

The Core Competency Exam (CCE, previously known as the Core Knowledge Exam) is intended to promote both breadth and depth in your knowledge *and understanding* of core concepts in Materials and Biomaterials Science and Engineering. The exam covers the same knowledge base as the three core courses (MBSE 210, MBSE 211 and MBSE 212), concentrating on *connections* between – and *applications* of – that knowledge.

To help you practice for the CCE, the past exam papers are posted on this site. Model answers are not provided; instead, you are encouraged to work together on answering the questions as you study and prepare for your exam. Each one of you has insights that you can bring to such conversations. Take advantage of this opportunity to learn from and support each other.

You can of course ask your faculty for guidance towards good answers. We will cheerfully help you to find pathways – but we won't airlift you to the destination.

For additional practice, you might devise some stimulating questions of your own and try these out on your communal study group. Creativity and discussion are important components of successful research.

Fiat Lux!