

Review of Critical Thinking Models

Model	Comprehensive?	Applicable to all Disciplines?	Defines specific cognitive skills including metacognition?	Offers high quality resources?
1. Toulmin: Theory of Argument	No	Yes	No	Yes (3)*
2. Bloom's Taxonomy	No	Yes	No	Yes (3)*
3. Brookfield (1987) 5 Phase Model	No	Yes	No	No
4. Dirks: A Model of Critical and Analogical Thinking	Yes	Yes	No	Yes (3)*
5. PATOP Model of CT	No	No	No	Yes (2)*
6. Bogo & Vaityda ITP Model of CT	No	No	No	Yes (2)*
7. Arthur Whimbey's Metacognitive Model	No	No	Defines metacognition	Yes (1)*
8. Norris & Ennis (1989) 5 Phase Series of Abilities	Yes	Yes	NO	Yes (2)*
9. Bullen (1998) 4 Phase Model	No	Yes	No	Yes (2)*
10. Garrison, Anderson, & Archer (2001): Community of Inquiry Model	No	Yes	No	Yes (2)*
11. Facione and Facione Model	Yes	Yes	Yes	Yes (5)*
12. Calvin Taylor's Model of CT	Yes	Yes	No	Yes (2)*
13. Richard Paul Model of CT (Paul and Scriven's definition of CT is the one adopted by UoFL for the 12A document)	Yes	Yes	Yes	Yes (5)*

Evaluation criteria adapted from: Surrey Community College. Characteristics of a good critical thinking model. Retrieved August 29, 2007, from the World Wide Web: <http://www.surry.edu/about/ct/choosing/choosing.html>.

*Indicates a Likert-type rating with (1) being the lowest score and (5) the highest. Ratings by E. Ross