

MATH 4720 Introduction to Statistics

Welcome Abroad! 🙌🙌

Dr. Cheng-Han Yu

Department of Mathematical and Statistical Sciences

Marquette University

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Taipei, Taiwan



My Journey

- MA in Economics/PhD program in Statistics



- PhD in Statistics



- Postdoctoral Fellow



- Assistant Professor (2020/08 -)



How to Reach Me

- Office hours **MW 4:45 - 5:45 PM** and **Tu 1 - 2 PM** in **Cudahy Hall 353**. Mask up please 🙄 🙄
- Meeting via Teams if you need/like.
- ✉️ cheng-han.yu@marquette.edu
 - Answer your question within 24 hours.
 - Expect a reply on **Monday** if shoot me a message **on weekends**.
 - Do not receive my response within two days? Please re-send your message.
 - Start your subject line with **[math4780]** or **[mssc5780]** followed by a clear description of your question.


To: Cheng-Han Yu ▾ |

Cc:

Subject: [math4720] Make an appointment on next Monday at 3 pm

- I will **NOT** respond to your e-mail if ... **Check the email policy in the syllabus** (on D2L)!

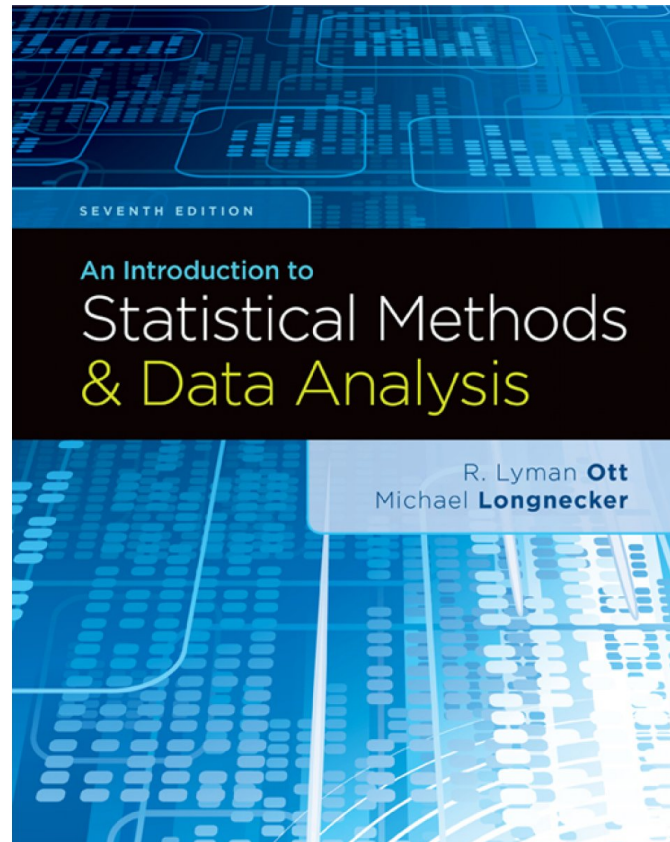
TA Information

- Name: **Ke Xu**
-  k.xu@marquette.edu
- Office/desk help hours (in-person):
 - To be Determined.
- Welcome to set up a meeting with your TA via Teams.
- Responsible for homework and quiz grading.
- Let me know if you need any other help! 😊



Textbook

- [*An Introduction to Statistical Methods & Data Analysis, 7th edition*](#), by R. Lyman Ott, Michael Longnecker. Publisher: Cengage Learning.
- We will learn Chapter 1 to 11.



Learning Management System (D2L)

🏠 MATH 4720 101 Statistical Methods



Course Home Content Classlist Communication ▾ Assessments ▾ Resources ▾ Edit Course



News ▾

Welcome to MATH 4720 (MSSC 5720) ▾



Updates

There are no current updates for MATH 4720 101 Statistical Methods

- Any new announcement will be posted in **News** in **Course Home**.
- **Content > Start Here: Course Information** includes syllabus and other useful information.
- Week modules (**Content > Week 1 to Week 15**) include course materials.
- Go to <https://www.marquette.edu/remote-learning/d2l.php> to learn more about D2L.

