

Spokane Falls Community College  
**COURSE LEARNING OUTCOMES**

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<b>Prefix and Course Number:</b>	<b>PHYS 102</b>
<b>Course Title:</b>	<b>General Physics II</b>
<b>Version Date:</b>	<b>03/31/2020</b>

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**Course Learning Outcomes**

Upon successful completion of the course, the student will be able to:

1. State the fundamental assumptions of Wave Motion Optics, Thermodynamics, and Fluid Physics.
2. Identify several historical scientists who contributed to these fields and name their main discoveries.
3. Correlate physics principles to how they are used in modern technology and other aspects of everyday life.
4. Apply these principles to solve trigonometry/algebra-based complex physics problems.
5. Conduct laboratory experiments by recording observations, analyzing data, and explaining the results.
6. Apply critical thinking skills and quantitative analysis to problem solving and laboratory experiments.
7. Connect science with other academic and vocational subjects and disciplines.