

SYLLABUS

SEMESTER- 7

Cinematography

SP.PAPER-6

Motion Picture Photography

Credits-3

L	T	P
3	0	10

1. High End Digital Cine Camera

- 1.1 Blackmagic Ursa
- 1.2 Canon
- 1.3 Panasonic
- 1.4 Phantom
- 1.5 Red Digital
- 1.6 Sony Venice
- 1.7 Arri Alexa Workflows

2. Cine Lenses for High resolution Camera

- 2.1 Anamorphic vs. Spherical
- 2.2 Optics Design and Lens Groups
- 2.3 Lens Metadata
- 2.4 Lens Mapping for Visual Effects Work
- 2.5 Lens Section, Anamorphic Prime Lenses and Zoom Lenses
- 2.6 ARRI Signature Primes, Canon Cine Lenses, Sigma Cine Lenses, ZEISS Lenses

3. Camera issues and Problem Solving

- 3.1 Camera issues: Viewfinder
- 3.2 Weight and balance issues
- 3.3 Cables, Camera power, Sensor cleaning
- 3.4 Equipment check, Digital Imaging Technician
Test, Test, Test

4. Camera Set up, Operation

- 4.1 SMPTE Time Code
- 4.2 Shutter/Exposure Time
- 4.3 Camera Setup and Operation: Menus
- 4.4 Log Output Signals
- 4.5 Raw Output
- 4.6 Exposure Strategy

5. The Shooting Process, Set operations
(Cinematography Theory and Practice -Blain Brown)

- 5.1 The DOP
- 5.2 The Cinematographers tool
- 5.3 The Team
- 5.4 The process

Practical

- 1. Exterior Night Lighting
 - 2. Shooting practice for Long take
 - 3. Special Effect Lighting
 - 4. Advertising Lighting
- Exercise: Long Take / Mis en scene

Reference Book :

- 1. Digital Cinematography – David Stump