

# ELIC 629 – Digital Image Processing

Winter 2006

## Course Outline Supplement

Tuesday, January 10 2006

### Contact Information

- Instructor: Bill Kapralos
- Email: kapralos@humber.ca
- Office Hours: After the lecture or by appointment

### Course Web Page

[http://www.cs.yorku.ca/~billk/elic629\\_winter2006/generalInfo.html](http://www.cs.yorku.ca/~billk/elic629_winter2006/generalInfo.html)

- A preliminary version of the lecture notes will be available (in pdf format) several hours (perhaps one day) before the lecture.
- Final version of the lecture notes will be available after the lecture and may contain slight changes/corrections from the preliminary version.
- Important information (announcements etc.) relevant to the course will be made available via the course web-site.
- Will contain an FAQ (e.g., questions answers regarding labs, homework assignments, tests etc.) – consult the FAQ periodically!
- Links to various other relevant resources will be available (e.g., links to notes, tutorials, software etc.)

### Notes Regarding the Labs

- Labs begin the week of January 16 2006 (e.g., second week of course).
- Although you may work in groups of 2 or 3 in the lab, you must submit your own lab report (e.g., each student in the group must submit their own report).
- You will informed which labs are to be submitted.
- This is a third year course – lab reports must reflect this! Lab will be strictly graded with respect to the following criteria:

**Correctness** → Has the task set out in the lab been performed as required? Keep in mind that although many solutions are available for most problems, one solution may be “better” than another when considering factors such as efficiency, use of memory etc. Where appropriate, efficient solutions will be rewarded!

**Presentation** → Lab reports must be typed, diagrams (where appropriate) should be “neat” (e.g., straight lines should be straight; a circle should be a circle and not an ellipse or rectangle!) – ideally, diagrams will be electronically produced (e.g., MS PowerPoint is actually very effective in creating many types of diagrams). Any submitted source code should be formatted such that the structure is clearly evident (e.g., “white-space” such as “tabs” can be used to offset code structure). As described in the course outline, a suggested format for the lab reports is as follows:

1. Title of the experiment
2. Brief description of the experiment (e.g., purpose, goals)
3. List of equipment used
4. Flow chart and programming list (Matlab code or Labview diagrams etc.)
5. Results/Observations
6. Solutions to assigned problems
7. Conclusions (e.g., what did you learn from this lab?)

**Presentation** → Labs may include questions to be answered after the lab has been completed and submitted with the lab report. Questions may be explicitly included with the lab itself or may be assigned by the instructor. Questions will reflect the material covered in the course and complement the lab itself. Depending on the number of questions assigned, only a subset may be marked.

**Attendance** → Attendance is mandatory for all labs! Missing a lab will result in a grade of 0 for that particular lab unless proper documentation (e.g., doctor’s note) is provided (the lab must still be completed on your time and a report must also be submitted). Presented documentation must not be “vague”. In other words, presenting a doctor’s note that simply states you visited the doctor the day of the lab is not sufficient! The same policy applies for missed tests.

## **Office Hours – Contacting the Instructor**

- I will be at Humber College Tuesdays only. Office hours will be held either before the lecture or after the lab. I will also be available during the lab period itself for questions however, depending on how much help is needed with respect to the lab, I cannot guarantee this!
- I will check email periodically hence you can also email me if you are having difficulties or have any course related questions/concerns.

## **Tests**

- Mid-term test will be held during week eight →
- Mid-term test will be held during last week of course (e.g., during exam period)
- Same policy as with labs – missing a test will result in a grade of 0 unless “proper” documentation is provided