MATH 264 203 2023W2

Vector Calculus for Electrical Engineering
January-April 2024

Divergence, gradient, curl, theorems of Gauss and Stokes.

Applications to Electrostatics and Magnetostatics.

Prerequisite: One of MATH 200, MATH 217, MATH 226, MATH 253, MATH 254.

Corequisite: BMEG 220.

Instructor

Farid Aliniaeifard

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Course Details

MATH 264 and ELEC 211 form an inseparable integrated package. Students will get the same grade in both activities, based on a cumulative final examination that covers both subjects for the entire term.

Lecture: Mondays 2-4 PM; Tuesdays, Thursdays, and Fridays 2-3 PM

Tutorial: Every other Wednesday, starting from Week two, 2-4 PM. Check exact dates of the quizzes, midterm and review sessions on Canvas.

All sessions will be held in person. We will meet at Hugh Dempster Pavilion (DMP) Rm 110 for all lectures, and at NEVILLE SCARFE (SCRF) Rm 100 on Tutorial Wednesdays.