

MAT 111 G1 (11322) - *PRE-CALCULUS*

Semester: Fall 2009

Credits: 4

Day / Time:	Wednesday	11:00 am - 12:15 pm	Room B 311
	Thursday	10:00 am - 11:15 am	Room F 319
	Friday	11:00 am - 12:15 pm	Room B 313

Assistant Professor: Paula Kreinbihl

Office / Phone: D3105 / (516) 572-7029

Office Hours: Wednesday 12:30 - 1:45 pm & Thursday 1:00 - 2:15 pm

E-Mail: Paula.Kreinbihl@ncc.edu

Website: <http://faculty.ncc.edu/kreinbp>

Math Office/Phone: B3028 / (516) 572-7383

Required Text:

Functions Modeling Change, 3rd Edition by E. Connally, Hughes-Hallett, Gleason, et al.

Required Calculator:

TI-83/84 Graphing Calculator is required.



Prerequisite for the Course:

At least a 75% average in three years of high school mathematics (including trigonometry) or at least a C in MAT 109.

Course Description:

This is a preparatory course for the study of calculus. The function concept plays a unifying role in the study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Modeling, using elementary functions, is stressed throughout the course, along with a basic philosophy of examining the function concept using the Rule of Four, i.e., every topic should be presented graphically, numerically, analytically, and verbally. Technological support using a graphing calculator or appropriate computer software is integrated throughout the semester.

Grading Criteria:

❖ **Tests:**

There will be **three** full-period tests. NO make up tests will be given and any missed test counts as a grade of zero. If a student misses one test then the **Final Exam** score will replace that test.

❖ **Quizzes /Homework:**

There will be **five** quizzes, each worth 25 points and based on homework assignments. NO make up quizzes will be given and any missed quiz counts as a grade of zero. The lowest quiz score will be dropped and the remaining four quizzes will be added to represent an additional test score. Homework is a necessary component to this class. The daily assignment given is the minimal number of problems that should be completed by the next class meeting.

❖ **Final Exam:**

The final exam will include topics covered throughout the semester. Students who have not missed any exams, quizzes or homework assignments, and have an **A** average (90 - 100), may be exempt from the final exam. The final exam will count as one test.

❖ **Final Grade:**

Your semester grade will be the average of the above scores. Grades will be assigned according to NCC policy:
A = 90-100 B+ = 85-89 B = 80-84 C+ = 75-79 C = 70-74 D+ = 65-69 D = 60-64 F = below 60

Withdrawals & Incompletes:

It is the **responsibility of the student to officially withdraw** from the course by filing a properly completed Drop/Add form with the Office of the Registrar. Students who wish to withdraw from this class **must meet with me** to complete this form. The last day for an automatic withdrawal is **Wednesday, November 4th** but you may request a “W” up until the return of the 3rd exam as long as I have signed a copy of the Drop/Add form; otherwise your grade will be calculated as outlined in “Grading Criteria”. **Any student who has taken at least one quiz or test and stops attending class will receive an “F” in the course.** Please refer to the Nassau Community College Catalog for more information. A grade of “Incomplete” is given only at the discretion of the professor. In such a case, the student must submit a request in writing. The request must explain the reason, include official documentation, identify the required work still outstanding, and state the dates by which the student expects to complete the work.

Student Responsibilities:

- ❖ All students are expected to show respect for all others at all times. All electronic devices such as cell phones should be turned off before entering class. In addition, there will be no late arrivals, no leaving the room and returning, no talking when other students or the professor is speaking. Failure to show respect is disruptive behavior. Students will be dropped from the class and given a grade of “W” for disruptive behavior as stated in NCC policy.
- ❖ Attending class is necessary in order to be successful in this course! Attendance will be taken at the beginning of each class. Any student who arrives after attendance is taken must see me after class to be marked late and will be given half an absence. A student with more than 6 absences and/or arrives late more than 4 times may be dropped from the course.
- ❖ Students are responsible (even if absent) for all material covered in class, all assignments, and any announcements made in class.
- ❖ Any student who copies or allows copying of any assignment, quiz, or exam will receive an automatic “F” as a final grade.
- ❖ Students should have a pencil or pen, a working calculator, notebook, and text book in order to be considered prepared for class. Calculators or any other items may not be shared.

Extra Help:

As part of this course, students should avail themselves of further study and/or educational assistance available in the Mathematics Learning Center B130. These activities and use of the resources provided are an important part of this course, and will help the student master necessary knowledge and skills. You are also encouraged to come to my office hours and I will be happy to help you.

Note concerning Students with Disabilities:

If you have-or suspect you have-a physical, psychological, medical or learning disability that may have an impact on your ability to carry out the assigned coursework, I urge you to contact the staff in The Center for Students with Disabilities, Building “U”, 572-7241. The counselors at CSD will review your concerns and determine with you what accommodations are necessary and appropriate. All information and documentation will be kept confidential.

Note concerning Placement:

As a student in this course you are responsible to verify that you are in the appropriate level math course based on your current math placement. The Math Department will not be responsible and will not waive the required prerequisite. If you are supposed to be registered for a remedial course, the department will correctly place you into the required remedial course when placement information becomes available. You will be responsible to learn the material that was covered in the course prior to the change. If you are unsure about your math placement, please speak to me at the end of class.

Welcome to this class and GOOD LUCK!
Prof. K.