Core Competency Scoring Rubric
Ferris State University

Natural Sciences – SCI1

Utilize concepts – Students correctly apply, analyze, or evaluate information using discipline-specific facts and concepts.

Evaluated during the fall semester of even-numbered years.

Level	Description
4 – Advanced Advanced performances exceed the expectations for Ferris graduates. This work shows an effective and well-developed response to the learning outcome. These students represent the strongest fraction of our graduates.	Students correctly analyze, apply, and/or evaluate all, or nearly all, of the discipline-specific concepts measured.
3 – Proficient Proficient performances meet the expectations for Ferris graduates. This work demonstrates a sufficient response to the learning outcome with regard to scope and accuracy. All students are expected to attain this level of ability by graduation.	Students correctly analyze, apply, and/or evaluate most of the discipline-specific concepts measured.
2 – Progressing Developing performances approach the expectations for Ferris graduates. Although this work is more accomplished than that of novices, the scope and accuracy of the response does not yet satisfactorily address the learning outcome. This should be true of most first and second year students.	Students correctly analyze, apply, and/or evaluate some of the discipline-specific concepts measured.
1 – Beginning Beginning performances do not meet the expectations for Ferris graduates. This work exhibits a novice level of ability with regard to addressing the learning outcome. This is the expected skill level for our incoming freshman.	Students correctly analyze, apply, and/or evaluate very few of the discipline-specific concepts measured.
0 – Unsatisfactory Unsatisfactory performances neither meet the expectations for Ferris graduates nor those for incoming freshmen. This work exhibits profound deficiencies and/or is incomplete.	Students do not analyze, apply, and/or evaluate the discipline-specific concepts measured.