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 Indicates a research-demonstrated benefit

### Overview

A sequence of introductory, activity-based, laboratory courses that integrate the use of guided-inquiry techniques with self-directed projects.

 <b>Type of Method</b>	Full curriculum
 <b>Level</b>	<b>Designed for:</b> Intro College Conceptual 
 <b>Setting</b>	<b>Designed for:</b> Studio 
 <b>Coverage</b>	Few topics with great depth
 <b>Topics</b>	Mechanics, Waves / Optics, Thermal / Statistical
 <b>Instructor Effort</b>	Medium
 <b>Resource Needs</b>	TAs / LAs, Computers for students, Advanced lab equipment, Tables for group work, Studio classroom
 <b>Skills</b>	<b>Designed for:</b> Conceptual understanding  , Lab skills, Making real-world connections, Designing experiments
 <b>Research Validation</b>	<b>Based on research into:</b> theories of how students learn  , student ideas about specific topics  <b>Demonstrated to improve:</b> conceptual understanding  , beliefs and attitudes  <b>Studied using:</b> student interviews 
 <b>Compatible Methods</b>	<a href="#">PhET</a> , <a href="#">Physlets</a> , <a href="#">SCALE-UP</a> , <a href="#">OSP</a> , <a href="#">LA Program</a> , <a href="#">MBL</a> , <a href="#">CPU</a>
 <b>Similar Methods</b>	<a href="#">Workshop Physics</a> , <a href="#">SCALE-UP</a> , <a href="#">MBL</a> ,
 <b>Developer(s)</b>	David P. Jackson, Priscilla W. Laws, and Scott V. Franklin
 <b>Website</b>	<a href="http://physics.dickinson.edu/~eip_web/eip_homepage.html">http://physics.dickinson.edu/~eip_web/eip_homepage.html</a>

