MATH 1720.113 CALCULUS II (Spring 2024)

Instructor Contact

Name: Jake Williams (he/him/his)
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Office Hours: MF 11:30 pm – 12:30 pm
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Communication Expectations: I communicate with my students primarily through Outlook 365, which is provided to all UNT students. You can expect to hear back from me within one (1) business day on weekdays. Emails received on weekends or outside of normal business hours (8 am to 5 pm) may have a delayed response until the next business day. For additional information on communication expectations between students and instructors, see CLEAR's guidelines at (https://clear.unt.edu/online-communication-tips).

Course Description

Differentiation and integration of exponential, logarithmic and transcendental functions; integration techniques; indeterminate forms; improper integrals; parametric curves; polar coordinates; infinite series; power series; Taylor's theorem.

Required Text/Materials

The textbook is Stewart, James, *Calculus, 9th* Edition, Cengage Learning. It is available online through the required WebAssign platform. The syllabus for the lecture section will provide more detail about WebAssign.

Recitation

You will receive additional instruction from the recitation TA in your section. There will be two recitations a week. Your TA can answer questions over homework or other assignments. Roughly once a week you will work on in class worksheets during recitation. You may work together with other students and seek help (but not entire solutions) from the TA. You may also be asked to participate by presenting solutions or answering questions posed by other students.