

BLG 322E Computer Architecture

Important information:

Prerequisites:

BLG 222E Computer Organization with a grade of at least DD.

To understand the more advanced topics in computer architecture, you will also need to remember what you learned in **BLG 231E** Digital Circuits and **BLG 212E** Microprocessor Systems.

Grading:

Midterm: 40%,

Assignments: 20%,

Final exam: 40%

Eligibility to take the final exam:

1.Attendance:

According to the Academic Regulations of the University, students are required to attend 70% of lectures.

Any student who does not fulfill this requirement **will not be allowed take the final exam** and will get a grade of **VF**.

2. Mid-semester average grade:

To take the final exam, a student's mid-semester average grade must be at least **35/100**.

Average mid-semester grade = $(0.20 * \text{Assignments} + 0.40 * \text{Midterm}) * 100/60$

Any student who does not fulfill this requirement **will not be allowed take the final exam** and will get a grade of **VF**.

Course grade:

- Your grade for this course will be determined by your scores on the midterm, homework, and the final, not by any external circumstances which you think are "special" or "unique".
- The only valid way to pass the course is to work hard and get sufficient grades in exams and assignments.
- If you are having difficulty, ask us for help in understanding the material early on. Talking to the instructors and begging at the end of the semester will not help you to pass the course.

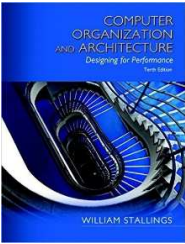
Course Material and Announcements on Course Site:

- The official website of the course is in the Ninova e-learning system. (<http://ninova.itu.edu.tr>)
- Students officially registered for the course can log in to the system using their İTÜ user IDs and passwords.
- You are expected to check the Ninova web site and your İTÜ e-mail for homework and announcements. In addition, you are responsible for all announcements that may be made on the course web site and in class.

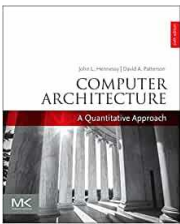
Academic honesty:

You are expected to read the Undergraduate Education Regulations (<https://www.sis.itu.edu.tr/TR/mevzuat/lisans-yonetmelik.php>) and ITU Academic Honesty Pledge (<https://www.sis.itu.edu.tr/TR/mevzuat/akademik-onur-sozu-esaslar.php>) and behave accordingly. Cheating on the exams or on homework will be punished in the most severe manner, resulting in failing the course with a grade of VF, as well as disciplinary action. Every piece of work that you turn in with your name on it must be yours and yours alone. No coworking is allowed on any test or homework. You must not turn in work that is not yours. You may not copy anything from the Internet.

Text Books:



William Stallings, **Computer Organization and Architecture**, 10/e, Prentice Hall, 2016.



John L. Hennessy, David A. Patterson, **Computer Architecture, A Quantitative Approach**, 6/e, Morgan Kaufmann, 2017.