Notes for lecture 3

1. Date: April 21st.
2. Reading: the lecture material is based on Sections 3-4 of Chapter 2 of the main textbook (refer to Chapter2.3-4.pdf file)
3. The lecture (see LectureNotes3a.pdf and LectureNotes3b.pdf file) communicates the following issues
   a. Basics of vector calculus
   b. Curvilinear motion (two and three dimensional, in rectangular x-y-z coordinates)
   c. Motion of projectile
4. Optional Ch2D.swf file for this lecture was provided before
   a. The content of Ch2D.swf file relevant to this lecture
      i. *Introduction*
      ii. Coordinate Systems
          1. *One-dimensional*
          2. Two-dimensional
             a. *General introduction*
             b. *Rectangular*
5. The deadline for submitting assignments is April 28.