

Secondary Teacher Education Program in Science

University of Massachusetts Amherst

PHYSICS SUBJECT MATTER KNOWLEDGE WORKSHEET

Name: _____

Undergraduate Institution and Major: _____

Graduate Institution and Program of Study: _____

Please indicate how your course work or other experience satisfies each of the following requirements:

<i>Course Title and Number</i>	<i>Semester</i>	<i>Year</i>	<i>Grade</i>
---------------------------------------	------------------------	--------------------	---------------------

(a) Mechanics _____

(b) Heat, heat transfer and _____
thermodynamics _____

(c) Kinetic theory of Gases _____

(d) Light and geometric optics _____

(e) Electricity and magnetism _____

(f) Waves (sound and light) _____

(g) The atom: its structure and _____
nucleus _____

(h) Quantum theory of the atom _____

(i) Quantum theory of light _____
