

**MAT 127 - CALCULUS C, SUMMER II 2020
ONLINE COURSE**

Instructor. Conghan Dong

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Office Hours: Wed 11:00am - 12:00pm

Dates. July 6 - August 15, Tu & Th 1:30pm - 4:55pm (6 weeks)

Description. This online course will cover *Sequence and Series* and *Differential Equations*. During the scheduled class time, the instructor will meet with the class via Zoom to deliver the lecture. The lecture will be recorded, and the video will be shared on Blackboard.

Textbook. *Calculus (volume 2)* by OpenStax, which is free: <https://openstax.org/details/books/calculus-volume-2>.

Notes on Second Order Linear Differential Equations by Stony Brook University Mathematics Department.

These materials are for your reference. The instructor will mainly follow his own Lecture Notes.

Office Hours. To take place via zoom at scheduled time, will need to be scheduled via email, by appointment.

Homework. There will be online homework assigned through Lumen, which is a free resource.

Exams. Exam I, on Jul.23 in week 3, will cover Part I. Exam II, on Aug.13 in week 6, will cover Part II. There will be review problems before exams. The exams will become available on blackboard at scheduled time. You will write out your solutions on paper, and upload them to blackboard. The exams will be proctored via Zoom and you are required to turn on your videos. You are allowed to consult textbooks and lecture materials, but you are expected not to discuss with anyone.

Grading. Homework: 30%, Exam I: 35%, Exam II: 35%.

Letter Grade Rule. TBD (after Exam I).

Schedule.

Part I: Week 1 – 3, *Sequence and Series*;

Part II: Week 4 – 6, *Differential Equations*.

Each time we basically follow: (Except for Jul.23 and Aug.13)

1:30 - 2:15 Review

2:15 - 2:35 Break & Question

2:35 - 3:35 Lecture

3:35 - 3:55 Break & Question

3:55 - 4:55 Lecture

Student Accessibility Support Center Statement. If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Student Accessibility Support Center, ECC (Educational Communications Center) Building, Room 128, (631)632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Student Accessibility Support Center. For procedures and information go to the following website: <http://www.stonybrook.edu/ehs/fire/disabilities>.

Academic Integrity Statement. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/index.html

Critical Incident Management. Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.