Final exam

Complete and submit this examination as an electronically as a single document by 5:00 PM December 10 2003

1) Use the process icons presented in class to indicate how you would fabricate the following nano scale device. Make sure you arrange the icons you select in the correct process order. Provide as much detail about each process step that you can.

![Nano scale device diagram](image1)

2) Indicate, using the process icons presented in class how you would fabricate the following micro/nano scale tube to sort cells. As above, show icons in correct process order and add as much detail as you can.

![Micro/nano scale tube diagram](image2)

3) Using the icons for the processes presented in class, build a micro scale resistor.