Class Meeting Time: Friday 11:15am-2:15pm, ARJ 105
  • Lectures will also be livestreamed via WebEx at https://uconn-cmr.webex.com/meet/omk12001

Instructor: Prof. Omer Khan
Email: khan@uconn.edu
Office Hours: Online via WebEx or Teams by appointment via email
Course website: https://khan.engr.uconn.edu/courses/comparch_f20/index.html

Course Overview: This course represents a serious introduction at a senior undergraduate and introductory graduate level into how computers work. Computing involves architecture at many levels. We will focus on the instruction set architecture level (sometimes called the machine architecture) and the microarchitecture level (often called the implementation architecture). We will review to some extent the level below the microarchitecture (the logic design level), relying mainly on the knowledge you already have obtained, and we will cover to some extent the level above the instruction set architecture (program translation) in order to demonstrate our understanding of some of the concepts. The intent of the course is to provide a comprehensive understanding of how the various levels interplay, and answer the question of how the machine works.


Grading Policy CSE 4302:
  Three Exams (including final exam) 50%
  Homework & Programming Assignments 45%
  Class Participations 5%

Grading Policy ECE 5402 / CSE 5302:
  Two Midterm Exams 40%
  Homework & Programming Assignments 55%
  Class Participations 5%

Rules:
• Welcome to Fall 2020! The School of Engineering has prepared all face-to-face learning spaces in accordance with UCONN COVID best practices. It is important for everyone to commit to following these best practices to keep our Engineering community COVID free. Your buy-in to the measures in place at the start of semester will help us continue with in-person learning until Thanksgiving. Failure to adhere to these preventative practices will surely result in another closing of our campus to in-person instruction. Thank you all for your cooperation!
• The ECE Department takes the issue of academic integrity in education and research very seriously. Any instances of academic and scholarly misconduct (cheating, plagiarism, falsification/distortion of data, etc.), if substantiated, will have major consequences for the student. Please read the academic misconduct policy, and ensure that you maintain the highest ethical standards in all your work.
  o https://community.uconn.edu/academic-misconduct/
• Students with Disabilities: The Center for Students with Disabilities (CSD) at UConn provides accommodations and services for qualified students with disabilities. If you have a documented disability for which you wish to request academic accommodations and have not contacted the CSD, please do so as soon as possible. The CSD is located in Wilbur Cross, Room 204 and can be reached at (860) 486-2020 or at csd@uconn.edu. Detailed information regarding the accommodations process is also available on their website at www.csd.uconn.edu.
• Participation in class discussion and attendance of lectures is strongly encouraged.
• Completion of programming assignments is required.
• Make-up exams will be given only in extraordinary situations. Excused absence from an exam must be obtained in advance except under very rare circumstances. All exams will be closed book, with no exceptions.