



# AP Calculus Course Syllabus

**Instructor:** Ms. Delmonte

**Room:** 267

**School web page:** [www.monarchknights.com](http://www.monarchknights.com)

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**Text:** Larson/Edwards Calculus (AP Edition) (\$108.97)

**Calculator:** TI-84 PLUS (**Highly recommended**)

**COURSE CONTENT:** This course is a rigorous college level course and it will be taught accordingly – it will require a lot of hard work, determination, motivation and self-discipline to be successful.

## **Expected/Suggested Supplemental Materials:**

1. Writing utensil (Notes may be in pen, but tests, and quizzes **MUST** be done in pencil.)
2. Large notebook with paper (spiral notebooks **MUST** be the kind with perforated edges)
3. **TI-84 PLUS (for use at home)**

## **TEXT AND TECHNOLOGY:**

Our text combines appropriate use of technology with standard “paper and pencil” analytic techniques to provide a balanced approach to the study and implementation of Calculus. Technology using the TI-84 PLUS is fully integrated, rather than just added. In addition, the AP test contains a graphing calculator section, requiring students to be fully comfortable with its use. The text encourages graphical, numerical and algebraic modeling of functions as well as problem solving, conceptual understanding, and facility with technology. **Students who do not have a graphing calculator will be at a disadvantage when working and studying at home. Thus, a TI-Graphing Calculator is essential for the learning/teaching of this material/course. iPhones/ipods are NOT a substitute for a calculator.**

## **Daily Expectations/Rules:**

1. Be on time.
2. Be in your assigned seat and **ready to begin class** when the bell rings.
3. The following items are not allowed during class:
  - a) Hats and sunglasses
  - b) Radios, CD players, DVD players, ipods, etc.
  - c) **Cell phones (Should be on silent and put away.)**
4. Have homework completed and out **before** class starts.
5. Be prepared to participate, take notes, and work any problems assigned in class.
6. Treat all members of the class and the teacher with respect. You will be treated with respect in return.
7. **Do not give up!**

## **Grade Breakdown:**

- 90% Tests/Quizzes (This is a college-level course)**  
**10% Classwork/HW**

## Explanation of Grade Breakdown:

### Tests/Quizzes:

**Once again this is a college-level course, and the grading system is arranged to reflect that. Tests and quizzes will be the vast majority of your grade. Studying and being in class on time will be ESSENTIAL to success.** Tests will be given after each chapter has been completed and will be worth 100 points each. Occasionally two tests will be given for a chapter. You will be informed about a week prior to the test being given. We will review before each test. **Any tests missed and not made up will result in a zero.** It is the responsibility of the student to arrange to make up all missed work. Make-up tests will be given after school **only**. Days will be announced and written on the board at the beginning of the week. **Short quizzes will be given on an almost weekly basis as well, usually covering homework questions.**

### Homework:

You are responsible for completing all homework. Students can receive homework help in my room (267) one to two days a week from 2:45 to 3:45, or in the morning provided I do not have a meeting. In addition, homework help is available at [www.calcchat.com](http://www.calcchat.com).

### Classwork:

Classwork will be worth 10 points per day. Each day you choose not to do classwork and stay on task, you will earn a zero. Staying on task and doing classwork earns you a five. **You are responsible for all material covered in class, even if you are absent.**

### Passes:

Only one student will be allowed to leave the room at a time. Students not returning or staying out of the room for extended periods of time will lose classwork points along with any other disciplinary action deemed necessary. Students with any extenuating circumstances should see me privately. **Note that you will be responsible for any material covered in class while you are out of the room.**

### Academic Integrity:

Monarch Knights are **truthful, trustworthy**, and sincere. Knights are faithful to promises, no matter how big or small the promises may be. Knights understand the importance of upholding convictions at all times, especially when no one is watching. Therefore I put each of you on the Knights Honor Code and trust each of you wholeheartedly – until you give me reason not to!

**AP TESTING: Students in AP courses are REQUIRED to take the Advanced Placement Test in May. The AP test for Calculus will be given on Thursday May 5<sup>th</sup>, 2016.**

**In any math class, hard work and participation are absolutely necessary for success.** Please do not hesitate to see me with any problems or questions. Remember, you CAN succeed!

*“There are no secrets to success. It is the result of preparation, hard work, and learning from failure.”*