

**AlexEsco87**



**Joined: 27 Jul 2007**

**Posts: 19**

### **Lecture 1**

Posted: Tue Oct 23, 2007 6:14 pm    Post subject: Page #10, Question #1  
Concerning "a fast, easy way to solve projectile motion problems..."

"Projectile motion" is a subset of "linear motion," and the examples provided on this page are more general than projectile motion so this sentence should be changed to, "a fast, easy way to solve linear motion problems..."

### **Lecture 2**

Posted: Tue Oct 23, 2007 6:14 pm

Post subject: Page #26, Question #2

"mgsinq" and "mgcosq" should be changed to " $mg\sin\theta$ " and " $mg\cos\theta$ "  
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Posted: Tue Oct 23, 2007 6:15 pm    Post subject: Page #27, Question #2

The last paragraph is missing an entire line which should read "These two forces are the same force, and thus are equal. An object being swung in a circle by a string..." This paragraph should appear in the right-hand margin near the bottom of the page: An easy way to remember that centripetal force must be created by another force is by thinking about a car on ice. A car on ice cannot turn or drive in a circle because there is nothing to create the centripetal force. What would normally cause the centripetal force that allows a car to turn on pavement? That is our next topic.

Posted: Tue Oct 23, 2007 6:17 pm    Post subject: Page #29, Question #36

The ball should not be shaded in. It would not be so on the real MCAT.

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Posted: Tue Oct 23, 2007 6:18 pm Post subject: Page #31, Question #2

Fourth paragraph that starts "For any two surfaces..." The two coefficients of friction should be listed as  $\mu_s$  and  $\mu_k$ .

### **Lecture 6:**

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Posted: Tue Oct 23, 2007 6:20 pm Post subject: Page #226, Question #130

The formula in the explanation to question #130 should be corrected.

In the first sentence of the explanation it reads " $I = \frac{1}{2} \rho \omega^2 A^2 v$ ", where it should read " $\frac{1}{2} \rho \omega^2 A^2 v$ ". Also, at the end of that same line of text it reads "Since  $w = 2\pi f \dots$ ", where it should read "Since  $\omega = 2\pi f \dots$ ".

### **Index:**

Posted: Tue Oct 23, 2007 6:21 pm Post subject: pg. 251

Subject description: Index

The index entry for "work" should not include page 26, as work is not discussed on this page.