

Cinematography

DIPLOMA STANDARD

1. Drive system of Arriflex 35mm IIC & Arri III and Mitchell Cameras
2. Aspect ratio of
 - 16 mm
 - 35 mm
 - Cinemascope
 - 70mm
3. Different types of Motors used in Motion Picture Cameras (Crystal controlled motors)
 - Variable speed motor
 - Wild motor
4. Exposure Meters
 - Incident Light meter
 - Reflected light meter and working system of cadmium and selenium cells
5. Lenses
 - Wide angle lens
 - Normal Lens
 - Telephoto Lens
 - Anormaphic Lens
 - Zoom Lens

Brief: Depth of Field - Depth of focus - Difference between "f and T" -Circle of confusion
6. Fundamental procedure in indoor lighting and outdoor lighting
Brief: Contrast ratio - High key lighting - Low Key lighting
7. The characteristics of
 - Key Light
 - Fill Light
 - Kicker
 - Back Light
 - Background light
8. Advantages and dis-advantages of Blow-up 16 mm to 35mm
9. Types of Filters
 - Glass filter
 - Gelatine Filter
 - Sandwich filter

Filters used in Black and White photography and colour photography. Special effects filters

 - Polarizer
 - Diffusion
 - Graduated
 - Star
 - Colour Enhancing filter
 - Fog filter
10. Creative use of Composition Camera angles and camera movements.