

## Computer Science 415.340

### Operating systems

### IMPLEMENTATION.

We have now surveyed all the components we shall need to build our operating system, and found out in general terms what we want to do with them. In discussing memory and processes, we began to see how to make the system work; that's a little untidy, but you can hardly discuss processes without thinking about them in action, and you can't have processes in action without using memory. The rest of the course is, in one way or another, about how to implement the system facilities that we want.

We present this in two parts. In this section, we first deal briefly with tools and techniques for constructing the systems, and then discuss the problems of controlling devices outside the computer itself ( the methods we've seen already look after the inside of the computer ); in the next section, we direct our attention to the organisational task of keeping all the activities in order.

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