DEPARTMENT OF MATHEMATICAL AND COMPUTATIONAL SCIENCES
UNIVERSITY OF TORONTO MISSISSAUGA

CSC420H5F LEC0101
Introduction to Image Understanding
Course Outline - Fall 2019

Class Location & Time	Mon, 09:00 AM - 11:00 AM MN 1170
Instructor	Sanja Fidler
Office Location	
Office Hours	Mon, 11-12.30
Telephone	14169788737
E-mail Address	fidler@cs.toronto.edu
Course Web Site	http://www.cs.toronto.edu/~fidler/teaching.html

Course Description

This class is an introduction to fundamental concepts in image understanding, the sub-discipline of artificial intelligence that tries to make the computers "see". It will survey a variety of interesting vision problems and techniques. Specifically, the course will cover image formation, features, object and scene recognition and learning, multi-view geometry and video processing. It will also feature recognition with RGB-D data. The goal of the class will be to grasp a number of computer vision problems and understand basic approaches to tackle them for real-world applications. [24L, 12T]

Prerequisite: CSC263H5, CSC338H5 (SCI)
Distribution Requirement: SCI

Students who lack a pre/co-requisite can be removed at any time unless they have received an explicit waiver from the department. The waiver form can be downloaded from here.

Assessment and Deadlines

Type	Description	Due Date	Weight
Assignment	Assignment 1	2019-09-27	15%
Assignment	Assignment 2	2019-10-11	15%
Assignment	Assignment 3	2019-11-01	15%
Assignment	Assignment 4	2019-11-14	15%
Other	Project + presentation + oral exam	2019-12-09	40%
		Total	100%

Penalties for Lateness

3 free late days, 100% penalty when late days are used.

Procedures and Rules

Missed Term Work

To request special consideration, bring supporting documentation to the instructor in person during office hours at least one week in advance.

In case of illness, bring a U of T medical certificate to the instructor within one week of the missed work. The certificate must specify the exact period during which you were unable to carry out your academic work.

Academic Integrity

Honesty and fairness are fundamental to the University of Toronto's mission. Plagiarism is a form of academic fraud and is treated very seriously. The work that you submit must be your own and cannot contain anyone elses work or ideas without proper attribution. You are expected to read the handout How not to plagiarize (http://www.writing.utoronto.ca/advice/using-sources/how-

not-to-plagiarize) and to be familiar with the Code of behaviour on academic matters, which is linked from the UTM calendar under the link Codes and policies.

Additional Information

Please include CSC420 in the subject when sending the instructor and TA an email regarding this course.

Last Date to drop course from Academic Record and GPA is November 7, 2019.