

**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>Nature of Science</p>	<p>Students will calculate and diagram light rays in basic optical systems to show understanding of basic science and use this knowledge applied to more complex optical systems of everyday optical applications and inventions. Assessment will be done by completing calculation-type problem sets, written quizzes, and written exams.</p>
<p>Science of Inquiry</p>	<p>Students will conduct experiments in optical system design in which they must design an optical system to accomplish an instructor-specified task. Students will hypothesize, test, collect data, analyze and evaluate results. Assessment will consist of evaluating the quality and completeness of a laboratory journal.</p>