

“Whatever you do, don’t do it half way.” -Bob Beamon

Materials

- Book: Calculus Graphical, Numerical and Algebraic by Finney *et al*
- The notebook can be anything you wish, but I have found that I now like **quad-ruled** to make graphing easier. You must have one location to put all of your materials. We will be having **notebook checks**.
- Pencils and an eraser. Can use a pen for taking notes if need to change colors.
- All work (homework, quizzes, and tests) is to be done in pencil to receive any credit.
- Calculator either TI-83, 83plus, 84, 84plus, 89, Nspire CX
- The calendar of assignments, etc. is on this web page: msconnollysclasses.yolasite.com If you click on the lower right corner of the google calender, you can link my calender to yours and see updates.
- You also must have an account with schoology.com (should already have due to summer assignment) and with assistments.org (Our district is the Diocese of Worcester, beyond that you should be able to follow through and join the class.)

Description/Objectives

This course will cover the necessary material in order to achieve success on the AP Calculus exam in the beginning of May, and give you a strong foundation for first semester calculus at college next year. We will be covering limits, derivatives, optimization, related rates, fundamental theorem, integrals, and volume. It will be important for you to be able to demonstrate the ability to perform calculations by hand, and on the calculator. The ability to demonstrate your knowledge in clear mathematical steps, and in written justifications of procedure will be used constantly.

Expectations/Rules

- Enter room, take out **book**, notebook, pencil, calculator and homework. You may not always use the book each day in class, but bring it anyway just in case.
- It is your responsibility to show me last night's homework at the beginning of class. I will walk around the room at the start of class to look on your desk. If it is not out and ready, I keep walking and you get a zero.
- Done completely and well is 5/5, missing 1 or 2 problems depending on length, or not attempting the problems in a good fashion, will result in a lower grade, either a 4/5, 3/5 or 0/5. If you continually show me less than adequate work you will get detentions. An assignment shown later the same day unless on the tardy list is also marked down. We do not make up work at the end of the quarter.
- We will go over the previous night's homework. Make sure you have checked your answers on line. You should have very specific questions concerning the problems you did not understand. If you had major problems and cannot understand what was done on any problem you should come see me as soon as possible, see extra help schedule.
- After the new topic for the day has been discussed the remaining time in class will be used to work on homework. Be sure you use this time.

Policies

An outline of the notes is available online at schoology.com, for you to print out if you wish. This can then be used as an outline of your notes. You will then write and fill in around this outline. Your notes and homework should be kept in one notebook in a dated and orderly fashion. I am looking for hand written or typed notes, not pictures.

You are not taking pictures of displayed work, write it down! This helps keep it in your head. After each days notes I should then find your homework for that night. I will be looking for this in a notebook check each quarter, and you will be graded on this.

There will be approximately 45-60 minutes of homework a night. If you are absent you can find the homework on line, by checking my website. Sometimes it will take longer, remember this is an AP level course. You will have to be the judge of if homework is taking to much time; can you afford not to finish that night, and still understand what is happening in class the next day. The remaining assignment should still be finished at a later date. I don't expect this to be a normal occurrence; it will not be good for your academic success.

Extra Help Schedule: Every day after school from 1:50 until 2:25. If I am not in the physics lab **wait**, I should be there shortly. It is much better to see me as soon as questions arise instead of waiting to see if you understand it after a couple of days.

Quizzes start when the bell to start class goes off. The quiz will be on the table at the front of the room. If you are late arriving you are only eating into your own time to take the quiz. If you are early you will have a little extra time. Tests will be given in the same manner.

Grades

Daily **homework** is your responsibility to show me at the start of every class. Each assignment I check will be worth 5 points. I will give some worksheets in each section to be handed in for a grade (normally given for about two days time), the worth of this will vary based on assignment. This will be graded on correct answers, and effort. If you were absent the assignment will be due immediately upon your return. If not handed in on time the grade will be reduced by 10% for each day it is late. Do not depend on me to remember when an assignment is due in class, whether I say to hand it in or not it is still due.

Quizzes will be in two different formats. Little "pop" quizzes usually on a single section or less. They will be anywhere between 30 seconds(rarely) to 20 minutes. Everything is timed. Learn to work under pressure and at a measured pace. These are worth 5 points a problem. Also there will be larger quizzes over around 3 sections of material, worth 5 points a problem. These will be announced with a few days warning. Expect to take the quiz you missed due to absence, the morning or afternoon of the day you get back. If you skip the time set up for retake without good reason and a note, a zero will be assigned. If you do not make up work within 2 days, for each day, of being absent you will receive a zero.

Tests will be given with at least two days notice. The test will be covering a chapter, or quite a few sections. These are worth 10 points a problem. They will be at least a full period in length, and will be graded and returned as soon as possible. A test must be made up within two days, for each day of absence, or a zero is assigned. Please come and see me as soon as possible to schedule a time for make up. There will not be very many of these in a quarter, beware (I will try to get in at least two tests a quarter).

If you have any questions or concerns over your child's progress, please e-mail me at maureen.connolly@holynome.net it is the easiest way to get in touch with me. You can

either get a response by e-mail, or can leave your number and times at which I can reach you.

Please sign and return to me. A copy is available on line for reference at my website and schoology.

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I have read and understand the course expectations for Ms Connolly’s class.

Signature of Student

_____ Date: _____

Signature of Parent

_____ Date: _____