

SITE, University of Ottawa Winter 2012

CSI 5169 (COMP 5304) Wireless Networks and Mobile Computing

Course description:

CSI 5169 (COMP 5304) WIRELESS NETWORKS AND MOBILE COMPUTING (3 cr.) (S, T)
Computational aspects and applications of design and analysis of mobile and wireless networking. Topics include Physical, Link Layer, Media Access Control, Wireless, Mobile LANs, Ad-Hoc, Sensor Networks, Power Consumption Optimization, Routing, Searching, Service Discovery, Clustering, Multicasting, Localization, Mobile IP/TCP, File Systems, Mobility Models, Wireless Applications. (Cannot be combined for credit with ELG 6168)

Instructor:

Ivan Stojmenovic, ivan@site.uottawa.ca www.site.uottawa.ca/~ivan (links to course website)

Lectures:

Friday 14:30-17:30 SMD 402

Recommended book:

Handbook of Wireless Networks and Mobile Computing (I. Stojmenovic, ed.), Wiley, 2002.

Lecture slides available on the course web site.

Marking scheme:

participation (attendance, discussion)	15%
class presentations	10%
quality of questions (in presentations)	10%
project	30%
quiz 1 and quiz 2	20%+15%

Participation: Physical presence 8%, in class discussion 7%

Class presentation: 10% average mark by other students,

Quiz: questions from student presentations (quiz 2) and lectures (quiz 1)

Project: literature review on presentation topic,

project report due April 30 sharp, to Stojmenovic@gmail.com .