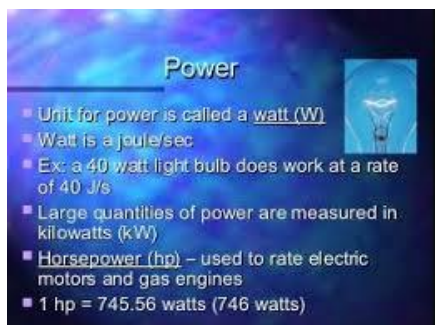


# UCONN PHYSICS SYLLABUS - 2ND QUARTER

November 6, 2023 - January 19, 2024



## Unit 6: Work, Power, Horsepower & Hookes Law.

Textbook: Physics - James Walker (AP-edition)  
Required reading is: pages 190-209 & 159-161

(~2.0 weeks)

### Assignments:

#### Homework & Classroom work:

	<u>Date Due</u>	<u>Points</u>
Rollercoaster Worksheet /PreQuiz	<u>11-13</u>	29 pts.
Questions & Problems	<u>11-29</u>	79 pts.
Hooke's Law Worksheet I	<u>11-14</u>	39 pts.
Hooke's Law Worksheet II	<u>11-16</u>	36 pts.
Power Worksheet I	<u>11-17</u>	40 pts.
<u>Lab:</u> Horsepower Lab	<u>11-15</u>	25 pts
<u>Lab:</u> Rollercoaster Lab – If Equip avail.	<u>11-27</u>	50 pts.
<u>Lab:</u> Hooke's Law Lab - Phet	<u>11-28</u>	50 pts.
<u>Quiz:</u> Rollercoaster Energy Form A,B,C,D	<u>11-20</u>	TBD pts.
Quiz: Hooke's Law & Power/Horsepower Form A,B,C,D	<u>11-22</u>	TBD pts.
<u>Test:</u> Unit 6 "A" Day	<u>11-29</u>	70 pts.