MASTER of SCIENCE in MECHANICAL ENGINEERING (MSME)

Learning Outcomes and Assessment
The student will demonstrate the ability to apply graduate-level mathematics to the solution of engineering problems in at least two of the general areas of solid mechanics, fluid mechanics, dynamics and heat transfer.


Indirect assessment: A current and updated employment listing will serve as indirect evidence of student attainment of the learning goal.

The student will demonstrate the ability to conduct, present and defend graduate-level research including literature review, motivation, methodology utilized, results, unique contributions, and conclusions generated.

Direct assessment: Student learning relative to this outcome is assessed by the quality of the written master’s thesis and performance in the thesis defense.

Indirect assessment: A current and updated employment listing will serve as indirect evidence of student attainment of the learning goal.