

APPENDIX A
Critical Thinking Rubric

	Beginning 1	Developing 2	Competent 3
Analysis: To dissect statements, problems, arguments and points of view	<input type="checkbox"/> Does not identify or expresses confusion about statements, problems, arguments, or points of view <input type="checkbox"/> Does not apply basic concepts involved <input type="checkbox"/> Does not recognize biases or multiple perspectives <input type="checkbox"/> Does not acknowledge uncertainties	<input type="checkbox"/> Partially identifies statements, problems, arguments, or points of view <input type="checkbox"/> Partially applies basic concepts involved <input type="checkbox"/> Partially recognizes biases or multiple perspectives <input type="checkbox"/> Partially acknowledges uncertainties	<input type="checkbox"/> Accurately and thoroughly identifies all statements, problems, arguments, or points of view <input type="checkbox"/> Accurately and thoroughly applies basic concepts involved <input type="checkbox"/> Fully recognizes biases and multiple perspectives <input type="checkbox"/> Acknowledges uncertainties
Evaluation: To decide on the strength of an argument and the validity of a given statement	<input type="checkbox"/> Does not evaluate based on logic and context <input type="checkbox"/> Does not assess quality of evidence or distinguish between facts, opinions, and assumptions <input type="checkbox"/> Does not identify the weak and strong points of a problem, argument, or point of view <input type="checkbox"/> Does not recognize counterpoints or counterarguments	<input type="checkbox"/> Partially evaluates based on logic and context <input type="checkbox"/> Partially assesses quality of evidence and distinguishes between facts, opinions, and assumptions <input type="checkbox"/> Partially identifies the weak and strong parts of a problem, argument, or point of view <input type="checkbox"/> Partially recognizes counterpoints or counterarguments	<input type="checkbox"/> Evaluates based on logic and context <input type="checkbox"/> Thoroughly assesses quality of evidence and distinguishes between facts, opinions, and assumptions <input type="checkbox"/> Thoroughly identifies the weak and strong parts of a problem, argument, or point of view <input type="checkbox"/> Fully recognizes counterpoints or counterarguments
Inference: To hypothesize and develop conclusions based upon facts, reasons, observations, and evidence	<input type="checkbox"/> Does not recognize a variety of possible conclusions or outcomes; recognizes only one "correct" answer <input type="checkbox"/> Does not develop a reasonable hypothesis or conclusion <input type="checkbox"/> Does not draw a hypothesis or conclusion based on evidence and reasoning <input type="checkbox"/> Does not use evidence, facts, observations or commits errors in using them	<input type="checkbox"/> Recognizes some possible conclusions or outcomes <input type="checkbox"/> Develops a hypothesis or conclusion that cannot be fully supported <input type="checkbox"/> Draws a hypothesis or conclusion based on partial evidence or incomplete reasoning <input type="checkbox"/> Partially uses evidence, facts, observations	<input type="checkbox"/> Recognizes multiple conclusions or outcomes <input type="checkbox"/> Develops a reasonable hypothesis or conclusion that can be fully supported <input type="checkbox"/> Draws a hypothesis or conclusion fully based on evidence and reasoning <input type="checkbox"/> Fully uses evidence, facts, observations
Deduction: To use generalizations in order to draw conclusions in a specific situation	<input type="checkbox"/> Does not draw conclusions that can be supported by evidence and reasoning <input type="checkbox"/> Does not identify the appropriate general premises <input type="checkbox"/> Does not apply basic concepts involved <input type="checkbox"/> Does not recognize major and minor premises	<input type="checkbox"/> Draws conclusions that can be partially supported by evidence and reasoning <input type="checkbox"/> Identifies some general premises <input type="checkbox"/> Partially applies basic concepts involved <input type="checkbox"/> Partially recognizes major and minor premises	<input type="checkbox"/> Accurately develops conclusions based on evidence and reasoning <input type="checkbox"/> Identifies applicable general premises <input type="checkbox"/> Accurately and thoroughly applies basic concepts involved <input type="checkbox"/> Fully recognizes major and minor premises
Induction: To draw conclusions from an array of evidence	<input type="checkbox"/> Does not include evidence <input type="checkbox"/> Does not use appropriate, unbiased and authoritative sources of evidence <input type="checkbox"/> Does not use adequate or strong evidence <input type="checkbox"/> Does not draw logical conclusions from evidence	<input type="checkbox"/> Includes some evidence <input type="checkbox"/> Partially uses inadequate or inappropriate sources of evidence <input type="checkbox"/> Uses some inadequate or weak evidence <input type="checkbox"/> Draws some incorrect conclusions from evidence	<input type="checkbox"/> Includes substantial evidence <input type="checkbox"/> Consults high quality sources of evidence <input type="checkbox"/> Uses high quality, detailed evidence <input type="checkbox"/> Draws sound conclusions from evidence

Our QEP rubric is based on the Nashville State Community College rubric from their successful QEP on critical thinking (<http://ww2.nsc.edu/qep/plan/NSCC%20Critical%20Thinking%20Rubric-bw.pdf>). Used by permission.