

Classes: 9 AM - 10:30 AM (Saturday-Monday)

Instructor: • Dr. Tavassolipour (tavassolipour@ut.ac.ir)

Chief TA: • Hesam Asadollahzadeh (asadzadeh.hesam@ut.ac.ir)

Teaching Assistants:

- Supervisor - Masoud Tahmasbi (masoud.tfard@gmail.com)
- Supervisor - Soroush Mesforoush (soroush.mes@gmail.com)
- Supervisor - Alireza Javid (alirezajavid.2001@gmail.com)
- Supervisor - Nesa Abbasi (nesaabbasi4@gmail.com)
- Supervisor - Ali Mohammadi (1380ali.mohamadi@gmail.com)
- HW#0 - Arshiya Ataei (arshiya.ataei81@gmail.com)
- HW#1 - Mehdi Jamalkhah (mehdijmlkh1382@gmail.com)
- HW#2 - Elahe Khodaverdi (elahekhodavrدي@gmail.com)
- HW#3 - Ali Aryaee (aliaryaee3@gmail.com)
- HW#4 - Salar Safardoost (salar.sfd@gmail.com)
- HW#5 - AmirMahdi Ansaripour (ansaripouramirmahdi@gmail.com)
- HW#6 - Nafiseh Moghanizadeh (nmoghanizadeh@gmail.com)
- HW#7 - Sarah Masoomi (sarah.masoomi31@gmail.com)
- CA#0 - Ali Mohajeri (10.ali.mohajeri@gmail.com)
- CA#1 - Ali Ataollahi (aliataollahi40@gmail.com)
- CA#2 - Matin Bazrafshan (matinbazrafshan2003@gmail.com)
- CA#3 - Navid Akhavan (navidakv@gmail.com)

Resources:

- Course page on elearn.
- S. M. Ross, **A First Course in Probability Theory**, 8th Edition, Prentice Hall, 2009
- A. Papoulis and S. Pillai, **Probability, Random Variables and Stochastic Processes**, 4th Edition, McGraw Hill, 2002.
- D. P. Bertsekas and J. N. Tsitsiklis, **Introduction to Probability**, 2nd Edition, Athena Scientific, 2008.

Q&A Group:

- [Telegram group](#)

Deadlines:

- You have a total of 12 grace days for homework and computer assignments.
- Grace days will be applied to your late submissions at the end of the semester, ensuring that the minimum grade penalty is calculated based on the weight of each homework or computer assignment.
- Computer Assignments:
 - You can upload computer assignments up to **seven** days after the deadline.
 - You will incur a penalty of 5% per day if you submit within **two** days after the deadline.
 - After that, a penalty of 10% per day will apply.
- Homework:
 - You can upload homework up to **three** days after the deadline.
 - A 15% penalty per day will be applied if you submit within **three** days after the deadline.
- Homework **solutions** will be uploaded after **three** days, except in exceptional cases such as before midterm or final exams.

Quizzes:

There will be some quizzes that will be taken in-class time.

Cheating:

You are cheating if:

- You copy someone else's work from current or previous semesters.
- You have someone else's codes in your possession and upload them as your assignment (even by mistake).
- There is a considerable similarity between two codes (in any kind).
- Search for a code on the internet which directly leads to an assignment or homework solution.
- Using ChatGPT (or any other similar AI tool) to directly generate solutions and copying them without any changes.
- Co-thinking is not a problem in doing projects and exercises, but it must be done individually.

The consequence of cheating:

- **IMPORTANT:** Cheating on assignments/homework will result in receiving -100% penalty on that assignment/homework for every student involved, either source or destination.
- **IMPORTANT:** Cheating on assignments/homework for a second time or on written exams will result in a referral to the Office of Academic Affairs and failing the course.

Environment: Python3, Jupyter Notebooks

Grading:

- Homework: $\approx 20\%$
- Computer Assignments: $\approx 10\%$
- Quizzes: $\approx 5\%$
- Midterm: $\approx 30\%$
- Final: $\approx 40\%$

• Each section may include bonus marks. It's important to note that these bonus marks can just enhance your grade for that specific section. Thus, there is a maximum limit on how much they can contribute to your overall grade. For instance, even if your bonus marks exceed the threshold, you can only acquire a maximum of 20% of your grade from the homework section.

Cut Off: Obtaining at least 25% of homework marks +
Obtaining at least half of the total exams marks (midterm + final)