CSC 3300 : Linear Algebra for Computing

Fields, vectors and vector spaces, linear transformations, matrices and matrix algebra, eigenvalues and eigenvectors; Structures and computations in Python for these mathematical objects; Computational applications selected from data science, machine learning, computer vision, graphics, image processing, graph algorithms, quantum computing, information retrieval and web search.

Credits 4.0

Prerequisites
CSC 1300
Prerequisite Courses
CSC 1300
Last Offered
Spring 2021, Spring 2020, Spring 2019, Spring 2018