

COURSE INFORMATION SHEET WINTER 2010

1. **Course:** APPLIED MATHEMATICS 503-The Mathematics of Wavelets, Signal and Image Processing
Lecture/Time: L01: Mon 3:00 – 3:50, Fri 1:00 – 1:50 and 3:00 – 3:50 (MS571)
Tutorial/Time: T01: Web 3:00 – 3:50 (MS571)
Instructor: Dr. Michael Lamoureux
Office/Phone/Email: MS 514, 403-220-8214, mikel@math.ucalgary.ca

2. **Prerequisites:** AMAT 491 or CPSC 491

NOTE: The Faculty of Science policy on pre- and co-requisite checking is outlined in the current University Calendar (see www.ucalgary.ca/pubs/calendar) *Faculty of Science, section 5C*. **It is the students' responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**

3. **Fee policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
4. **Academic Accommodations:** It is the student's responsibility to request academic accommodations. A student with a documented disability who may require academic accommodation must register with the Disability Resource Centre to be eligible for formal academic accommodation. DRC registered students are required to discuss their needs with the instructor no later than fourteen (14) days after the start of this course.
5. **The University policy on grading and related matters** is described in the current University Calendar, *Academic Standings*. In determining the overall grade in the course, the following weights will be used:

<i>Assignments</i>	[3 - 4]	40 %
<i>Midterm Exam</i>	[1]	20 %
<i>Final Project</i>		40 %

Each student will submit a final project proposal by March 26. The final project is due on the last day of classes, April 16. A passing grade on the final project is required for passing the course as a whole.

6. **Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined in the current University Calendar, *Faculty of Science, section 6A*. It is the student's responsibility to familiarize herself/himself with these regulations.
7. **Academic misconduct** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the current University Calendar. See: <http://www.ucalgary.ca/honesty/>
8. There will be no out-of-class-time activities.
9. **Textbook:** P. van Fleet, Discrete Wavelet Transformations
10. **Tutorials:** The focus of the Wednesday afternoon tutorial will be computer implementations, using MATLAB.