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 Mining 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 Mining 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 Mining Engineering

  - Apply current trends and developments in the field of Mining Engineering

  - Use appropriate techniques, skills and modern engineering tools for Mining Engineering practice

  - Demonstrate a keen awareness of contemporary issues and their impact on the practice of Mining 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 Mining 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