COMP 558. FUNDAMENTALS OF COMPUTER VISION.

Credits: 4

Offered by: Computer Science (Faculty of Science)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Image filtering, edge detection, image features and histograms, image segmentation, image motion and tracking, projective geometry, camera calibration, homographies, epipolar geometry and stereo, point clouds and 3D registration. Applications in computer graphics and robotics.

- Restriction: not open to students who have taken 308-766 before January 2001
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- 3 hours
- Prerequisites: COMP 251, MATH 222, MATH 223

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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