



## MICROECONOMICS SYLLABUS

EMLE 2024/2025

Rotterdam, 1st term

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### Method of examination

Final exam: 100%

Date: Monday 4<sup>th</sup> of November, 13:30 –16:30

### Participation

Class attendance and participation are highly encouraged, in addition to the completion of the (non-graded) assignments

### Literature

*Textbook: Robert S. Pindyck & Daniel L. Rubinfeld, Microeconomics, 9th edition*

Suggested reading: Robert D. Cooter and Thomas S. Ulen, Law and Economics, 6th edition

### Course structure

#### 12 lectures

1. Demand and Supply

2. Elasticity

3. Math review

4. Behind demand: Consumer behavior

5. Behind supply: Production

6. Competitive markets

7. Welfare analysis and intervention

8. Market power and strategy

9. Price discrimination

10. Game theory

11. Market failures

12. Recap + Q&A

#### Preparation

Chapters 1 and 2

Chapter 4

Chapters 3 and 5

Chapters 6 and 7

Chapter 8

Chapter 9

Chapter 10 and 12

Chapter 11

Chapters 13

Chapters 17 and 18

#### Except

1.3-1.4; 2.6

4.5-4.6

3.4; 3.6; 5.4

7.5-7.7

8.5-8.7

9.4-9.5

10.4-10.6; 12.5

11.3-11.6

13.8

17.5-17.6; 18.3

#### 6 Tutorials

See assignment booklet

#### 2 Review sessions

See additional exercises on Canvas

## Schedule

Week 1 (30<sup>th</sup> of September – 4<sup>th</sup> of October):

- Tuesday 15.00-16.45 – Polak 3.09 – Lecture 1
- Wednesday 11.00-12.45 – Sanders 0.10 – Lecture 2
- Wednesday 15.00-16.45 – Sanders 0.12 – Lecture 3
- Thursday 11.00-12.45 – Sanders 0.12 – Lecture 4 - *See webcasts “Demand” and “Risk” in advance*

Week 2 (7<sup>th</sup> – 11<sup>th</sup> of October):

- Monday 11.00-12.45 – Sanders 0.10 – Tutorial 1
- Wednesday 11.00-12.45 – Sanders 0.10 – Lecture 5
- Wednesday 15.00-16.45 – Sanders 0.12 – Tutorial 2
- Thursday 11.00-12.45 – Theil C1.1 – Lecture 6 – *See webcast “Perfect Competition” in advance*

Week 3 (14<sup>th</sup> – 18<sup>th</sup> of October):

- Monday 11.00-12.45 – Sanders 0.10 – Tutorial 3
- Wednesday 11.00-12.45 – Sanders 0.10 – Lecture 7
- Wednesday 15.00-16.45 – Sanders 0.12 – Review session 1
- Thursday 11.00-12.45 – Sanders 0.12 – Lecture 8 – *see webcast “Monopoly” in advance*

Week 4 (21<sup>st</sup> – 25<sup>th</sup> of October):

- Tuesday 11.00-12.45 – Sanders 0.10 – Tutorial 4
- Wednesday 11.00-12.45 – Sanders 0.10 – Lecture 9
- Wednesday 15.00-16.45 – Sanders 0.12 – Tutorial 5
- Thursday 11.00-12.45 – Sanders 0.12 – Lecture 10 – *See webcast “Game Theory” in advance*

Week 5 (28<sup>th</sup> of October – 1<sup>st</sup> of November):

- Monday 11.00-12.45 – Sanders 0.10 – Lecture 11
- Wednesday 11.00-12.45 – Sanders 0.10 – Tutorial 6
- Wednesday 15.00-16.45 – Sanders 0.10 – Review session 2
- Thursday 11.00-12.45 – Sanders 0.10 – Lecture 12

Week 6 (4<sup>th</sup> – 8<sup>th</sup> of November):

- Monday 13.30-16.30 – Exam

## Course instructions

Students are recommended to read the relevant chapters in the book before they are covered in class. Students are expected to have completed the corresponding exercises of the assignment booklet before the start of the tutorial session. The exam will be based on the topics of the book that are covered in class, the lectures, the webcasts, and the tutorials. It is suggested to bring a calculator (basic one should suffice), notebook, and writing utensils to class. Digital substitutes can also be used as long as it is possible to draw graphs, perform calculations, and save the work for later revision.

