Ma 480 ~ Capstone Experience in Mathematics I

Philosophy of Mathematics ~ 200 points

Rough Draft \_ due Nov 6, 2023

Final Draft \_ due Nov 17, 2023

(In class and to Canvas Assignment folder)

You will be expected to articulate your own Biblically based philosophy of mathematics

Your paper should be organized around the following:

* a brief discussion of what mathematics is (do not just give examples)
* a discussion of the question: “What does mathematics teach us about the character and nature of God?"
* a discussion of the question: “Why can we as Christian students use secular textbooks with little or no modification to their content?"

I expect that you will use standard writing procedure (use reliable sources and document the use of these sources appropriately, use proper grammar, have an intro and conclusion, and all that other stuff you learned in En 102). Both internet and print sources are acceptable, as long as the internet sources can be considered as reliable and authoritative.

General Writing/Assignment Guidelines:

* Typed using 12 point, double-spaced, and standard 1" margins
* Submit to the Canvas Assignment folder, turn in a paper copy to my credenza
* You may discuss in moderation the elements that you have to address, but you must write your own paper.
* Conciseness: never use more words when less will do
* Clarity: note that you can't have this if you don't understand what you are talking about
* Specificity: avoid vague generalizations and phrases that include broad ideas

(like \uses math", \good communication", etc.)

* Jargon: avoid technospeak that you are not comfortable using in an everyday conversation