**Advanced Mathematical Decision Making**

 Coach Cannon

Room 1203

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**Course Description:**

**Unit 1:** Analyzing Numerical Data

**Unit 2**: Probability

**Unit 3:** Statistical Studies

**Unit 4**: Using Recursion in Models and Decision Making

**Unit 5**: Using Functions in Models and Decision Making

**Unit 6:** Decision Making in Finance

**Unit 7:** Networks and Graphs

\*Changes in material covered will be made as needed.

**Grading Procedure:**

Grades are cumulative. This means that all grades from the beginning of the semester until the end of the semester will be averaged together. Your grade will be calculated using the following weights:

|  |  |  |  |
| --- | --- | --- | --- |
| Daily: 10% | Quizzes: 30% | Tests: 40% | Final: 20% |

**What you need for class:**

1) 3-ring binder with plenty of paper

2) Writing utensils (pencils preferred)

3) Calculator (optional)

4) Agenda

**Classroom Entrance/Dismissal Procedure:**

When you enter the classroom you should be seated. There will always be something posted on the front board for you to read or do.

Students are to remain in their seats until the bell rings and should NOT line up at the door!

**Blog:**

Check my blog for information pertinent to this course:

www.coachgcannon.weebly.com

**Absences:**

Please do your best to be in class every day. In the event that you are absent, it is your responsibility to find out what you missed and make up your work.

**How do I do this?**

* Check the blog for daily lesson plans and electronic files or check the make-up folder when you come to class for any handouts that were distributed.
* Ask a classmate what you missed and copy any notes that were taken from their notes.
* Schedule a date/time to complete any quiz or test that may have been missed with me if applicable.

If you have questions over the material, then you need to make arrangements to see me during my scheduled tutoring hours. **You will be given the number of days you were absent (plus one day) to complete any make-up work** (for example, if you are absent for three days, you will be given 4 days to complete any make-up work). Work not turned in within this timeframe will be considered late. IT IS YOUR RESPONSIBILITY TO MAKE SURE YOU GET ALL OF YOUR WORK COMPLETED IN A TIMELY MANNER.

* **If you are absent on the day of a review, you are still required to take the quiz/test as scheduled unless prior arrangements have been made with Coach Cannon.**
* **If you have missed instruction, but are present for review day, you will be expected to take the quiz/test as scheduled.**
* **If you are absent on the day of a quiz/test, you will be expected to take the quiz/test on the day that you return to school.**

**Classwork & Practice Problems:**

It is expected that you complete practice problems and check your work before you leave. If you do not finish your practice problems in class, you should complete them at home. You should always complete additional practice problems as needed outside of class. Practice problems will not be graded, unless the teacher sees fit. **No late practice problems will be accepted, unless a student has been absent.**

My goal is to provide you with opportunities to demonstrate your mathematical understanding during class time. Classwork will be collected and graded as teacher sees fit. **Late classwork will be accepted for HALF credit.**

\*Students should come to see me if they are having trouble completing an assignment on time.

**Tutoring:**

Tutoring is available in the morning before school on Tuesday’s and Thursday’s from 7:45am – 8:15am. I will be more than happy to help you with material that you feel you could use further assistance with. However, if you are not doing what you are supposed to and are wasting time in class, I will not allow you to waste time outside of class. Please be proactive and schedule help before you fall behind!

**When attending tutoring…**

* Bring your binder and any handouts that pertain to the material you need help with.
* Have **SPECIFIC** questions/problems you would like to work. “Everything” is not an appropriate response when I ask you that you need help reviewing.

**Testing Procedure:**

I take testing very seriously. I REQUIRE you to use pencil or black pen on all quizzes and tests. ANY talking or use of electronic devices while ANY quiz/test is out may result in a grade of zero and disciplinary referral. You must write legibly! If I cannot read OR find your answer, it will be marked **incorrect**.

**Class Rules & Expectations:**

* Student Handbook rules apply
* Be respectful and kind
* Be on time
* Be responsible
* Be accountable for your actions
* Ask permission
* Take an active role in your education during class time

**Consequences for Violating the Rules:**

|  |  |  |
| --- | --- | --- |
| **1st offense** – Warning  | **2nd offense** –Detention and parent/guardian **c**ontacted | **3rd offense** – Office Referral |

**\*\*Repeated or major offenses will be subject to an immediate referral\*\***

You are ultimately responsible for your learning in this class. I will always be here to support you, but I cannot do it all for you. You MUST take ownership of your learning TODAY in order to be successful. Don’t wait until it’s too late to get your grade where you want it. Remember, communication is key. Tell me what you need in order to be successful. I want you to do the very best that you can.

I have read and understand the Advanced Mathematical Decision Making course syllabus. Date \_\_\_\_\_\_\_\_\_\_

Student Name (please print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent / Guardian (please print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Please show Coach Cannon these signatures by Friday, August 4th\*

\*\*Coach Cannon reserves the right to make minor policy adjustments throughout the semester\*\*