**ENSF 619.2 - Advanced Topics in Image Analysis and Machine Learning**

**September 7th 2021**

* Introduction to the course and what to expect
* More details about the final project and assignments (i.e., description and rubric should become available next week)
* Power sources in the classroom are not working properly. Computer battery died during class. Need to check.
* No class Thursday (September 9th). Video will be posted.
* Next week, lectures with Dr. Ian Percel about the UCalgary clusters. Other students will join the session.
* Introduction to connected components, max-trees, connected operators, etc.

**September 9th 2021**

* Video lecture showing some max-tree filters, such as area-open, extinction filter, bounding-box filter.
* Lecture meant to motivate students. More details will come in the following weeks.

**September 14th 2021**

* Ian Percel’s first lecture: Introduction to High Performance Computing and the Linux Command Line
* Introductory lecture. Useful for students that will be using the cluster.

**September 16th 2021**

* Ian Percel’s second lecture: Introduction to Job Scheduling and Parallel Performance
* Very detailed lecture and good to get an overview about these topics. In practice, we will use the same GPU resource allocations for most experiments in our class.

**September 21st 2021**

* First part of the max-tree lecture
* Final project rubric available on the class GitHub repository

**September 23rd 2021**

* Second half of the max-tree lecture
* Quizz #01 became available
* Short description of the first assignment (appended at the end of the slides)
* Images for the assignment are on the GitHub repository
* Rubric will be available soon
* Assignment is due October 14th