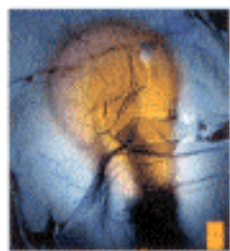
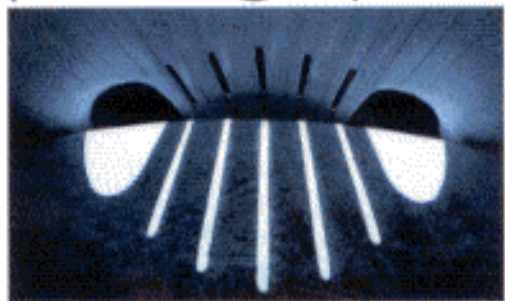


essentials

second edition

photographic



lighting

john child

mark galer



Focal Press

Contents

Introduction	1
Introduction to teachers	2
Introduction to students	3
Research and resources	4
Visual diary	5
Record book	6
Presentation	7
Gallery	8
Characteristics of Light	9
Introduction	10
Source	12
Intensity	14
Quality	16
Colour	18
Direction	20
Contrast	22
Revision exercise	24
Gallery	25
Exposure and Light Meters	27
Introduction	28
Intensity and duration	30
Hand-held light meters	34
Taking a hand-held meter reading	35
TTL light meters	38
Interpreting the meter reading	40
Revision exercise	42
Gallery	43

Contrast and Compensation	45
Contrast	46
Exposure compensation	49
Summary of exposure compensation	52
Revision exercise	53
Gallery	54
 Sensitivity and Image Capture	 55
Introduction	56
Choosing a capture medium	57
Positive image capture	58
Image characteristics	59
Limitations	60
Latitude	61
Push and pulling film	62
Cross processing effect	63
Image preview	64
Revision exercise	65
Gallery	66
 Filters	 67
Introduction	68
Filter categories	69
Filter factors	75
Revision exercise	76
Gallery	77
 Lighting on Location	 79
Introduction	80
Fill	81
Reflectors	82
Flash	83
Choice of flash	84
Guide numbers	86
Flash as the primary light source	87
Diffusion and bounce	88
Fill-flash	89
Flash as a key light	90
Slow-sync flash	91
Revision exercise	92
Gallery	93

The Zone System	95
Introduction	96
Zone placement	97
Contrast control	98
The zones	99
Operating the system	101
Calibration tests	104
Perfecting the system	106
Revision exercise	107
Gallery	108
 Studio Lighting	 109
Introduction	110
Studio lighting	111
Health and safety	112
Light sources	113
Mixed light sources	116
Working with studio lights	117
Lighting ratios	121
On location	125
Revision exercise	127
Gallery	128
 Creative Techniques	 129
Introduction	130
Illusion of movement	133
Revision exercise	134
Gallery	135
 Assignments	 137
Introduction	138
Gallery	140
 Glossary	 141