

Objective: To determine exactly what math requirements are needed for your intended major and profession as well as explore the college planning to attend.
To determine the transferability of DE/AP classes taken to desired college and college graduation requirements for intended major. To become familiar with college website.

1. Take interest survey: <http://www.vaview.vt.edu/912/check-it/who-r-u/>
2. Pick ONE college to which you have applied/plan to attend. Why this particular one?
3. Research the major you plan to pursue in the college's handbook. Most all colleges post these on the internet or you may go by the school guidance department and find a hard copy. *List any pre-requisite and specific required math classes OR tests for your intended major and/or general education requirements. Use both college pre-fix and college description of the class for the college you intend on attending.*
Check the transfer guide to see if you are able to determine if your dual enrollment classes will transfer; *state corresponding college class equivalent with prefix or fact not stated/listed.* If having trouble, normally can put in "transfer courses" in the college search box at the college website and it will take you to the college's transfer guide.
Check to see if your college participates in any VCCS transfer agreements and to what extent; some may limit the number of classes one can transfer. Read agreement and make statement of your findings or statement of no availability.
The following link takes you to information about VCCS transfer agreements:
<http://myfuture.vccs.edu/Students/Transfer/tabid/106/Default.aspx>
4. Research your career option to *determine what type(s) of mathematics is/are required/used in that career. Give examples if possible. Tell a bit about why this career interests you. What is the job outlook/future demand for this career? Are there any related professions/fields for your career or degree choice?*
Following sites contains statistics & information about lots of careers:
<http://www.vaview.vt.edu/> Tons of information related to careers/college
<http://www.bls.gov/k12/> Exploring Career Information designed for HS
<http://www.bls.gov/ooh/> Occupational Handbook
<http://online.onetcenter.org/>

Requirements: 4 page minimum body; ALL in APA style with reference page, APA style (4-5 references required) Exception: may use first person.

Focus is on math classes required by specific college for intended major/profession, knowledge of profession choice & rubric items
Transferability of dual-enrollment classes taken AND plan to take, especially math but desire others also; *college prefix equivalents & description must be stated.*

Well written paper with required topics addressed-SEE RUBRIC
Check grading rubric to assure SPECIFICS covered. *Make statement with regard to anything not available or applicable after checking with me.*

Should you be experiencing ANY problem, please email me so that I may help or offer suggestions.
Do NOT WAIT UNTIL THE LAST MINUTE!!

OUTLINE: Proper formatted outline of main ideas found to date; DUE F 9/21

[To be turned in at check point with survey printout. (25pts)] (Should cover 60% of required content specifics)

- I. Take interest survey & print *summary results* (must be turned in w/outline)
- II. College plan to attend AND deadlines for admissions and financial aid application
- III. Chosen college major stated
- IV. LIST all DE classes taken and plan to take; AP classes for which plan to take AP exam
 - with corresponding college prefix equivalent
 - and/or transfer information (how will it count; corresponding college prefix & number)
 - (best to put in table form for final paper and do general discussion w/in paper)
- V. Career Option
 - math used/required by specific profession; why chose
 - future employment outlook (projected job availability); stats on this
- VI. References used to date

“A dream doesn’t become a reality through magic; it takes sweat, determination, and hard work.”

Colin Powell

*****NEED SPECIFIC INFORMATION*****

Grading Rubric Final Paper

- _____ 1. (5 pt) Introductory paragraph of college plans & major; how relate to survey taken
- _____ 2. (10 pt) Required math classes for college entrance; AP test score accepted by college
Math placement test requirements and or pretesting requirements
Required # hours on that college campus for graduation in major from college
- _____ 3. (20 pt) Discussion of required math/math related classes for major
Course descriptions and college prefixes used (for college plan to attend)
- _____ 4. (10 pt) College transfer guide checked
List all dual enrollment/AP classes and corresponding college transfer class
use a Table Format; list past, present, and future classes
- _____ 5. (5 pt) VCCS college agreement checked & statement of findings/stipulations
- _____ 6. (10 pt) Occupational Outlook career findings
Future demands of career choice; potential earnings; job location
Related career choices/options
- _____ 7. (5 pt) Concluding paragraph with opinion of assignment
- _____ 8. (15 pt) Directions followed: content; spacing; name; citations; references, well written, etc.
- _____ 9. (10 pt) Length of paper body with Table included (4 page minimum)
- _____ 10. Deduction for lateness; Paper DUE: October 21, 2012

_____ SCORE (90 POINT TOTAL)