## ELEX 7820 Lab Project Guidelines – Draft 2

Start = Week of Oct 23, End = Week of Dec 4-8 (week before Final Exams)

Total = 7 weeks Submit: Report and Demo to Instructor during Dec 4-8

Teams of Two (OK if in different sets)



## Notes:

- 1. Try to have some creativity, but note that the priority is to show successful incorporation of the mandatory items; it is not necessary to come up with a highly creative idea, but creativity is a part of the marking.
- Some teams might want to control the Quanser motors for their project. If so, you need to control two mechanically-ganged motors with one LaunchPad to effect two-dimensional motion in some creative way. I have more info on this. Also, you need to coordinate the sharing of motors between 7820 and 7720. There are only enough motors for no more than 8 teams. The other teams need to come up with their own project.
- 3. There are 31 students, so one person needs to work on their own. Any volunteers?