

Syllabus: Macroeconomics I

Autumn 2025

Instructor: Hui-Jun Chen

Last Update: October 28, 2025

Lastest Version: [Click Here](#)

Course Overview

- Course website:
 - Materials: [Webpage](#)
- Meeting Time: Thursday 10:10 - 13:00 (R34n)
- Location: TSMC Building 224
- Office: TSMC Building 729-B
- Email address: huijunchen@mx.nthu.edu.tw
- Please do not hesitate to email me and set an appointment outside of regular office hour. To get quicker email reply, I would prefer you to:
 1. Use [Macro] at the beginning of your subject title.
 - example title: [Macro] Question regarding Extra credit
- I will reply your email within 2 *business day*.
- Office hour: By appointment
- Teaching Assistant:
 1. 陳建廷 (email: ericchen904230331@gmail.com)
 2. 曾子齊 (email: freeboard2001@gmail.com)
- TA Office hour: 15:20 - 16:20, Tuesday at Room 515, TSMC Building

Grades

| Categories | Points |
|---------------------------------|------------|
| Problem sets on course material | 20 points |
| Midterm Exam I | 20 points |
| Midterm Exam II | 20 points |
| Final Exam | 30 points |
| Attendance | 10 points |
| Total | 100 points |

See course schedule, below, for due dates

Grading Policy

Examinations Integrity Policies

Problem Sets: Discussions are **encouraged**, but each person must hand in their own answer sheets

Examinations: Discussions are **forbidden**, either face to face or via online discussion board / Social media.

Curving

If less than 40% of the students get A- or above, I will add some points to everybody until 40% of the students get A- or above, but I don't expect this to occur.

Problem Sets

There are four problem sets and each of them worth 5 points. The way to calculate semester grade on problem set is by $\frac{\text{correct answers}}{\text{total number of questions}} \times 5$. For example, if there are 36 questions and you answer 30 correctly, then you will get $\frac{30}{36} \times 5 \approx 4.16$ points in semester grade.

Problem sets will be answered on paper, and will be submitted by the class time to TA.

Note that overdue assignment will **NOT** be accepted.

Exam

There are two midterm exams and each of them worth 20 points. There is one final exam and it worths 30 points. The way to calculate semester grade on exams is the similar to the Problem Sets if not otherwise noted.

Attendance

If there are more than 50% of students attend the class, then I will not take attendance. If I have not taken attendance until the end of semester, then every students will be granted the entirety of the

attendance points. If I start to take attendance, then I will spread 5 to 10 attendance check across the rest of the semester, and the attendance points will be recorded accordingly.

Tentative Course Schedule

| Week | Day | Topics and Readings | Deadlines |
|------|-------|--|---------------|
| 1 | 9/4 | Topic: Introduction Topic: Measurement I | |
| 2 | 9/11 | Topic: Measurement II Topic: Consumer Preference I | |
| 3 | 9/18 | Topic: Consumer Preference II Topic: Examples | Problem Set 1 |
| 4 | 9/25 | Topic: Firms Topic: Competitive Equilibrium | |
| 5 | 10/2 | Topic: Social Planner's Problem Topic: Examples | Problem Set 2 |
| 6 | 10/9 | Midterm I | |
| 7 | 10/16 | Midterm Recap Topic: Distorting Taxes | |
| 8 | 10/23 | Topic: Two Period Consumer Problem Topic: Two Period Equilibrium | |
| 9 | 10/30 | Topic: RBC Model Part 1: Consumer Topic: RBC Model Part 2: Firm | |
| 10 | 11/06 | Topic: RBC Model Part 3: Competitive Equilibrium Topic: RBC Model Part 4: Examples | |
| 11 | 11/13 | Topic: RBC Model Part 5: Applications Topic: Solow Model and Dynamic Programming Online class: Going to the US for conference | Problem Set 3 |
| 12 | 11/20 | Midterm II | |
| 13 | 11/27 | Topic: Asset Pricing: Endowment Economy Topic: Asset Pricing: Production Economy | |
| 14 | 12/04 | Customized Class | Problem Set 4 |
| 15 | 12/11 | Customized Class Final Review | |
| 16 | 12/18 | Final Exam | |

Grading scale

See <https://registra.site.nthu.edu.tw/var/file/211/1211/img/609/grade-plan.pdf> for NTHU definition.