

# BUCKS COUNTY COMMUNITY COLLEGE

DEPT. OF SCIENCE, TECH., ENG. & MATHEMATICS

MATH 250.T51 ~ DIFFERENTIAL EQUATIONS

SUMMER 2024

**Professor:** Dr. Joseph Erickson

**E-mail:** erickson@bucks.edu

**Course Website:** <http://faculty.bucks.edu/erickson/math250/diffeq.html>

**Room & Times:** Zoom on TTh 11:05–2:30

**Course Textbook:** *Differential Equations: Theory, Technique, and Practice*, 3rd ed., Krantz

**Other Materials:** A basic scientific calculator.

Exams:	Date:	Sections Covered:
Exam 1	July 11	1.3, 2.1–2.5
Exam 2	July 23	2.6, 2.7, 4.1–4.4
Exam 3	August 1	4.5, 5.1*, 5.2*, 6.1–6.3
Exam 4	August 8	8.0–8.4

**Course Grade:** There will be four exams totaling 100% of the grade (25% per exam). There are no make-up exams! The college uses the following grading scale: 90–100 = A, 87–89 = B+, 80–86 = B, 77–79 = C+, 70–76 = C, 67–69 = D+, 60–66 = D, 0–59 = F.

**Homework:** Homework exercises are assigned for nearly every section of the book that is covered, but homework is not collected and therefore does not directly influence the course grade. However, to have any realistic prospect of succeeding in the course it is essential to do the exercises, since all of the exams are based upon them. Ask a question if something doesn't make sense, or try out the STEM Learning Center or Academic Success Center.

**Attendance:** Attendance is not mandatory, but it comes highly recommended. Those who do not show up tend to wash out.

**Withdrawing:** If you need to withdraw from the course, do make it official with the college administration to forfend automatic receipt of an F on your transcript. The deadline is July 31, 2024.

**Other Policies:** All exams will be taken during regular class time, in front of a webcam during a Zoom session. It will be required that all exam problems be transcribed by hand or with a printer at the beginning of class, before working on them, since no one should be staring at a screen I cannot see while working on an exam. Cell phones and other internet-capable devices may not be used while working on exam problems, though a device for immediate photographing or scanning of exam work will need to be available. Photographed or scanned exam work must be sent to me via BCCC e-mail before the Zoom session is ended. Any calculator that has “computer algebra system” (CAS) capabilities, such as the TI-89, may not be used during exams.

Exam litigation statute of limitations: any inquiries or complaints about the number of points given for work on an exam must be submitted by e-mail within one week of receiving a score for that exam. After the one-week deadline no point adjustments are possible.

See the college catalog for the policy regarding cheating and plagiarism. There is no extra credit.

\*This section is in *Differential Equations: Introduction*, at the course website.