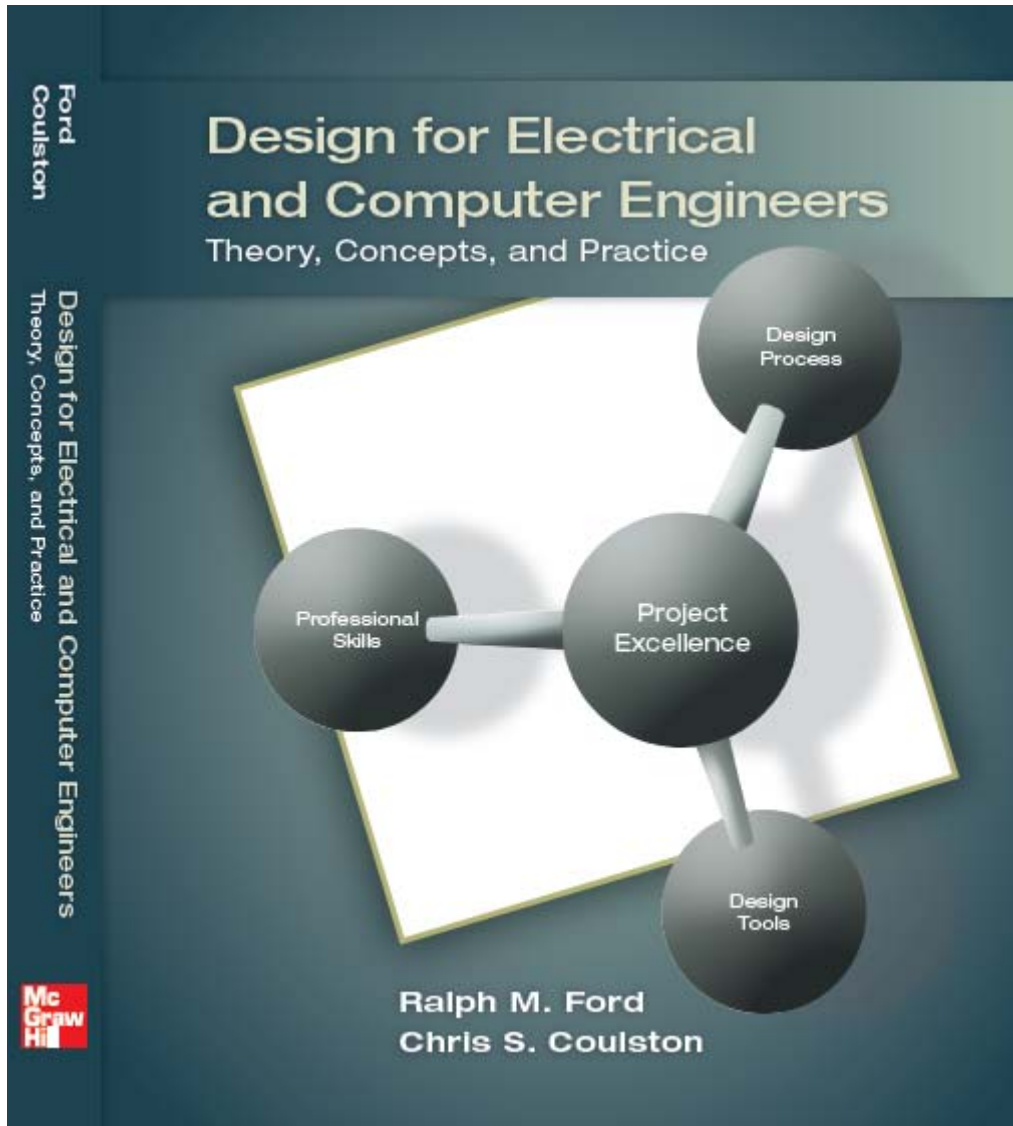


Instructor's Solutions Manual



By Ralph M. Ford, Chris Coulston, and Andrew S. Wood
Penn State Erie, The Behrend College
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Preface: How to Use This Manual

This manual provides solutions to the problems found in Design for Electrical and Computer Engineers: Theory, Concepts, and Practice. For guidance to instructor's we identify problems as either: review, application, and project. Review-type problems usually ask the student to restate an important concept from the text, whereas application problems are those where the students are required to solve a more in-depth project that demonstrates an understanding of the concepts learned to a new scenario. Project problems are important steps in the completion of a senior capstone design project. Each particular problem is categorized in this solutions manual as to the type of problem it is by using the key [R], [A], and [P].

Furthermore, we also provide our guidance (identified in the manual as **Notes**), from experience teaching the material, with pointers on how we present the material and apply it to student projects. Selected project assignments are also supplied.

We also ask that instructor's keep this manual for instructor use only and do not post or otherwise distribute our solutions in any form. Unfortunately, it is becoming all too common for solutions to be copied and distributed over the Internet, thus hurting other instructors using the book.

Feedback

Feedback and suggestions concerning any aspect of this manual, that would likely benefit the overall presentation, would be much appreciated. Please send your comments via email to

Ralph-Ford@psu.edu or coulston@psu.edu