

*Date: 02-14-2011*

*Day 16*

## **Chapter 10**

### **Vectors and the Geometry of space**

#### **Lecture 1**

- Curvature
- Examples of computing Curvature
- Radius of curvature, osculating circle
- Position, velocity, and acceleration vector
- More on acceleration will be posted in a video later today
- Function of several variables (**Next Time**)