MATH 121 – Study Tips

Exam Format:
- 10 multiple choice questions on basic calculations and interpretations of graphs
- ~8-10 long answer questions worth differing marks
  - Think of the main sections of the course
  - More challenging application questions

Focus On:
Know the basics:
- Limits
- What is a derivative? How do I solve for a derivative?
- Trigonometry derivatives
- Local linearity
- Taylor polynomials
- L'Hopital's rule
- Steps for an optimization question
- Riemann sums
- Properties of a function
- Anti-derivatives
- Substitution
- Integration by parts

Other:
- Look over memorization list on OnQ and make sure you know it!
- Know how to apply basics to more difficult problems:
  - Make a general set of steps for a question (ex. optimization, related rates)
- Don't forget the tutorials - especially if you’re on main campus!

How to Study:
Go over the basics!

Practice, practice, practice!
- Past exams in exam conditions: no answers or notes, 3-hour time limit
- Past tests
- Homework and textbook questions

Ask for Help:
- Professors and TAs
- Math help centre
- ASUS peer tutoring services
  - https://sass.queensu.ca/exam-prep/
    - Quantitative problem solving
    - Exam preparation