Grading Policy ✨

- Your final grade is earned out of **1000 total points** distributed as follows:
 - **Homework 1 to 8: 240 pts (30 pts each)**
 - **Quiz 1 to 4: 200 pts (50 pts each)**
 - **Exam 1 and 2: 300 pts (150 pts each)**
 - **Final exam: 260 pts**
- **✗** No extra credit projects/homework/exam to compensate for a poor grade.
- Individual grade will **NOT** be curved.
- This is not a course that gives most of students grade A. Want to obtain a good grade? Study hard. No pain, no gain! 🖊️ 🖊️

Grade-Percentage Conversion


- Your final grade is based on your percentage of points earned out of 1000 points.
- $[x, y)$ means greater than or equal to x and less than y .

Grade	Percentage
A	[93, 100]
A-	[90, 93)
B+	[87, 90)
B	[83, 87)
B-	[80, 83)
C+	[77, 80)
C	[73, 77)
C-	[70, 73)
D+	[65, 70)
D	[60, 65)
F	[0, 60)


Homework (240 pts)

- **Assessments > Dropbox** and upload your homework in **Microsoft Word** or **PDF** format.
- 8 homework sets graded by your TA.
- You must submit YOUR OWN work. 🙏
- **✗ No make-up homework.**
- Every homework is due by **Friday 11:59 PM (Don't miss it. This is a hard deadline !)**.
- In general **one week** is allowed to finish your homework.





Quizzes (200 pts)

- 4 in-class quizzes graded by your TA.
- Questions in the quizzes are similar to homework questions. So do the HW!
-  Quizzes are individual and in closed-book format.
- **✗** No cheat sheet is allowed.
- **✗ No make-up quizzes** unless you miss quizzes due to COVID-19 symptoms, exposure, diagnosis, quarantine, and/or isolation, or you have an excused absence as defined in [Attendance in Academic Regulations](#).

Exams (560 pts)

- 2 midterm exams and 1 final exam graded by your instructor and TA.
- Have in-class and take-home parts.
-  1 **page** of **letter size** cheat sheet is allowed. It has to be turned-in with your in-class exam.
- **Assessments > Dropbox** to submit your take-home exams in **Word/PDF** format.
- Exam 1 covers Chapter **1 to 4** (Week 1 to 6).
- Exam 2 covers Chapter **5 to 8** (Week 7 to 11).
- Final exam is comprehensive and covers the **all course materials.** 😎
- **✗ No make-up exams** unless you miss exams due to COVID-19 symptoms, exposure, diagnosis, quarantine, and/or isolation, or you have an excused absence as defined in [Attendance in Academic Regulations](#).

What Computing Language We Use (I Teach)?

-  The best language for statistical computing!
-  If you do **NOT** want to learn R, choose another section!
-  You may use other tools or software to do your work, but I will **NOT** teach any of them.
-  Drop/Swap deadline: **09/07/2021**. Don't miss it!



<https://www.r-project.org/>

Integrated Development Environment (IDE) for R



Studio[®]

[RStudio Website](https://www.rstudio.com/)

Academic Integrity

This course expects all students to follow University and College statements on [academic integrity](#).

- **Honor Pledge and Honor Code:** *I recognize the importance of personal integrity in all aspects of life and work. I commit myself to truthfulness, honor, and responsibility, by which I earn the respect of others. I support the development of good character, and commit myself to uphold the highest standards of academic integrity as an important aspect of personal integrity. My commitment obliges me to conduct myself according to the Marquette University Honor Code.*
- **XXXX** You know what I am talking about. Yes, **DO NOT CHEAT.** **XXXX**

Attendance and COVID-19

- It is **your** responsibility as a Marquette University student to protect the health and safety of our community in this course.
- Visit [What to do if you are exposed to COVID-19 or test positive](#) website for university guidelines on the best course of action.
- Visit guidance on Fall 2021 [Class attendance, withdrawal, and grading](#)
 - Students are responsible for contacting instructors prior to the missed class session to indicate absence and the need to make up classwork/assignments.
 - Students requesting make up classwork/assignments are required to provide the COVID Cheq "stop sign" to confirm inability to attend class.

Comments and Questions from the Background Survey

? Is the textbook completely necessary for this course?

👉 Some of the examples in the course slides are from the textbook, and most of the homework questions are exercises in the textbook.

? ...I am a bit nervous about coding

👉 We won't touch advanced R programming (MATH 4750), but some data types and R functions/commands used for basic statistical analysis. No worries. You will be all right!

? Just hoping I pass

👉 Study hard. It will pay off!

 **Please read the syllabus!!!**