

Educational Objectives: The educational objectives of the Bachelor of Science in Manufacturing Systems Engineering are to ensure that each graduate exemplifies:

1. The technical and managerial abilities to apply knowledge of manufacturing systems engineering to the development and implementation of effective processes, systems and environments for contemporary manufacturing enterprises;
2. The intellectual breadth of a liberal arts education and an ensuing ability to practice manufacturing systems engineering creatively, sensitively, and responsibly in the global environment;
3. The habit of intellectual curiosity and a desire for perpetual learning, together with their application to the maintenance of professional currency in manufacturing systems engineering;
4. The ability to communicate competently in both the written and spoken modes, and to function productively on multicultural and multidisciplinary teams; and
5. The desire and ability to preserve the nobility of the engineering profession in its dedication to the welfare of society by nurturing ethical and professional responsibilities.