

CMPT 365 Multimedia Systems

Summer 2011

Lecture Time: Mondays 12:30-2:20, Wednesdays 12:30-1:20

Classroom: AQ 3149

Lab: ASB 9804 (CSIL Lab)

Instructor: Dr. Ze-Nian Li, TASC 8223

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Office Hours: Mondays 2:30-3:20, Wednesdays 11:30-12:20

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Office Hours: Tuesdays and Fridays 2:30-3:30 (in the Lab)

Objectives: Multimedia has become an indispensable part of modern computer technology. In this course, students will be introduced to principles and current technologies of multimedia systems and gain hands-on experience in this area. Issues in effectively representing, processing, and retrieving multimedia data such as sound and music, graphics, image and video will be addressed.

Topics:

- Introduction
- Issues in Multimedia Applications Design
- Multimedia Data Representations
- Image, Video and Audio Compression
- Other Topics

Prerequisites: Completion of 60 credits including CMPT 201 or CMPT 225

Grading: Assignments 20%, midterm 20%, project 25%, final exam 35%.

[Remarks on marking for Assignments and Project --->](#)

Late Penalties: Assignments are due at the beginning of the specified class time. For each day late, 10% of the total possible points will be deducted. No work will be accepted after two days late.

Textbook:

- Ze-Nian Li and Mark S. Drew, "Fundamentals of Multimedia", *Prentice Hall*, 2004.