MSTE Student Learning Outcomes

Goal 1. **Business Knowledge and Skills.** Students will understand how businesses compete and operate in a dynamic environment. These skills include but are not limited to: financial theories, analysis, reporting and markets; statistical analysis and management science as they support decision making; principles of supply chain management; the creation of value through production and distribution; information technology; and organizational structure as it relates to management practice, work process and the roles of individuals and teams.

Goal 2. **Critical Thinking in Business Situations.** Students will develop the practical skills and critical thinking skills required for analysis decision making. Students will demonstrate the ability to define and analyze business problems, identify relevant data and causes, apply knowledge and create alternate solutions.

Goal 3. **Organization, Team and Personal Skills.** Students will be able to work effectively and communicate with others as colleagues and as a manager. They will employ these skills in the analysis of business problems on the organizational, societal and global level.
   a. Professional Skills. Students will enhance professional level skills including oral and written communications skills, research skills, and quantitative skills.
   b. Interpersonal and Cultural Perspective. Students will understand issues related to ethics, diversity and individual responsibility.
   c. Leadership. Each student will learn the elements of skillful leadership and have multiple opportunities for their application.

Goal 4. **Entrepreneurial Skills.** Students will demonstrate an understanding of the various aspects necessary to launch a technology driven business.

Goal 5. **Technological Creativity and Development.** Students will develop skills in developing technology ideas and prototypes, market evaluation and business plan creation.

Goal 6. **Team and Personal Skills.** Students will demonstrate skills in building and working on cross functional teams.