

Learning Object Review Instrument Evaluation Criteria (LORI 1.4)

The Learning Object Review Instrument (LORI), version 1.4 developed by Belfer et al. (2002) was used to collect faculty's individual assessments of the quality of the pharmacology learning object and to ensure that a consistent evaluation criteria was used by all participants. Faculty were asked to assess the learning object in the following areas using a five point rating scale ranging from low to high and to provide a rationale for their score.

1. **Content Quality:** Veracity, accuracy, balanced presentation of ideas, and appropriate level of detail.
2. **Learning Goal Alignment:** Alignment among learning goals, activities, assessments, and learner characteristics.
3. **Feedback and Adaptation:** Adaptive content or feedback driven by differential learner input or learner modeling.
4. **Motivation:** Ability to motivate, and stimulate the interest of an identified population of learners.
5. **Presentation Design:** Design of visual and auditory information for enhanced learning and efficient mental processing.
6. **Interaction Usability:** Ease of navigation, predictability of the user interface, and the quality of the user interface help features.
7. **Reusability:** Ability to port between different courses or learning contexts without modification.
8. ***Value of accompanying instructor guide:** ability of resource to enhance instructional methodology.

*(The original items in the LORI that dealt with accessibility and standards compliance were replaced with the category in item 8 because the participants lacked the necessary knowledge to provide an assessment in both of those areas).