

**Econ720 -- Lutz Hendricks -- UNC -- Department of Economics**

# **Econ720: Advanced Macroeconomic Theory (PhD)**

**Fall 2016. Prof. Lutz Hendricks. UNC**

## **Course objective:**

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Econ720 is the first course in the macro PhD sequence. Its objective is to teach basic versions of the standard models commonly used in macroeconomics. In parallel, the course develops the mathematical methods used to characterize the equilibria of the models. This is a pure theory course.

## **Organization:**

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- Two lectures per week: MW, 2-3:15
- The assigned class room is Carolina 104, but we will try to move to Gardner.
- Recitation: Fri 9:30-10:20, Fetzer Hall 104
- TA: Andrew Hanson

## **Grading:**

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- Midterm: 45%. Final: 45%. Problem sets: 10%. Exams are closed book and cover all material taught.
- Review problems are for your practice and not to be turned in. Many are questions from previous exams.

## **Text:**

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- Acemoglu, Introduction to Modern Economic Growth, MIT Press, ISBN-13: 978-0691132921
- Additional readings are in the slides.

## Rules:

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- Questions and comments are always welcome.
- You should download the slides before each class. However, I tend to change details even after posting the slides.

## Previous Exams

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- Qualifying exams: August 2009, January 2010, August 2010, January 2011, August 2011, January 2012, August 2012, January 2013, August 2013, January 2014, August 2014, January 2015, August 2015, January 2016, August 2016.
- Final exams: 2009, 2010, 2011, 2012, 2013, 2014, 2015.
- Midterms: 2008 (Iowa State), 2009, 2009 take 3, 2010, 2011, 2012, 2013, 2014, 2015.

## Additional Notes

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- Reading material is listed at the end of the slides.
- Dirk Krueger's [Macroeconomic Theory](#) manuscript (2002 version).
- Per Krusell's [Real Macroeconomic Theory](#) manuscript
- General background notes on macroeconomics
- Notes on mathematics
- Notes on optimization