# Summary of the course

This summer, I have an unforgettable vacation because I chose a course that lasted a long time and was a little difficult. But I have no other choice, as a student majoring in Computer Science and Technology, I can’t get away from this course. There are a lot of content in this course. In fact, each chapter can become a book if teacher want. Though we have about 20 days, we are pressed for time and we need to review the book after we come back home.

I have learned the logical circuit and assembly language of the LC-3 machine and other things. I have understood that the complex computers are made up of some simpler circuits. The complex functions can be implemented by simple calculations. It is a little difficult to figure out but with the gradual deepening of learning, I have a feeling of satisfaction. And I have more respect for the predecessors who find these knowledges, they are really intelligent and honorable. The assembly language is a little different from C language. It doesn’t have ready-made functions which can implement complex functions. It just have some simple instructions to store, load and calculate numbers. In the Lab we have done, I use assembly language to solve these complex problems which improved my logical thinking ability. All in all, I gained a lot from this course.

In addition, though Professor Patt is an excellent teacher. My ability to English is getting in the way of my studies. Fortunately, there are many enthusiastic and capable Tas and Mrs. Jiang to help me better understand the knowledge. I want to study hard and be a TA next term, too.

My English is not so well. So maybe that’s all I want to say. Finally, I want thank Professor Patt, Mrs. Jiang and all the TAs of the course.