

# **1 Introduction to Photography for You**

## **2 Artistic Principles**

### **2.1 Composition**

- 2.1.1 Rule of Thirds
- 2.1.2 Avoid Clutter
- 2.1.3 Leading Lines
- 2.1.4 Foreground and Background
- 2.1.5 Perspective
- 2.1.6 Focal Length and Composition
- 2.1.7 Focus and Composition
- 2.1.8 Depth of Field and Composition

### **2.2 Mood**

- 2.2.1 Selective Depth of Field
- 2.2.2 Selective Blurring and Freezing of Motion
- 2.2.3 Contrast
- 2.2.4 Angle of light
- 2.2.5 Time of Day
- 2.2.6 The Seasons
- 2.2.7 Anticipation of Changes in Light
- 2.2.8 Exposure
- 2.2.9 Use of Filters
- 2.2.10 Multiple Exposure

### **2.3 Making the Pictures**

- 2.3.1 People
- 2.3.2 Landscape
- 2.3.3 Cityscape
- 2.3.4 Architecture
- 2.3.5 Still Life
- 2.3.6 Flowers
- 2.3.7 Close-up
- 2.3.8 Themes
- 2.3.9 Sport
- 2.3.10 Night
- 2.3.11 Flash

### **2.4 Presenting the Pictures**

- 2.4.1
- 2.4.2

## **3 Technical Topics**

### **3.1 Exposure**

- 3.1.1 What is Exposure?
- 3.1.2 Camera's exposure management system
- 3.1.3 Exposure measurement
- 3.1.4 Shutter speed
- 3.1.5 Aperture

- 3.1.6 Shutter speed / aperture combinations
- 3.1.7 Typical exposure values
- 3.1.8 Why select a certain shutter speed or aperture
- 3.1.9 Working with fully automatic or program mode
- 3.1.10 Working with exposure mode icons
- 3.1.11 Working with aperture priority or shutter speed priority mode
- 3.1.12 Working with manual exposure mode
- 3.1.13 Exposure compensation
- 3.1.14 Media sensitivity (film or digital image sensor)
- 3.1.15 Exposure for difficult light situations

## **3.2 Focus**

- 3.2.1 What is Focus?
- 3.2.2 Auto Focus
- 3.2.3 Manual Focus
- 3.2.4 How to Avoid Basic Focusing Problems
- 3.2.5 How to Control Depth of Field

## **3.3 Lenses**

- 3.3.1 Lens Optics
- 3.3.2 Image Formation
- 3.3.3 Lens Focal Length and Focusing
- 3.3.4 Aperture
- 3.3.5 Depth of Field
- 3.3.6 Focal Length and Depth of Field
- 3.3.7 Aperture and Depth of Field
- 3.3.8 Typical Lens Focal Lengths
- 3.3.9 Other Lens Topics

## **3.4 Camera Types**

## **3.5 Filters**

## **3.6 Film**

- 3.6.1 Basic Film Purchasing Recommendations
- 3.6.2 General Properties of Film
- 3.6.3 Film Formats
- 3.6.4 Film Types
- 3.6.5 Film Speed
- 3.6.6 Exposure Latitude of Film
- 3.6.7 Push / Pull Exposure and Processing
- 3.6.8 Reciprocity Failure of Film
- 3.6.9 Film Handling

## **3.7 Digital Media**

## **3.8 Accessories**

# **4 Photography Equipment Purchasing Guide**

(film or digital, SLR or range finder, lenses, accessories)