

STAT/ECON 474 Game Theory
Final Exam Study Guide

- The final exam is on Monday May 2 at 10:30 in 216 Taft Hall.
- The exam will be cumulative but will focus on later material in the course
- I expect the exam to be only slightly longer than the midterms but you will have the full 2 hours to complete it.
- There is a week-by-week syllabus on the webpage:
<http://www.math.uic.edu/~marker/stat473-S16/wtw.html>
- Consult the earlier study guides for a list of material covered on those exams. Since midterm 2 we have discussed Bayesian games, extensive games of incomplete information, perfect Bayesian equilibrium, signaling and looked at auctions on mechanism design.
- The material covers since midterm 1 corresponds to Chapters 20, 23, 24 of the text + one lecture on evolutionary games. I did not follow the text closely. There are some on-line resources that you might find useful on this material.
 - video lectures on game theory including a good section on Bayesian games
<https://class.coursera.org/gametheory-003/lecture>
 - lecture notes on Bayesian games and auctions
<http://www.econ.ohio-state.edu/jpeck/Econ5001/econ601113.pdf>
 - lecture notes on perfect Bayesian equilibrium and signaling games
<http://www.econ.ohio-state.edu/jpeck/Econ601/Econ601L15.pdf>
 - lecture notes on evolutionary game theory
http://www3.ul.ie/ramsey/Lectures/Operations_Research_2/gametheory3.pdf
- **Most** of the exam problems will be similar to the problem sets but there will also be several short answer (Definitions or TRUE/FALSE questions like the ones on earlier exams.)
- I will have office hours
 - Mon 4/25 1:00–3:00
 - Wed 4/27 9:00–10:00, 3:00–5:00
 - Thu 4/28 9:00–10:30I will try to also be available Mon 5/2 9:00-10:00 (Note: *I will be flying into Chicago on 5/2 and it is possible I will be late for these office hours*)