Department of Economics, University of Melbourne

ECON90002 – Microeconomics - 2015

Outline

Instructors:

Lectures: Simon Loertscher
Office Hours: Thursday 1:00pm – 2:00pm
email: simonl@unimelb.edu.au

Tutorials: Todd Morris (first 6 weeks of semester)
Consultation: Tuesday 2:00pm to 3:00pm
email: t.morris2@student.unimelb.edu.au

Svetlana Danilkina (second 6 weeks of semester)
Consultation: TBA (room FBE 420)
Email: sdanilki@unimelb.edu.au  Please include Econ90002 in the subject line of your email.

Lecture Times and Locations:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Wednesday</td>
<td>8:30am – 10:00am</td>
<td>FBE 205</td>
</tr>
<tr>
<td>Thursday</td>
<td>3.15pm – 4.45pm</td>
<td>757 Swanston Street 224</td>
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(Harold White Theatre)

Tutorial Times and Locations:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Wednesday</td>
<td>4:15pm - 5:15pm</td>
<td>FBE-210</td>
</tr>
<tr>
<td>Wednesday</td>
<td>5:15pm - 6:15pm</td>
<td>FBE-210</td>
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The tutorials start from the first week.

Assessment

- A 3-hour end-of-semester examination (60%), closed book, during the exam period
- A ninety minutes (=1.5 hour) midterm exam (20%), closed book, 16 April 2015, 3:15pm – 4.45pm.
- Four Assignments (20%): online submission by 11.55pm on due day or hard cover copies to be slipped under Svetlana’s office door (FBE 420) on due day.
### Key Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Thursday, 26 March</td>
<td>Assignment 1 due</td>
</tr>
<tr>
<td>Break (Easter non-teaching period):</td>
<td>3 - 12 April</td>
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<tr>
<td>Thursday, 16 April</td>
<td>Midterm (3.15pm to 4.45pm)</td>
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<td>Thursday, 23 April</td>
<td>Assignment 2 due</td>
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<td>Thursday, 14 May</td>
<td>Assignment 3 due</td>
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<tr>
<td>Friday 29 May</td>
<td>Assignment 4 due</td>
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### Useful textbooks:

There is no fixed textbook, but the following are useful background textbooks.

- [FT] Fudenberg and Tirole: *Game Theory*.
- [JR] Jehle and Reny: *Advanced Microeconomic Theory*.
- [K] Kreps: *A course in Microeconomic Theory*.
- [OR] Osborne and Rubinstein: *A Course in Game Theory*.
- [R] Rubinstein: *Lecture Notes in Microeconomic Theory*.
- [S] Salanie: *The Economics of Contracts*.
- [V] Varian: *Microeconomic Analysis*.

The lecture notes will be posted on LMS in advance. Please print out and read them before the lecture. The lecture notes plus the relevant readings from the above-mentioned textbooks are the primary material for this course.

### Lectures Topics:

**Topic 1** - Weeks 1-3: Consumer and Producer Theory

**Topic 2** - Weeks 3-4: Decisions Under Uncertainty
- Reference textbooks for topics 1-2: [MWG], [JR], [V], [K]

**Topic 3** - Weeks 5-6: Static Games of Complete and Incomplete Information
- Reference textbooks for topic 3: [OR], [G], [FT], [MWG], [JR], [K]

**Topic 4** - Weeks 7-8: Hidden Action: Moral Hazard
- Reference textbooks for topic 4: [S], [LM], [MWG], [JR], [K]

**Topic 5 - Weeks 8-9: Adverse Selection**
- Reference textbooks for topic 5: [S], [LM], [MWG], [JR], [K]

**Topic 6 - Weeks 10-12: Auctions and Mechanism Design**
- Reference textbooks for topic 6: [FT], [VJK], [MWG], [JR]