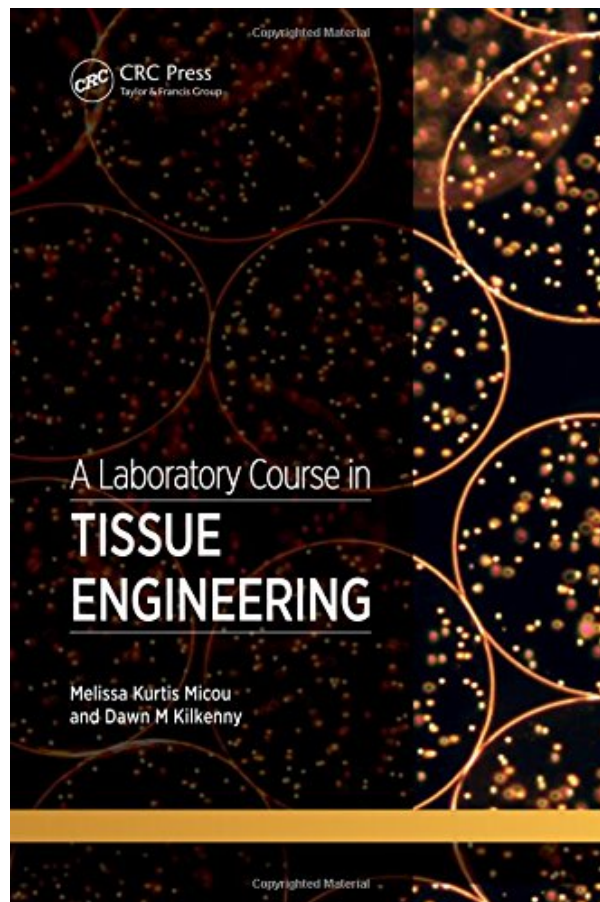
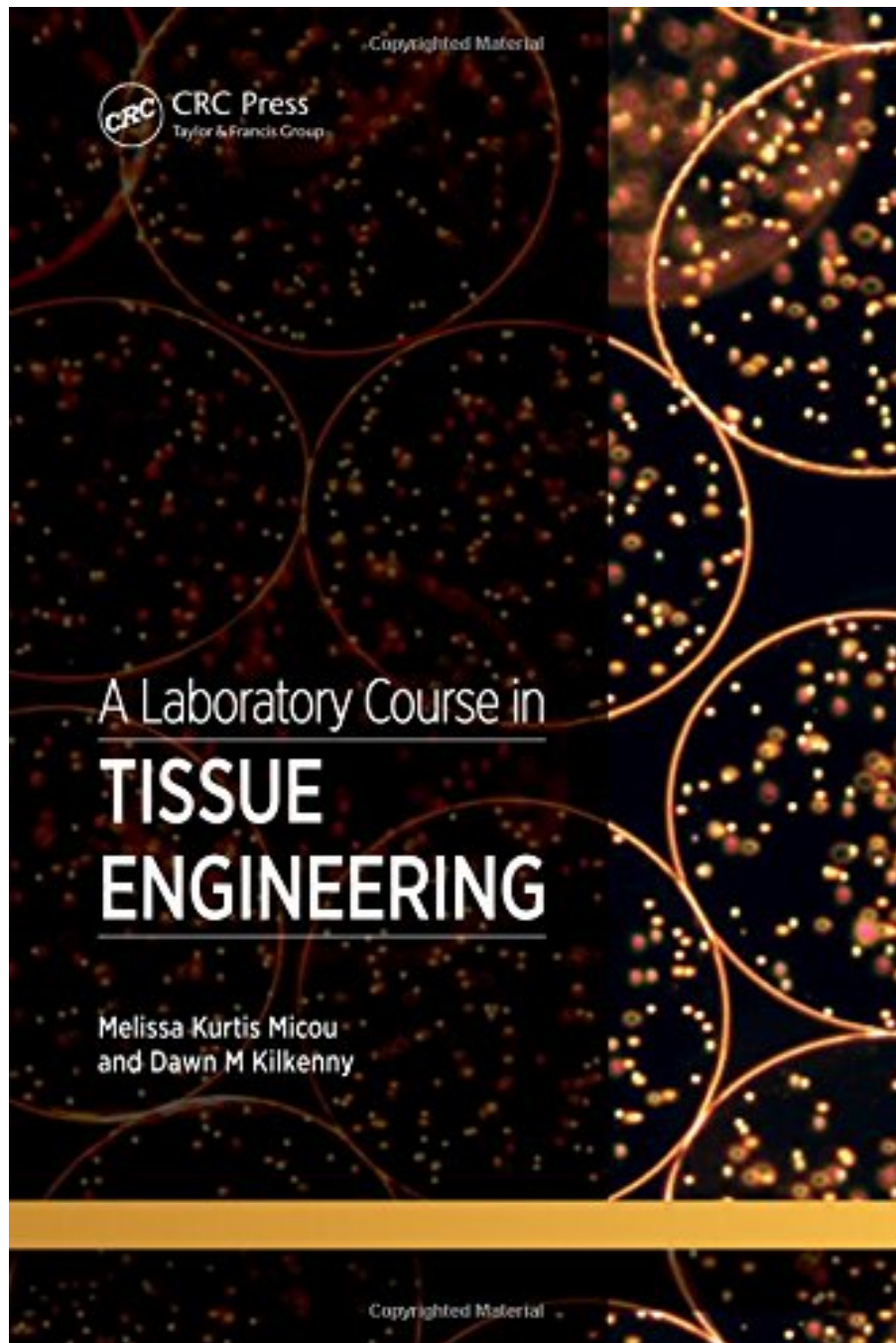


A LABORATORY COURSE IN TISSUE ENGINEERING BY MELISSA KURTIS MICOU, DAWN KILKENNY



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Filling the need for a lab textbook in this rapidly growing field, *A Laboratory Course in Tissue Engineering* helps students develop hands-on experience. The book contains fifteen standalone experiments based on both classic tissue-engineering approaches and recent advances in the field. Experiments encompass a set of widely applicable techniques: cell culture, microscopy, histology, immunohistochemistry, mechanical testing, soft lithography, and common biochemical assays. In addition to teaching these specific techniques, the experiments emphasize engineering analysis, mathematical modeling, and statistical experimental design.

A Solid Foundation in Tissue Engineering?and Communication Skills

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