CMPT 743 - G100 Visual Computing Lab II

**Instructor(s):** Ali Mahdavi-Amiri  
**SFU Burnaby**

**Calendar Objective/Description:**  
Visual Computing Lab II

**Instructor's Objectives:**  
To give students hands-on experience in deep learning, vision, image processing, and graphics, including convolutional neural networks, image stylization, image inpainting, image generation, deep learning for point clouds, Generative Adversarial Networks, etc. Guided labs teach students to exploit these algorithms to build prototype programs for real industrial applications.

**Prerequisites:**  
see go.sfu.ca

**Grading:**  
Will be communicated with the students in the first class.

**Academic Honesty Statement:**  
Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).