

$$E=mc^2$$

## UCONN PHYSICS SYLLABUS – 1st QUARTER

August 30, 2023 - November 3, 2023



### Unit 5: Circular Motion.

Textbook: Physics - James Walker (AP-edition)

~(1.5 weeks)

Required reading is: Required reading is: Chapter 6 & 12; pages 169-175 & 378-393

#### Homework:

<b>Unit 5: Homework Packet Questions and Problems</b> (questions 1-21 odd) (Problems 1,2,7,8,10,13,16,18,21,31,32,45,50,59,62,66,72)	<u>11-03</u>	50 pts.
Worksheet I : Circular Motion	<u>10-26</u>	15 pts
Worksheet II: Universal Law of Gravitation	<u>10-31</u>	25 pts.
Worksheet III: Kepler's 3 <sup>rd</sup> Law	<u>11-01</u>	20 pts.
Worksheet IV: Pendulum Motion	<u>11-02</u>	20 pts.
<u>Lab</u> : Centripetal Lab -	<u>11-03</u>	50 pts.
<u>Lab</u> : Pendulum Lab - Gizmo lab	<u>TBD</u>	- pts.
<u>Quiz</u> : Form A,B,C,D	<u>11-06</u>	50 pts.
<u>Test</u> : Unit 5 "A" Day	<u>11-09</u>	70 pts.

**\*Yellow indicates in the 2<sup>nd</sup> Marking Period 2023**