<table>
<thead>
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<th>Outcome</th>
<th>Assessment Methods</th>
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| 1       | Students will demonstrate basic conceptual questions understanding of, for example, special relativity, wave-particle duality, properties of quantum mechanical wave functions, and limitations of classical physics. | Midterm exam  
Final exam |
| 2       | Students will apply their numerical and computational skills to solve problems involving, for example, electricity, waves, optics, and spectroscopy. | Homework  
assignments/projects  
Final exam |
| 3       | Students will perform an advanced experimental project and data analysis, including, for example, distinguishing statistical and systematic errors, propagating errors, and representing data graphically. | Formal project report  
Oral presentation of project |