

CONTENTS

FOREWORD by Tristan Donovan

PREFACE

INTRODUCTION

LEVEL 01 / FUNDAMENTALS

Materials
Basic Pencil Techniques
Basic Perspective
Basic Volumes
Basic Lighting and Values
Visual Measuring Tools
Drawing Process

LEVEL 02 / ADVANCED DRAWING CONCEPTS

Advanced Perspective and Volumes
Advanced Lighting and Values
Atmospheric Perspective
Landscape Drawing

LEVEL 03 / THE HUMAN FIGURE

Gravity and Movement
Proportions
Skeletal Landmarks

LEVEL 04 / ANATOMY

Six Stages for Rendering Anatomy
The Foot
The Leg
The Pelvis
The Spine and Ribcage
The Shoulder Girdle
The Arm
The Hand
The Head and Neck
Facial Expressions

Gears of War 2

8 LEVEL 05 / ELEMENTS OF DESIGN 145

Frame 146
9 Camera Angle 152
10 Scale 158
Grouping 159
Lighting 162
15 Line 164
16 Shapes 176
18 Subverting Conventions 184

LEVEL 06 / CHARACTER DESIGN 188

29 Good Studio Practice 189
32 Brainstorming and Character Concept 190
37 Visual Metaphors 192
Mind-Map, Research, and Mood Board 193
Thumbnail Development 197
40 Final Character Drawing and Model Sheet 200

LEVEL 07 / ENVIRONMENT DESIGN 203

44 Character/Environment Shapes 204
53 Building Construction 208
55 Character-Centric Environment Design 211
59 Top-Down Environment Design 216
60 Gameplay Map 220

LEVEL 08 / COLOR AND DIGITAL TOOLS 223

74 Color 224
Adding Color with Digital Tools 230

PROFESSIONAL PORTFOLIO AND GETTING WORK 236

BIBLIOGRAPHY 239

INDEX 240