BMEN 1100 - Introduction to Bioengineering I

Introduction to Bioengineering I (1 semester credit hour) This is a laboratory course emphasizing the essential skills and tools necessary to succeed in a biomedical engineering degree plan. Three core areas of the field will be introduced - biochemistry, solid mechanics, and bioelectronics. Lab activities will include statistical analysis of a biochemical transport problem, understanding and fabricating mechanical devices based on engineering drawings, and assembling and testing simple electronic circuits to record and analyze bioelectrical signals of the human body. CE 1100 or CS 1200 or EE 1100 or MECH 1100 can substitute for this course. Credit cannot be received for more than one of the following: BMEN 1100, CE 1100, CS 1200, EE 1100 or MECH 1100. (0-3) Y