
Lecture: Monday, Wednesday, and Friday (except Jan 15, Mar 16/26/28/30) in CSF-G5D from 9 to 9:50 in the morning. This class has a web site:

http://www.umr.edu/~akine

Office Hours: Monday, Wednesday, and Friday in ROLLA-310 from 3:00 to 3:50 in the afternoon. Also by appointment. Appointments may be scheduled in person, by phone, or via e-mail.


Description of The Course: This course covers the following topics: Linear partial differential equations, heat equation, wave equation, Laplace equation, inhomogeneous problems, eigenfunction expansions, Green’s formula, Fourier series.

Prerequisite: Math 204, Elementary Differential Equations.

Attendance and Drop Policy: You are expected to attend every class period. If you know in advance that you will not be able to attend, please check with me ahead of time to determine what work you will miss. If you miss a class, it is your responsibility to find out what you missed, pick up any handouts, returned exams or homework, etc. Absences from class will be excused if your doctor or the Student Health Center can verify that you were seen for a medical condition, or if your faculty advisor or athletic coach communicates to me an academic reason for your absence. According to Student Academic Regulations, 2002-2004, page 17, a student may be dropped by the instructor because of excessive absences. In this class, if you incur two unexcused absences by Friday, Feb 16 or four unexcused absences by Thursday, April 12 or five unexcused absences for the semester, then you will be dropped from the course. Attendance will be considered in determining final grades in borderline cases.

Homework Assignments: You should make it a practice to do your homework promptly (i.e. daily) and you are expected to turn in homework regularly. Homework assignments will be collected at the beginning of class on the date indicated on the assignment and selected problems will be graded. No late homework will be accepted. Missed homework assignments will not be made up.

Exams: There will be three 50-minute exams worth 300 points total. Each will be announced at least one week in advance. The exams will cover homework problems, and lectures.

Final Exam: Math 325 final exam is comprehensive and will be on Thursday, May 10 from 4:00pm to 6:00pm.

Grading Policy: On all work (exams, homework, final) you must show your work clearly and completely. You will be graded on your work as well as your answers. But a correct answer that is unsupported by your work will not receive credit. Each of the 10 homework assignments is worth 20 points (6 points for each of the 2 selected problems and 8 points based on the overall effort shown in completing the homework). Each of the 3 exams is 100 points, and the final exam 200 points. You will need 630 points (90%) to receive an A, 560 points (80%) to receive a B, 490 points (70%) to receive a C, and 420 points (60%) to receive a D. If you earn less than 420 points, then you can expect to receive an F.

Question/Concern Resolution: If you ever have a question about anything in this course, please come and see me. However, if this does not resolve it, you should speak with our chairman, Professor Leon Hall, in 202 Rolla Building.