



# Course information



Real estate finance (RE710)

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# Grading

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- HW (30%), midterm (30%), final (40%)
- HW assignments are due at the beginning of lecture on the due date
- Midterm: 10/29, in class
- Final: TBA



# Course plan

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1. Preliminaries
2. Foundations of Asset Pricing
3. Real Estate Investment Analysis
4. Mortgages
5. Topics



# Course Material

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1. Power Point slides
2. Recommended textbook: “Commercial Real Estate Analysis and Investments,” Geltner, Miller et. al. (GM)



# Tools

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## 1. Excel

- a) Basics
- b) Financial functions (NPV, IRR, PMT...)
- c) Math and statistical functions (SUM, AVERAGE, ...)
- d) Logical functions (IF...)
- e) Goal seek
- f) Scenario analysis macro
- g) Data analysis toolpak (regressions, RAND...)

## 2. Math

- a) Basic algebra
- b) Geometric sums
- c) Notions of probability

## 3. Financial calculator

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# Bloomberg

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- A gold mine and a must for capital market analysts
- If you become certified by class' end, your lowest HW grade will become a 100



# How to turn in computer tasks

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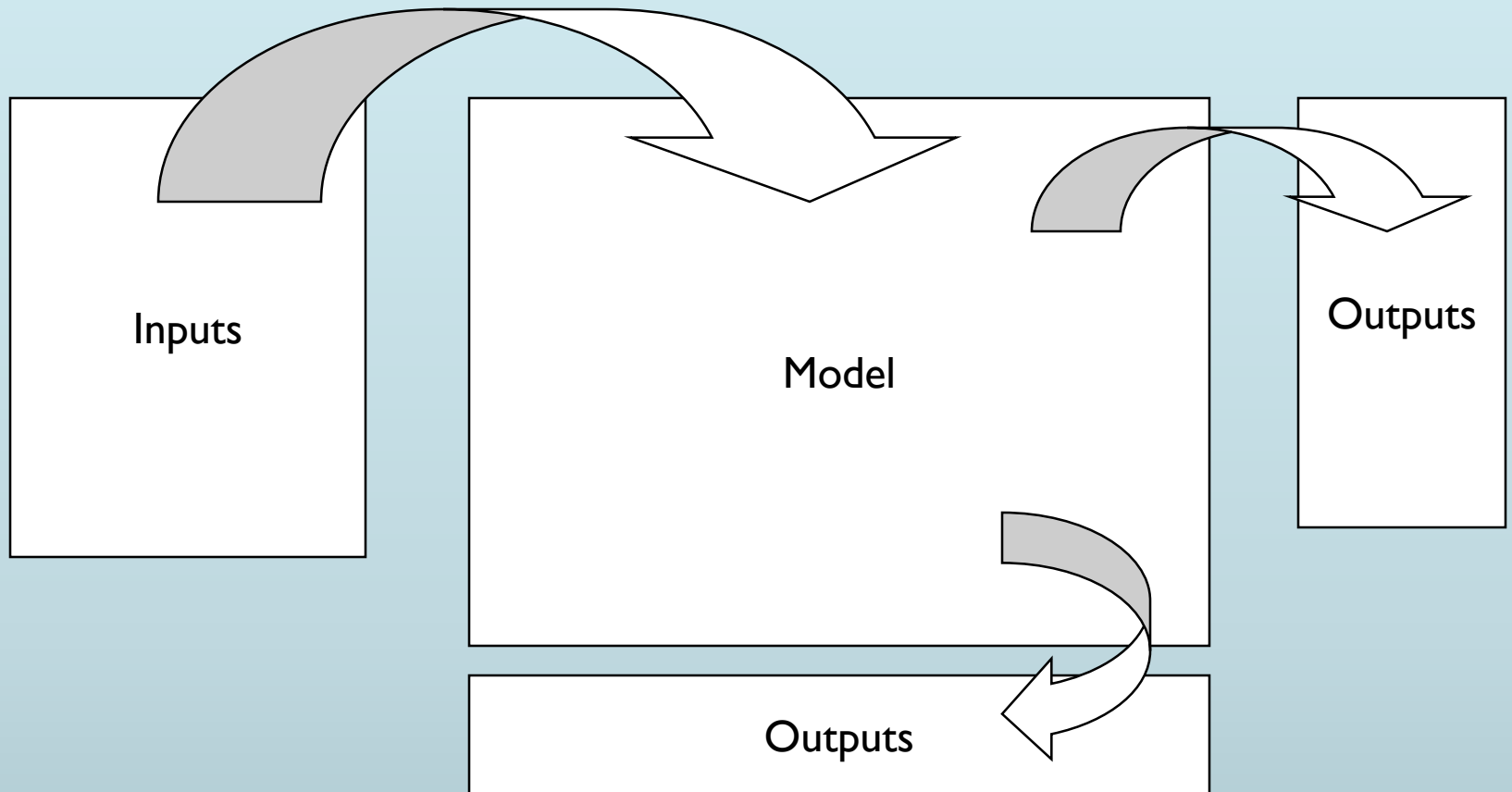
- Include print-outs of the **KEY** Excel sheets you used to derive answers
- Keep it short. Hide most data in long tables. Show me enough, but not more.





# Excel etiquette

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# Good spreadsheets

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1. Correct, clean and clear
2. As simple as possible
3. Use multiple sheets when and only when necessary



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# Questions?

