

## Bloom's Taxonomy

Bloom's Taxonomy is a categorization of verbs describing cognitive skills into six classes (knowledge, comprehension, application, analysis, synthesis, and evaluation). The classes are ranked from least complex (knowledge) to most complex (evaluation) in terms of the level of thinking required for students to achieve these objectives. **Critical thinking** skills encompass only the three most complex categories (analysis, synthesis, and evaluation).

Find verbs that measure cognitive skills and incorporate these into the course objectives. The statement of each course objective should begin with these verbs.

Category	Generic Skills	Sample Verbs
<b>Knowledge</b>	<ol style="list-style-type: none"> <li>1. Observation and recall of information</li> <li>2. Knowledge of dates, events, places</li> <li>3. Knowledge of major ideas</li> <li>4. Mastery of subject matter</li> </ol>	Define, describe, duplicate, identify, label, list, locate, match, memorize, name, recall, recognize, record, relate, repeat, reproduce, underline
<b>Comprehension</b>	<ol style="list-style-type: none"> <li>1. Understanding information</li> <li>2. Grasping meanings</li> <li>3. Translating knowledge into new context</li> <li>4. Interpreting facts, causes</li> <li>5. Ordering, grouping, causes</li> <li>6. Predicting consequences</li> </ol>	Classify, convert, describe, discuss, explain, express, give example(s), identify, indicate, interpret, locate, recognize, report, restate, review, rewrite, summarize, tell, translate
<b>Application</b>	<ol style="list-style-type: none"> <li>1. Using information</li> <li>2. Using methods, concepts, theories in new situations</li> <li>3. Solving problems using required skills or knowledge</li> </ol>	Apply, construct, demonstrate, dramatize, employ, illustrate, interpret, operate, practice, sketch, schedule, shop, solve, use, write
<b>Analysis</b> (Critical Thinking)	<ol style="list-style-type: none"> <li>1. Seeing patterns</li> <li>2. Organizing parts</li> <li>3. Recognizing hidden meanings</li> <li>4. Identifying components</li> </ol>	Analyze, appraise, calculate, categorize, compare/contrast, criticize, debate, deduct, diagram, differentiate, discriminate, distinguish, examine, experiment, infer, inspect, inventory, question, relate, solve, test
<b>Synthesis</b> (Critical Thinking)	<ol style="list-style-type: none"> <li>1. Using old ideas to create new ones</li> <li>2. Generalizing from given facts</li> <li>3. Relating knowledge from several areas</li> <li>4. Predicting, drawing conclusions</li> </ol>	Arrange, assemble, collect, combine, compose, construct, create, design, develop, formulate, manage, organize, plan, prepare, propose, rearrange, set up, synthesize, write
<b>Evaluation</b> (Critical Thinking)	<ol style="list-style-type: none"> <li>1. Comparing and discriminating between ideas</li> <li>2. Assessing value of theories, presentations</li> <li>3. Making choices based on reasoned argument</li> <li>4. Verifying value of evidence</li> <li>5. Recognizing subjectivity</li> </ol>	Appraise, argue, assess, attach, choose, compare, criticize, debate, defend, estimate, evaluate, judge, measure, predict, rate, revise, score, select, support, value