**Levels of Thinking Represented by Bloom’s Taxonomy**

|  |  |  |
| --- | --- | --- |
| Level of Critical Thinking | Cognitive Operation | Description |
| Low level | Knowledge  | Requires students to recall information usually by identifying, defining, or recruiting. Does not necessarily require understanding. |
|  | Comprehension | Require students to demonstrate understanding |
| Medium level | Application | Requires students to demonstrate understanding by using given content or information to interpret a situation, provide an example, or solve a problem. Transferring theoretical idea to practical situations. |
|  | Analysis | Requires students to demonstrate understanding by classifying, comparing and contrasting information, describing or ordering relationships, or differentiating among different pieces of information. |
| High level | Synthesis | Requires students to demonstrate understanding by organizing and/or integrating unique pieces of information, often from a variety of sources, or composing or creating something new with the information. Requires creativity and originality.  |
|  | Evaluation | Requires students to appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values.  |