

**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><b>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.</b></p>	<p><b>In this column, indicate the nature of the performance assessments used in this course to evaluate student proficiency in each standard.</b></p>
<p>Science Connections</p>	<p>Students will choose a specific "controversial" content example of a current physics topic and analyze the assumptions, conflicts, and possible methods of conflict resolution. Assessment will be done by evaluation of their oral arguments.</p>
<p>Science Inquiry</p>	<p>Students will design an experiment that their future secondary students can do; this experiment will include the sequence of the scientific method and will not have a predetermined outcome. Students will practice inquiry and develop tools for their own students' practice of inquiry. Assessment will consist of evaluating their written experimental design.</p>
<p>Science Applications</p>	<p>Students will choose a specific content example of a physical law and write multiple applications or situations in which that law applies. Assessment will consist of a written paper summarizing their applications.</p>
<p>Science in Social and Personal Perspectives</p>	<p>Students will propose methods in which physics can be used to understand and solve a local societal/community problem. Assessment will consist of a written term paper outlining the proposed solution.</p>