

World Class CAD

Fundamentals of 2D Drawing, 2nd Edition

Charles **Robbins**
with Mark **Bughman**
(Video trainer)

World Class CAD

Fundamentals of 2D Drawing, 2nd Edition

Charles **Robbins**
with Mark **Bughman**
(Video trainer)

Table of Contents

Chapter 1. The World Class CAD Training Method

Unit 1

Chapter 2. The Rectangular Problem
Chapter 3. Dimensioning the Rectangular Problem
Chapter 4. Placing Notes on the Rectangular Problem
Appendix A Practice Problems

Unit 2

Chapter 5. The Circular Problem
Chapter 6. Dimensioning the Circular Problem
Chapter 7. Placing Notes on the Circular Problem
Appendix B Practice Problems

Unit 3

Chapter 8. Making a Drawing Template
Chapter 9. Making a Titleblock and A-B-C-D Borders
Appendix C Practice Problems

Unit 4

Chapter 10. The Bracket Problem
Chapter 11. Dimensioning the Bracket Problem
Chapter 12. Placing Notes on the Bracket Problem
Appendix D Practice Problems

Unit 5

Chapter 13. The Architectural Floor Plan
Chapter 14. The Next Step
Appendix E The First Floor Plan

World Class CAD

Fundamentals of 2D Drawing, 2nd Edition

Charles **Robbins**
with Mark **Bughman**
(**Video trainer**)

Copyright © 2007 World Class CAD
Printed in the United States of America

World Class CAD, the World Class CAD logo, World Class CAD Certification and the World Class CAD Challenge are licensed registered trademarks. Other names or labels utilized in this text or for identification purposes only and are trademarks of their owners.

Current Adobe PDF files of the prefix, each chapter and appendixes are present for your viewing needs at www.worldclasscad.com.

All rights reserved. You may not reproduce any part of this work or use the material in any form or by any means without the written permission of the author. For permission to use material published under the World Class CAD label, contact us at: www.worldclasscad.com

World Class CAD will revise the chapters, appendixes and other support material on the www.worldclasscad.com website from time to time without notice.

For more information about 2D Computer Aided Design (CAD), certification and to see other books in the World Class CAD series, visit our website at www.worldclasscad.com

Acknowledgement

I would like to thank the following individuals who have helped make this website textbook and video learning material. First and foremost this project would not have been possible without a supporting family which includes my loving wife, Donna and my additional typing crew, my son Joseph and my daughter Elizabeth. Joe Robbins did most of the new graphics in this revision. Special recognition goes to Mark Bughman, my partner and co-developer of many of the units described in the series of training manuals.

Professionally I would like to acknowledge my mentors who coached and trained me throughout the years: Clyde Terry, Sharon Thesing, Gary Weltlich, Ed Runyon, Eric Darwin, Ed Reel, Chuck Meridith and Tom Greenhouse. These designers, programmers, engineers and managers never accepted being in second place and gave a good example of developing a World Class standard.