

ECE609 Spring07
HOMEWORK 5
Creative Writing

Let us assume that you are ten years from now. You find a seat in the local coffee shop when while in a sudden you meet a friend you did not see in ten years ! What a surprise ! the world is so small, indeed, this is a friend from the ECE UMass graduate school. You chat a little bit about your current life, but quickly move the conversation to souvenirs of the past. After long hours talks, you friend is asking you which classes did you take at UMASS; You answer “Oh yes, I remember I took 603, 608, 609,..”, then you friend stops you and says “609, I never took this class, I think it was something like physics of semiconductor devices, anyway I do not even know what is a semiconductor ?”. Maybe it is the nostalgia of the past, the enthusiasm to see again an old friend, the tiredness and loss of inhibitions after long hours talking, who knows why you are taking his question seriously ? Anyway you prepare a very serious answer. (You have approximately 3-4 pages, using a text editor 11 or 12 pts, you will limit your answer covering only ALL the first chapter of the class)