

removed from this course and it will be deleted from your record. This decision may ~~not~~ be appealed. [ You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

## 2. Instructor Information

*Instructor:* Katsu Goda  
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You are welcome to communicate with your instructor by email, but email communication should only be used to provide them with information or to ask a question that requires a brief response. For lengthier discussions and for discussions on lectures/course material, please see your instructor during their scheduled office hours or by appointment. When you send email, please use your UWO account (@uwo.ca), as these may be the only emails read.

## 3. Course Description/Syllabus

An introduction to programming using a high-level language (currently R).

## 4. Topics covered will include

1. Elementary computer programming as needed in statistics and actuarial sciences
2. Programming elementary statistical graphics
3. Simulation of random variables and simple stochastic processes
4. Numerical linear algebra
5. Numerical function optimization

## 5. Course Materials

Main text book: Braun and Murdoch (2016) *A First Course in St*

Additional book: *An Introduction to R and The R Language Definition*. These manuals are available online at [www.r-project.org](http://www.r-project.org)



Additional student-run support services are offered by the USC,  
<http://westernusc.ca/services>.