

TO THE INSTRUCTOR

This book is not an ordinary textbook. It is a cultural reader trying to tell a beginner what bioengineering is. The authors tell the story through their personal experiences. They do not claim complete balance of their views; but they are sincere, vigorous, and so committed that they are devoting their whole lives to pursue their visions. They know that the field of bioengineering is young, and is developing in many directions. They all believe that the best way to teach introductory bioengineering is to ask the beginners to think about invention and design right away, whatever they think bioengineering is. This is where this little book comes in. Each author asks certain questions, then invents and designs some method to answer their questions. Their lecture notes and papers could serve as models. We recommend a series of assignments to the students as listed in the following pages, and asking them to read the book one chapter per week. We trust that you will find this approach very enjoyable, because your students will be proud of their new found abilities.