Prof. Keith Luoma

Spring 2016
MATH 3210 A

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Office Hours: 10 – 12 noon Tuesday & Thursday
Other times by appointment

Important Dates:

- Classes begin: January 11
- Last date to receive a W: March 7
- Holidays: January 18, April 4-8
- All classes end: May 2
- Final Exam: May 10, 2-4 PM

Course Description: A description of the applications of linear models, simple non-linear models, applied probability, and selected topics from calculus. Additional topics may include of discussion of quadratic models, conditional probability, Bayes’ Theorem, and Markov Chains. Prerequisites: MATH 2210 and MINF 2201


Mode of Instruction: This course will be taught using a hybrid-format. The weekly face-to-face meeting will cover basic theory and application. The online learning materials will emphasize Excel implementation and/or detailed examples. Desire to Learn (D2L) will serve as the portal for learning materials, while homework assignment will be delivered through WebAssign.

Graded Work:

1. Exams #1-3: in class every 5 weeks.
2. Exam #4 will be equal to your score on the homework.
3. The above four scores will be averaged and grades will be determined as follows: 90-100 for an A, 80-89 for a B, 70-79 for a C, and 60-69 for a D.
4. Optional: You may choose to take a cumulative final exam that will replace the lowest of your four exam scores.

Late Homework/Missed Exams: If you miss the deadline for a homework assignment, you can request an extension in WebAssign. The procedure is fully automated, but you must request the extension within seven days of the missed deadline. A 25% penalty is assigned to work done during the extension period.

Please note that missed exams may only be made up if you can provide a valid written excuse.

Calculations: Microsoft Excel will be used for calculations. You will be allowed to use it on exams, and you may bring your laptops on test days. I will schedule tests in a lab for those of you who do not own laptops. Use of a scientific calculator is allowed, but not encouraged. If you use a calculator, it must not perform symbolic manipulation (TI 83/84 is fine; TI 89 or TI Inspire is not).
Doing Well in this Class:

1. Always follow the weekly guidelines provided in D2L under the Content tab. Each week will consist of a class meeting, readings from the book, videos, and WebAssign homework. The best students complete the material in a timely manner.

2. Consider forming a study group. Weak students can learn from the strong ones, while strong students will find that explaining concepts to others strengthens and clarifies their own knowledge.

3. Get help if you need it. If my office hours don’t work for you, ask for an appointment. But don’t request extra help if you haven’t first done the work listed in point #1. WebAssign also allows you to direct questions to me, but in some cases a face-to-face meeting will work best.

A Few Technical Matters:

1. Academic dishonesty will not be tolerated and will be dealt with in accordance with University policy.
2. Any student may be withdrawn who missed more than 10% of total class time.
3. Always behave in a manner that respects the professor and fellow students. This includes refraining from conversations while the professor is teaching. Be on time for class, and if you must leave early, please let me know ahead of time.