![Dalhousie University - Faculty of Computer Science]

ECMM 6014
Databases, Data Warehouses and Data Mining
For Electronic Commerce

Instructor Information

Instructor:	Jacek Wolkowicz	**Office:**	CSB **431**
Class Meeting Time:	Tue – Thu 8.35am – 9.55am	**Classroom**: McCain 1116	
E--mail:	jacek at cs.dal.ca, jacek at wolkowi.cz	**Office Hours**: by email.	
Course Homepage:	https://web.cs.dal.ca/~jacek/showpage.cgi?object=Teaching\ECMM6014		
Course Mail List:	TBA		

Important Dates
- Final Exam: on the last class / during the Exam Session
- Final Withdrawal Date without academic penalty: Feb 5
- Final Withdrawal Date with academic penalty: Mar 12

Course Description
Data warehousing and data mining are two emerging technologies which will have a profound effect on the role information plays in organizations. […] This course covers key issues in data warehouse architecture, design of data warehouse schemas, design of metadata repositories, the creation, development and maintenance of warehouses, as well as tools and techniques for querying, analyzing and mining the warehouse data. Data mining techniques such as statistical and non-statistical supervised and unsupervised learning methods will be applied to problems drawn from the e-commerce world.

Evaluation Criteria
- Assignments (3) (25%)
- Project (25%)
- Final Exam (40%)
- Class Participation (10%)

Required Texts and Resources
Textbooks:
- Data Mining: Practical Machine Learning Tools and Techniques by Ian H. Witten, Eibe Frank, Mark A. Hall, Third Edition, Morgan Kaufmann, 2011, ISBN 978-0-12-374856-0 http://www.sciencedirect.com/science/book/9780123748560
- Web Mining and Social Networking: Techniques and Applications by Guandong Xu, Yanchun Zhang and Lin Li, Springer, 201, DOI: 10.1007/978-1-4419-7735-9 http://www.springerlink.com/content/978-1-4419-7734-2

Academic Integrity[1]

At Dalhousie University, we respect the values of academic integrity: honesty, trust, fairness, responsibility and respect. As a student, adherence to the values of academic integrity and related policies is a requirement of being part of the academic community at Dalhousie University.

What does academic integrity mean?

Academic integrity means being honest in the fulfillment of your academic responsibilities thus establishing mutual trust. Fairness is essential to the interactions of the academic community and is achieved through respect for the opinions and ideas of others. "Violations of intellectual honesty are offensive to the entire academic community, not just to the individual faculty member and students in whose class an offence occurs." (see Intellectual Honesty section of University Calendar)

How can you achieve academic integrity?

- Make sure you understand Dalhousie's policies on academic integrity.
- Give appropriate credit to the sources used in your assignment such as written or oral work, computer codes/programs, artistic or architectural works, scientific projects, performances, web page designs, graphical representations, diagrams, videos, and images.
- Use RefWorks to keep track of your research and edit and format bibliographies in the citation style required by the instructor http://www.library.dal.ca/How/RefWorks
- Do not download the work of another from the Internet and submit it as your own.
- Do not submit work that has been completed through collaboration or previously submitted for another assignment without permission from your instructor.
- Do not write an examination or test for someone else.
- Do not falsify data or lab results.

These examples should be considered only as a guide and not an exhaustive list.

What will happen if an allegation of an academic offence is made against you?

1. I am required to report a suspected offence. The full process is outlined in the Discipline flow chart, which can be found at:
2. http://academicintegrity.dal.ca/Files/AcademicDisciplineProcess.pdf and includes the following:
3. Each Faculty has an Academic Integrity Officer (AIO) who receives allegations from instructors.
4. The AIO decides whether to proceed with the allegation and you will be notified of the process.
5. If the case proceeds, you will receive an INC (incomplete) grade until the matter is resolved.
6. If you are found guilty of an academic offence, a penalty will be assigned ranging from a warning to a suspension or expulsion from the University and can include a notation on your transcript, failure of the assignment or failure of the course. All penalties are academic in nature.

Where can you turn for help?

- If you are ever unsure about ANYTHING, contact myself.
- The Academic Integrity website http://academicintegrity.dal.ca has links to policies, definitions, online tutorials, tips on citing and paraphrasing.
- The Writing Center provides assistance with proofreading, writing styles, citations.
- Dalhousie Libraries have workshops, tutorials, citation guides, Assignment Calculator, RefWorks, etc.
- The Dalhousie Student Advocacy Service assists students with academic appeals and student discipline procedures.
- The Senate Office provides links to a list of Academic Integrity Officers, discipline flow chart, and Senate Discipline Committee.

[1] Based on the sample statement provided at http://academicintegrity.dal.ca.