PROGRAM OUTCOMES

By the time of graduation, the students of the program shall have the ability to:

a. Apply a wide range of skills in mathematics, physical sciences, engineering sciences to the practice of Industrial Engineering;

b. Design and conduct experiments as well as to analyze and interpret data.

c. Design a system, component, or process to meet desired needs within realistic constrains such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability in accordance with standards.

d. Work effectively as a member and leader in multi-disciplinary and multi-cultural teams.

e. Formulate and solve Industrial engineering problems.

f. Act in accordance to professional, social and ethical responsibility.

   - Apply an in-depth understanding of the impact of engineering solutions in a global, economic, environmental and societal context;

   - Communicate effectively in written and oral forms using both English and Filipino as well as in graphical forms;

   - Practice life-long learning and exhibit the willingness and capability to be current and relevant with the developments in the field of Industrial Engineering.

   - Apply current trends and developments in the field of Industrial Engineering.

   - Use appropriate techniques, skills and modern engineering tools for Industrial engineering practice.

   - Demonstrate a keen awareness of contemporary issues and their impact on the practice of Industrial engineering profession.

   - Participate in the generation of new knowledge and developmental projects.

   - Preserve and promote “Filipino historical and cultural heritage” by showing a deep and principled understanding of how Industrial engineering is related to a larger historical, social, cultural, and political processes.

   - Practice Christian values in their personal and professional endeavors as Louisians in the service of the CICM mission.