Engineering Faculty Document No. 56-22
December 1, 2021

TO: The Faculty of the College of Engineering

FROM: The Faculty of the Weldon School of Biomedical Engineering

RE: Change to Undergraduate-Level Course BME 48901 requisites

The faculty of the School of Biomedical Engineering has approved the following change in requisites of the course listed below. This action is now submitted to the Engineering Faculty with a recommendation for Fast Track approval.

FROM: **BME 48901 Senior Design Project**
Term offered: Fall, Laboratory, Cr. 3, 16 weeks
Prerequisites: BME 20500 and BME 20600 and BME 30500 and BME 30600 and BME 49000 (may be taken concurrently)
College Restriction: School of Biomedical Engr
Major Restriction: Biomedical Engineering

The biomedical engineering design process is completed starting from a preparatory design course, BME 39000, through a preliminary system design, build and test in Senior Design Project, BME 48901. Students will work with their teammates to implement (e.g. build, test, iterate and evaluate) a solution to address a biomedical engineering problem statement and meet the technical specifications set forth. The resulting project design is presented and evaluated through an oral presentation, laboratory demonstration, and a final written document.

FROM: **BME 48901 Senior Design Project**
Term offered: Fall, Laboratory, Cr. 3, 16 weeks
Prerequisite: BME 38900
Concurrent Prerequisite: BME 49000
Major Restriction: Biomedical Engineering

The biomedical engineering design process is completed starting from a preparatory design course, BME 39000, through a preliminary system design, build and test in Senior Design Project, BME 48901. Students will work with their teammates to implement (e.g. build, test, iterate and evaluate) a solution to address a biomedical engineering problem statement and meet the technical specifications set forth. The resulting project design is presented and evaluated through an oral presentation, laboratory demonstration, and a final written document.

REASON: Requisite changes have been made to reflect recent changes in BME plan of study updates/requirements. Pre-requisites have also been streamlined to eliminate redundancy.

David M. Umulis
Dane A. Miller Head and Professor

Weldon School of Biomedical Engineering