Contents

Appendixes

Preface to the T

Almost a decade has gone by sinc
published. The fundamental unders
changed, but many new advancemen
especially after the discovery of carbo
increasing applications of composite
aerospace industry in the 1950s, but
industries, including consumer good
biomedical. It is now becoming a par

The third edition is written to up
and applications.

Almost all the chapters in the boo
tion, example problems and chapter-e
ten to show the increasing range of a
and emphasize the material selection
one on natural fibers and the other o
section on carbon–carbon composites
polymer-based nanocomposites, whic
composite family and are receiving g
well as potential users.

As before, I have tried to maintain
processing and design of fiber-reinfor
for senior-level undergraduate or firs
will be able to acquire a broad know
book. Numerous example problems a
better understand and apply the con
references cited in the book will help th
and go deeper into topics that are of i

I would like to thank the students
earlier editions of this book in the
encouragement from several faculty o
them. Finally, the editorial and produc
acknowledged for their work and patie