

UNIVERSITY OF REGINA
Department of Computer Science

CS 490CY – Information Visualization
Winter 2015

Instructor: **Dr. Orland Hoerber**
Meetings: **one hour per week (day/time TBA) (CW 308.25)**
Webpage: **<http://www.cs.uregina.ca/~hoeber/teaching/cs490CY/>**
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Office Hours: **M/W/F 9:00 – 11:00 AM**
Office: **CW 308.25**
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Course Objectives

This is a special topics course in which the student will make an independent study of topics related to information visualization. In this particular offering, the student will focus on the domain of information dashboard design, and will develop a project for the visual analysis of weather forecasts.

Primary Textbook

Few, S. Information Dashboard Design, 2nd Edition, Analytics Press, 2013 (ISBN-13: 978-1938377006)

Supplemental Textbooks (Optional)

Ward, M, Grinstein, G., and Keim, D. Interactive Data Visualization: Foundations, Techniques, and Applications, A. K. Peters Ltd. 2010. (ISBN-13: 978-1568814735)

Munzner, T. Visualization Analysis and Design, A. K. Peters Ltd. 2014 (ISBN-13: 978-1466508910)

Evaluation

The final grade in the course will be determined as follows:

Technology Assessment (Presentation)	20%
Project Proposal (Written Report)	20%
Data Analysis & Dashboard Design (Presentation)	20%
Project (Demonstration & Written Report)	40%
Total	100%

*** The final mark may be adjusted by +/- 5%, at the instructor's discretion.**

Lectures

There will be no regular lectures in this course. We will meet once per week (one hour; day/time TBA) to talk about the progress in required elements of the course. The presentations and demos will be given during these meeting times.