



Annual Report on Program Learning Outcomes Assessment

Program: BS in Biomedical Engineering

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1. List the learning outcomes for the program:

At the time of graduation, students are expected to have:

- a) An ability to apply knowledge of mathematics, science and engineering;
- b) An ability to design and conduct experiments, as well as analyze and interpret data;
- c) An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability;
- d) An ability to function on multi-disciplinary teams;
- e) An ability to identify, formulate and solve engineering problems;
- f) An understanding of professional and ethical responsibilities;
- g) An ability to communicate effectively;
- h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context;
- i) A recognition of the need for, and an ability to engage in life-long learning;
- j) A knowledge of contemporary issues;
- k) An ability to use techniques, skills, and modern engineering tools necessary for engineering practice.