minutes late to class, then your homework is considered late. Late homework will only be accepted due to a documented extreme extenuating circumstance.

QUIZZES: You will have 11 short quizzes. Each quiz is worth 8 points. Quizzes are used to assess your knowledge of the course content prior to an exam. Treat them as a learning tool.

Make-up quizzes will only be given with documented extreme extenuating circumstance.
ATTENDANCE/PARTICIPATION: You must attend class every day in order to be successful in this course. It is also important for you to be on time. Attendance will be taken every day. If you are late or leave early, then it is your responsibility to let me know that you are present. "it is the student's responsibility to withdraw officially from a course." However, because of enrollment demand a student may be dropped by the instructor when not appearing at the first class meeting. A student may also be dropped for excessive absences when the total hours of absence exceed 10% of the total scheduled hours of the class." If more than 8 hours are missed, then you may be dropped. This means leaving early and arriving late will be counted towards the hours of absence.

If, due to unforeseen emergencies, I do not arrive at the scheduled start time of class, you are to remain in class for fifteen minutes. After that time, you may leave with no penalty for absence or assigned work due for that class meeting.

EXAMINATIONS: There will be four examinations and a final. Each examination will consist of the following: Exam #1 - Chapters 1, 2 Exam #2 - Chapters 3, 4 Exam #3 - Chapter 8, 9, 10, 11 Final- Comprehensive. All material contained on each exam, as well as the date of the exam, is subject to change.

Make-up exams will only be given with a documented extreme extenuating circumstance. You must contact me immediately if you know you will be missing an examination. You must contact me ASAP if an exam is missed. If possible, make-up exams must be completed before the next schedule class after the exam. A missed examination will be counted as a 0. Exams taken through DSPS must be scheduled a week in advance and must be scheduled for the same day as the in-class exam. If the exam is not scheduled a week in advance, then the exam may need to be taken in-class.

During quizzes or exams, it is your responsibility to make sure you have taken care of all personal needs before you are given a quiz or exam. If you need to leave the classroom for any reason during a quiz or exam, you will not be allowed to return to complete the rest of the quiz or exam. This policy also applies to restroom breaks. If you require special accommodations during testing, please contact DSPS to make any necessary arrangements.

COURSE GRADE: Grades will be determined from quizzes and examinations. Marks will be distributed as follows:

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<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>88</td>
<td>100% - 90% A, 89% - 80% B, 79% - 70% C, 69% - 60% D, 59% - 0% F.</td>
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<tr>
<td>Homework</td>
<td>66</td>
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<tr>
<td>Examinations</td>
<td>300</td>
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<td>Final Examination</td>
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<td><strong>Total</strong></td>
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DISABLED STUDENT PROGRAMS & SERVICES: Students with limitations due to a disability may receive support services and instruction from Disabled Student Programs and Services. Those students with mobility, visual, hearing, speech, psychological and other health impairments as well as learning and developmental disabilities are served. Disabled Student Programs and Services (DSPS) has been in operation at Cerritos since 1969. For information or an appointment call (562) 860-2451, extension 2335

ACADEMIC HONESTY: Students are expected to abide by ethical standards in preparing and presenting material. Academic dishonesty includes, but is not limited to, copying another person’s paper or homework, discussing answers during an examination, using notes without permission from the instructor, and allowing someone to copy your work. Lack of academic honesty may result in expulsion.

IMPORTANT DEADLINES: The last day to drop without a “W” is January 30th. The last day to withdraw with a “W” is April 24th. Last day to select "P/NP" is February 17th.
Bonus work, yes extra credit, due in one week (5 points).
You must complete everything below for the 5 points.

1. Make three friends in our class and take down their info. Friends are handy if you miss a class or if you just want a study buddy.

   Friend number 1:
   Name:_______________________________________________________
   Phone/email:_________________________________________________

   Friend number 2:
   Name:____________________________________________________
   Phone/email:_________________________________________________

   Friend number 3:
   Name:_______________________________________________________
   Phone/email:_________________________________________________

2. Agree on a common group meeting place. For example: coffee shop, fast food restaurant, library, laundry mat, park, abandoned house, vacant lot, large van… Study groups are very effective ways to review and learn material.

   _________________________________________________________

3. Find the success center and sign up for free tutoring. Get help with at least one homework question, and ask them very nicely to sign below.

   Signature of a tutor/Instructor________________________________________________________

4. Find some time daily to study math, this includes HW and review, and mark those hours below.

   EX. Monday 1pm-1:40pm , 5pm-6pm

   Hours required to pass a math/science class per day= 0.4(number of class units)=_______________
   (M-F only, for some reason textbooks seal shut on Weekends.)

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5. Buy a three ring binder and place just your printed math notes in it, in order. Label the binder Math and not College classes or Math/English/History/Art/Geography/Interpretive Dance, one binder per subject please. You must show me the completed folder in order to receive the 5 points.