



the text and elsewhere will be regularly assigned. The course will generally follow these readings, and you should keep up with them. In class we will emphasize certain topics.

**Course Mission:**

This courwill generally follow these

**Textbooks:**

Carrega, Pierre (ed.). 2010. *Geographical Information and Climatology*. Wiley Press.

This is a translation of a text that has been popular in France. The translation is a little weak in places, rendering the flow a little stilted in spots. However I felt the exploration of the direct integration between applied climatology and the use of GIS tools to be very motivating and the book covers a lot of interesting ground that will be of benefit for you to have exposure to.

Other readings from the textbook by Aguado and Burt that cover some of the physical process gaps in Carrega will be assigned and provided by me.

Please read the material from the text and case studies. Lecture material will generally follow the readings. All readings are testable.

**Computer use:** In the laboratories, we will be doing exercises using the computer. You should be familiar with basic computer skills such as file maintenance, printing and word processing.

**Laboratories:** The labs are an essential part of the course and **attendance is required**. There will be reports due: see below for detailed schedule. All lab reports must be neatly typed and figures must be cleanly and correctly presented. The labs will give you practice in using standard software (Excel) for the analysis of climatic data and in making observations to build and support ideas about how things work. You will also be learning a GIS package called SAGA. I strongly urge you to spend time at the beginning of term working through their tutorials to gain proficiency with this package. Preparing synthesis reports is a major skill needed in today's job market. Analysis and presentation of data is a necessary skill in all fields.

**Coursespaces:** This course is hosted on the UVic CourseSpaces system.

<http://coursespaces.uvic.ca/>

## Tentative course outline

This is our objective but timings and topics may change as we see how rapidly we progress.

Wk	Date	Lecture Subject	Exam	Lab	Module
1	T Jan 8	Course intro and structure			

