This is a brief guide for students whose major requires MATH 1025. This guide may help to decide whether to take MATH 1014 (Precalculus) or MATH 1025 (Elementary Calculus) as a first math course at VT. This guide does not imply success in MATH 1025. A course choice is ultimately up to the student. A misrepresentation of mathematical background that leads to a decision of taking MATH 1025 may significantly decrease chances of success in MATH 1025.

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Do you feel confident in **ALL** of the following topics? That is, can you solve problems like the examples linked below?

- [Graphing Functions - example](#)
- [Linear Functions - example](#)
- [Composite Functions - example](#)
- [Exponential & Logarithmic Functions - example](#)
- [Trigonometry - example 1](#)
- [Trigonometry - example 2](#)

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![Flowchart](#)

- **NO**
  - Consider MATH 1014

- **YES**
  - Consider MATH 1025

*updated 7/11/24*