

Course Information for Math 348

Meeting Time:	MWF 2:30–3:20 Blusson Hall 10021 (Burnaby campus, in-person)
Instructor:	Tamon Stephen
Office:	2886 Podium 2 (Surrey), but using SCK10522 in Burnaby
Office Phone:	778–782–7429 (Surrey)
E-mail:	tamon at sfu ca
Office Hours:	Friday 10:30–11:20 (Zoom).
Teaching Assistant:	Peter Bradshaw, peter_bradshaw at sfu ca
Tutorial:	Thursday 12:30–1:30 (D101) or 1:30–2:30 (D102) WMC 2830
Web page:	http://www.math.sfu.ca/~tstephen/Teaching/1217_Math348/
Text:	<i>Introduction to Probability Models</i> , 12th ed., by Sheldon M. Ross
Grading:	15% Homework, 20% Midterm 1, 20% Midterm 2, 45% Final Exam

1. **Syllabus.** Review of the basics of probability, including sample space, random variables, expectation and conditioning. Applications of Markov chains, the exponential distribution and the Poisson process from science and industry. Applications may include inventory theory, queuing, forecasting, scheduling and simulation.
2. **Course Requirements.** There will be about 5 assignments. The marker will grade all or some of the questions in each assignment. There may be unannounced pop-quizzes that assess how carefully you have prepared for the course material. Assignments will be submitted via **Crowdmark**.

There will also be two midterms and a final exam.
3. **Tests.** Books, notes and calculators cannot be used on these tests. Students **must** plan to take the tests at their scheduled times. The midterms are tentatively scheduled for **Friday, October 8th** and **Friday, November 12th** in class.

The final exam will take place during the exam period as scheduled by SFU.
4. **Assignments.** The assignments in this class will require detailed, well written solutions. Some questions may be open-ended.

Assignments will be posted in **Canvas** and submitted on-line via **Crowdmark**.
5. **Covid.** This will my first class on campus since the Covid-19 pandemic arrived, and I expect that this is the case for many of you as well. SFU is implementing various safety protocols. Guidelines from the Faculty of Science are available at: <https://www.sfu.ca/science/covid-policies/covid-guidelines-for-students.html>.

Of note (non-medical) mask use is mandatory in all indoor common areas and learning spaces, unless you have an exemption. Some people may have exemptions: these will typically be administered via CAL or OSSRR. In that case, please be considerate of those who wish to be particularly cautious around unmasked people. The instructor is allowed to remove the mask under certain conditions, we will see if this turns out to make sense for our class.
6. **Feeling unwell?** You should certainly stay home. Absences will be handled as fairly as possible on a case-by-case basis. I will try to post lecture notes following class for those unable to attend in person.

7. **Zoom Room and Plan B.** Of course I might feel unwell or otherwise need to isolate. There's also some possibility of more widespread closures. In that case, we may have to switch to **Zoom** for one or more classes. I do have a Zoom room for this class, and will soon send connection information to the class list by e-mail. This room will also be used for office hours.
8. **Religious Accommodations.** Students requesting religious accommodation must tell the instructor by the end of the first week of term.
9. **Resources.** The course text is available on-line, you can access it on the Web through SFU. This requires your userid and password if you are off campus. It is a standard textbook for these topics, with extensive exercises. Many other textbooks cover similar material.
10. **Tutorials, Office Hours and Support.** Tutorials begin in the second week of class on September 16th. There may be some material covered in the tutorials. They will also be an opportunity for you to discuss the material with the Teaching Assistant. You are encouraged to bring questions. I plan to hold an office hour, tentatively on Fridays at 10:30 a.m., in the class Zoom room.
11. **Questions.** Questions are encouraged in class and out.

Have a great term!