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**, **CS 1200**, **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