

# MATH 271. LINEAR ALGEBRA AND PARTIAL DIFFERENTIAL EQUATIONS.

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Credits: 3

Offered by: Mathematics and Statistics (Faculty of Engineering)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

## Description

Applied Linear Algebra. Linear Systems of Ordinary Differential Equations. Power Series Solutions. Partial Differential Equations. Sturm-Liouville Theory and Applications. Fourier Transforms.

- Fall and Winter
- (3-1-5)
- Prerequisites: MATH 263, MATH 264.
- Not open to students who have taken MATH 266.

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