

CS 390AO – Mobile Computing

Developing software applications (called apps) for mobile computing platforms such as smart phones, tablets and personal media devices. Topics may include touch-screen interfaces, power management, graphics optimization, communication, location, and mobile browsers. App marketplaces and network carrier policies will also be discussed. For each term, the course will concentrate on a single platform, such as iOS, Android, or Windows Phone 7, and culminate in a large-scale project.

Hardware: none required; can use own mobile device if you have one

Software: iPhone simulator (or simulators for other devices)

How to Register for the Course

Are you a....

1. CURRENT UofR Student (no more than 3 semesters of lapsed registration)

- You can register yourself according to your time ticket in **Self-Service** provided that you meet the pre-requisite of CS 115. If you do not, please send an email to deptsec@cs.uregina.ca briefly outlining your object-orientated programming experience and/or applied knowledge and experience that you feel prepares you for this course. Our department head will use this to determine if a pre-requisite override is warranted. Your email should include your full name and student number.

2. UofR Student (Undergraduate) who has had more than 3 semesters lapse since last registering

You need to apply for readmission. There is no application fee and you can fill out the form online here:

<http://www.uregina.ca/admissions/undergraduate/re-admission.shtml>

Note: you do not have to be admitted/readmitted to the **Faculty of Science** to take this course. We do not restrict our Computer Science courses by major. Although we would love to have you here in Science, it is easier and faster to be readmitted to the Faculty that you were last registered through – Arts, Fine Arts, Kinesiology.....

If you have questions, please contact Admissions Coordinator, **Ms. Christine McBain @ 337-3175**.

3. Looking to Become a UofR Student (or former Graduate Student with more than 3 semesters of lapsed registration)

Individuals who are not currently students at the UofR will have 2 primary steps they need to take: admission & registration. Admission will make you an active member of our University community and registration will specifically put you into our Mobile Computing course.

Mobile computing requires students to have already taken CS 115 (Object Oriented Design, its equivalent from another institution, or permission of our department head. Since you aren't currently a student, we can assume you don't have CS 115. Don't be dismayed. Before applying, send us an email deptsec@uregina.ca which briefly details your applied knowledge of object oriented programming either through industry experience or through leisure. Please also include a list of what programming languages you have used and a daytime phone number that you can be reached at. Our department

head will review your preparedness for the course and then provide approval for pre-requisite override to our registration clerk.

Application Process

a) If you are only interested in taking a few courses for general interest or professional development it is best to be admitted to our Casual Student Program, see here:

<http://www.uregina.ca/cce/creditstudies/programs/casualstudies/index.shtml>

There is an application form on the website that you can fill out and fax to 585-5825.

How to fill out 'Section 2' of the Application form:

- Check box 'Winter (Jan. – Apr)'

- CRN = 14042, Subject = CS, Course # = 390AO, Section = 01, Credit Hours = 3.0, Days = W, Start Time = 7:00pm, End Time = 9:45pm

The Casual program is administered through the University's Centre for Continuing Education. Your primary contact there is **Ms. Susan Pauliuk, 585-5820**.

Note: Registration for students admitted to the Casual program does not open until **December 1, 2010**; however, we would encourage you to apply now. If you are concerned that there will no longer be space in the class after that date, then please send our department an email, deptsec@uregina.ca with your newly assigned student number and we will see what we can do. We will apply for a larger classroom if demand dictates it. Your email will help us to gauge that demand.

b) If you are interested in pursuing a degree or certificate (might we suggest our Certificate in Computer Science!) from the UofR, then you should apply for Undergraduate Admission, see here: <http://www.uregina.ca/admissions/>

Undergraduate Admissions is administered through our Admissions office and your primary contact is admissions@uregina.ca or **Ms. Christine McBain @ 337-3175**.

Fees & Associated Costs

- The admission fee for our Casual Program, as well as our Undergraduate program is \$100 Canadian.

- The fee for CS 390AO \$573.45 (domestic student rate; includes student unions fees, recreations fee...etc); see here: <http://www.uregina.ca/presoff/vpadmin/policymanual/students/90200501.html> 'Winter 2011 – 3.0 credits'

If you have any questions about the information above, or about our Department of Computer Science in general then please contact us. Our program coordinator can be reached at wendy.preikchat@uregina.ca or by phone at **337-2541**.