

Rubric/Expectations for Review Notecard

You will create a notecard as a study guide for the unit. I will collect the notecard from you on the day of the test. You MAY NOT use this notecard during the test, but I will return each notecard to you so you can use them to study cumulatively throughout the year and especially for our final exam and the Advanced Placement exam.

Goal of Creating a Notecard

To provide a structure for students to build good study habits in a challenging course that can be carried over to other coursework and their college experience.

Required Elements

Your notecard will include (but is not limited to) the following elements:

- 1) A **Title**. Please include The Number of the Unit, the Name of the unit and your name in a place where I can find it.
- 2) The **major topics** for the unit. You can use the Greatest Hits at the end of the unit as a resource for this.
- 3) A Breakdown of each of the major units into **smaller subsets**, explaining the different problem solving strategies/approaches within these subsets.
- 4) Important **definitions, theorems, rules, formulas**. You will add from the current unit AND you may choose to repeat some from earlier units.
- 5) **Examples** of problems, directions for type of problem and the Calculus you would do to complete these problems. Model language for how to write appropriate Calculus justifications for the work that you do.
- 6) **Tips/Tricks**/Things to remember. These may come from reflecting on your homework and class discussions. These may be study strategies that have worked for you in the past and you want to carry forward. These may be common mistakes you have noticed in looking back at past homework/assessments. These may be creative ways that you or peers/study-group-members remember/learn the material.
- 7) (only for certain units) **Calculator Skills** required for particular problems. We will be gaining familiarity with certain functions of the calculator and certain "short cuts" to help you to be efficient. In the moment it may seem like you will never forget what is shown in class, but remember that this course is cumulative and that you will *thank yourself* at the end of the year when you have these instructions and tips listed in an organized way.
- 8) **Your notecard must be turned in on time. No late cards will be accepted.**

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Grading

Because of the importance of this review/study strategy and preparation for exams in general, this assignment is weighted as **the final point** on each of your unit exams. If your exam is a 35-point exam, 34 points are earned by demonstrating proficiency with the Calculus you have learned and 1 point is earned from completing your Review Notecard and meeting the expectations as highlighted in the required elements. This means that if you do not complete your notecard and turn it in on time, you are forfeiting a point on your unit exam.

Exemplars and Academic Integrity

Exemplars of Review Notecards are available for you to look at on our class website. Each notecard that is created must be unique. While much of what students include will be similar and you are encouraged to collaborate in your studying, no 2 students are exactly the same and therefore no 2 notecards should be the same. Please review the student handbook for a refresher on plagiarism.

Suggestions from Students

- 1) This is FOR YOU...it's worth it to put in the effort!
- 2) Be detailed with your notecards.
- 3) Include the things you already know and make sure you include the things you DON'T KNOW because this is what you need to study/learn.
- 4) Imagine you have to teach the unit to the class using only the notecard as your notes for the presentation...
- 5) Do example problems on the back to help future you understand. Don't forget to include the simple and complex - Knowing the steps and doing an actual problem feels different...so make sure you include both!
- 6) Use the GRAPHIC ORGANIZER as a study guide...it will help you to figure out the main ideas.
- 7) ORGANIZATION is important - you want this to be useful! Use boxes. Group ideas. Underline subtopics. Use color...
- 8) JUSTIFICATIONS...make this a integral part of the notecard.
- 9) The check-in is really good feedback for the test...put information from the check-in on your notecard, especially the stuff that you missed.
- 10) Whatever you missed from the previous test, put it on the next notecard (better yet, go back and amend your earlier notecard)
- 11) Don't be afraid to write topics over and over that you need to keep using/knowing (the same way or in a different way...)