

Table 3. Assessment activities utilized to measure learning outcomes in the Mechanical Engineering MS program.

Assessment Activities	Outcome 1	Outcome 2	Outcome 3	Outcome 4
	Thorough understanding of Engineering Mathematics and fundamental core area.	Awareness of current research topics.	Application of mathematical concepts, knowledge of core area and computational methods toward independent research.	Effective communication of ideas through written and verbal methods.
1. Satisfactory grades on assignments and exams.	X			
2. Approved Plan of Study.		X		
3. Active participation in AME 696G Seminar.	X			
4. Approved written research thesis/report.	X	X	X	X
5. Successful oral defense of thesis/report.	X	X	X	X
6. Graduate Student Exit Survey.	X	X	X	X