Goal 2: Students will demonstrate CRITICAL THINKING							
Student Learning Outcomes	Assessment Tool	Timeframe	Benchmark	Spring 2020	Fall 2020	Spring 2021	
2.1: Students will analyze radiographic images	2.1.1: DMI 51B, final exam, image critique questions	2 <sup>nd</sup> Semester (formative)	Average score 90%	83.3% (15)	83.3% (9)	82% (13)	
	2.1.2: DMI 68, Student Clinical Evaluation, section 2.7	Final Semester (summative)	Average score 2.7 on 3-point scale	2.7 (10)	2.87 (9)	3 (9)	
2.2: Students will manipulate techn%tud	ents will						

## **Analysis**

**2.1.1:** Benchmark not met. Students scored 8% lower than the benchmark. Historically, the assessment committee has discussed ways to improve the average score for this SLO. This semester, the faculty member checked the discrimination index for the questions covering image critique but found them to be within reasonable limits. The assessment committee previously discussed reducing the benchmark; however, the committee rejected the idea to review this assessment tool further.

Student Learning Outcomes	Assessment Tool			

## **Analysis**

- **4.1.1**: Benchmark met. The students achieved program-level student learning outcomes by practicing exam introductions.
- **4.1.2**: Benchmark met. The students achieved program-level student learning outcomes by communicating clearly with patients, physicians, co-workers, peers, and other departments and is readily understood.
- **4.2.1**: Benchmark not met. This is the third semester this writing assignment has been put in place and is the first professional-level writing assignment. The assessment committee suggested reviewing a good research paper and discuss the importance of writing and communication.
- **4.2.2**: Benchmark not analyzed. When the new research papers were introduced in Fall 2020, the assessment committee decided to wait until Spring 2022 to assess DMI 66's research paper. By waiting, the assessment committee will have better summative data on this assessment tool.

## **Action Plan**

- **4.1.1**: We will continue to gather data and monitor this trend. If it continues to stay above benchmarks, the Assessment Committee will find a new summative analysis of image analysis.
- **4.1.2**: We will continue to gather data and monitor this trend. If it continues to stay above benchmarks, the Assessment Committee will find a new summative analysis of image analysis.
- **4.2.1**: The assessment committee will continue to monitor the data. The faculty and the assessment committee agree the current score is appropriate given the difficulty of the assignment. If there is a significant change to this score, the faculty and the assessment committee will discuss the change.
- **4.2.2**: Results from this assessment will be available for Spring 2022's assessment plan.

## **Re-Evaluation Date**

At the conclusion of Fall 2021