

Wisconsin Content Standards

APPENDIX C

All professional education content courses leading to certification shall include teaching and assessment of the Wisconsin Content Standards in the content area.

<p>In this column, list the Wisconsin Content Standards that are included in this course. The Standards for each content area are found in the Wisconsin Content Standards document.</p>	<p>In this column, indicate the nature of the performance assessments used in this course to evaluate student proficiency in each standard.</p>
<p>Science Connections</p>	<p>Students will perform some hands-on exercises to examine the connections of electricity, magnetism, and light. Assessment will be done by writing answers to written questions in the process of doing the experiment.</p>
<p>Science Inquiry</p>	<p>Students will perform some hands-on exercises to generate data using lasers and photoresistors. They will evaluate the data and methodology and formulate a theoretical model to be used in measuring power of a new light source. Assessment will be done by making a graph of the data.</p>
<p>Life and Environmental Science</p>	<p>Assessment of student understanding of how light energy is converted into visual perception will be done by having students build models of the human eye.</p>
<p>Science Applications</p>	<p>Students will give an oral presentation using presentation software describing one specific example of a practical application of using light energy. Assessment will be done by evaluating the oral and PowerPoint (for example) presentation.</p>