

AMDM - Math in My Future Project

The project counts as a major grade. Work not turned in on time will result in a loss of points: 10 % each calendar day.

OBJECTIVE: Determine the math requirements and prerequisites of the university you have an interest in attending.

TASK: You are to research the math requirements for the university and major that you are planning to pursue and create a power point presentation that presents your findings. If you are undecided or going to the military, choose Business at Georgia State University, Business at Clayton State or Business at Gordon. Using the current catalog for your school and major, find the math requirements for your degree. You are considered by colleges to be the class of 2018. All research *can be* done online. Find and document all of the following - for a university you hope to attend - in your presentation.

I. Math requirements

- a) Determine the math course you must start with as well as its prerequisites (if any).
- b) Is that starting math course a prerequisite for any of your freshman year courses? In other words, is completion of the first math course required before you can enroll in other required courses? (Science, engineering, health care, computer, and some business courses often have math prerequisites.) If so which classes is it a prerequisite for?
- c). Determine if the school has a placement test for math. Note that most placement tests do not award credit, instead they simply determine at which level you start. Find when you must take that test. (It is typically in the summer after graduation or right before your high school graduation.) Determine if the school will allow you to place out provided you have a suitable score on some standard test such as the SAT or SAT-II. If so, state if you meet that requirement.
- d) Determine the specific topics for the 1st college math course you are required to take. Does this course match any of the topics in this AMDM course: statistics, mathematical models, and finance? These topics may be found in a course with a title such as College Algebra – you must check content, not just a title.
Please be sure to be explicit in your findings.
- e) What math classes do you plan on taking when you go to college? Why will you be taking these classes? Why did you take AMDM this year?
- f) Is AMDM accepted as a math class in order to gain entrance to the college of your choice? (You may need to call the college Admission office to get this answer....if you do, list that in your works cited as an interview).

II. Financial Requirements

- a) Find the cost for a 3-hour course at the college of your choice: tuition and estimated fees.
- b) Find the cost of taking a College Algebra class (or some mathematical equivalent).
- c) Find the cost of a current College Algebra textbook: Include title, publisher, and edition.
- d) Determine at least one scholarships and/or grants opportunities that you qualify to pursue and briefly describe the requirements you need to meet in order to pursue these (academic standing, due date, financial, ethnicity, recommendations, etc.)

III. Closure:

- a) How will you benefit at college by learning the material in this course? Please be thorough and thoughtful with your answers.

IV. Works Cited:

- a) Include addresses for college web pages and specific course numbers (ex: MATH 1310) and any other websites you found helpful in compiling this information.

DO NOT LOSE THIS SHEET. IT IS PART OF YOUR GRADE

Name _____ Date _____ Period _____

SCORING RUBRIC

CRITERIA	POSSIBLE POINTS	EARNED POINTS
1. Due: 8/15/14 FINAL PROJECT DUE		
Name of University	5	
Math Requirements (a)	5	
Math Requirements (b)	5	
Math Requirements (c)	5	
Math Requirements (d)	10	
Math Requirements (e)	5	
Math Requirements (f)	5	
Financial Requirements (a)	5	
Financial Requirements (b)	5	
Financial Requirements (c)	5	
Financial Requirements (d)	5	
Closure	20	
2. Presentation (10), rubric returned(5)	15	
3. Works cited	5	

TOTAL: _____

PRESENTATION: You will present a short power point presentation to the class. This presentation needs to be AT LEAST 2 minutes and should summarize and show your work and research for this project. For every 10 seconds you are short, you will be deducted 2 points.

Your project MUST be turned in NO LATER THAN the fifth time we meet for AMDM class, at the beginning of your class period.