

UBC Math 264: Vector Calculus for Electrical Engineering January-April 2016

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 263.
Corequisite: ELEC 211.

Instructor

Dr. Philip D. Loewen

Office Mathematics Building, room 207
Email loew@math.ubc.ca (try this first)
Office phone 604-822-3082 (urgent cases only, please)
URI <http://www.math.ubc.ca/~loew/>

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. Further details about assessment, learning goals, and conceptual content are available to registered students through UBC's E-Learning system:

<https://connect.ubc.ca/>