

## Syllabus template

<b>Semester: V</b>				
<b>Course :</b> Major				
<b>Paper Title:</b> Advanced Motion Picture Photography				
<b>Paper code:</b> C3MV230521P			<b>Credits: 4</b>	
<b>Hours/week :</b> 4 hrs				
<b>Category:</b> Core/MDC/SEC/VAC : Core				
<b>Theory / Practical / Composite :</b> Practical				
<b>No of Modules :</b> 1				
<p>This course advances the learner’s understanding of motion picture photography through an in-depth engagement with digital cinematography, colour theory, camera movement, advanced lighting, and post-production image design. Moving beyond foundational camera use, the course integrates aesthetic decision-making with technical proficiency—encouraging students to analyse, execute, and critique the visual strategies used in professional filmmaking. It explores how lighting continuity, colour grading, VFX workflows, and genre-specific visual forms transform raw footage into cinematic expression, bridging practical craft and conceptual interpretation.</p>				
<b>Course Outcome:</b>				
1. <b>REMEMBER</b> the foundational knowledge of digital cinematography, including the structure and function of camera sensors, principles of digital imaging.				
2. <b>UNDERSTAND</b> how different colour spaces and genre-based visual styles influence the technical requirements and aesthetic output of digital cinematography.				
3. <b>APPLY</b> appropriate camera movements and shot strategies and light schemes				
4. <b>ANALYZE</b> narrative and aesthetic significance of colour design and light scheme in professional cinematic storytelling				
5. <b>ASSESS</b> cinematographic choices in professional works, evaluating the use of lighting, movement, colour, genre-based style, and post-production workflows				
6. <b>CREATE:</b> Plan, shoot, and integrate visuals for Green Screen shoot and colour grading workflows,				
Evaluation : 95 marks continuous assessment				
<b>Paper Structure for Theory Semester Exam Module.NA</b>				
<b>Prerequisites: Sem II</b>				
<b>SYLLABUS</b>				
UNIT/Module	CONTENT	HOURS or NUMBER OF CLASSES	CO Mapping	COGNITIVE LEVEL
I.	<ul style="list-style-type: none"> <li>● Introduction to digital cinematography; camera sensors; digital</li> </ul>	4	CO1,CO2,C3,CO4,CO5,CO6	K1,K2,K3,K4,K5,K6

	<p>image formation; exposure in digital workflows;</p> <ul style="list-style-type: none"> <li>● Introduction to digital colour theory, Colour Space &amp; genre-based visual styles</li> <li>● Camera Movement &amp; Shot Analysis Motivated camera movement; rigs &amp; tools (dolly, straight and circular track, gimbal, handheld,); shot breakdowns; scene analysis</li> <li>● Advanced Lighting &amp; Lighting Continuity, lighting design; lighting for movement; contrast ratio</li> <li>● Green screen fundamentals, Colour Grading Pipeline</li> </ul>			
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**Text Books**

1. Brown, B. (2022). *Cinematography: Theory and Practice* (4th ed.). Routledge.
2. Hoser, T. (2024). *Introduction to cinematography: Learning through practice* (2nd ed.). Routledge,.
3. Millerson G. (2013). *Lighting for Television and Film* (3rd ed.). Focal Press

**Suggested readings**

1. American Society of Cinematographers. *American Cinematographer Manual* (2013).
2. Mercado, G. (2011). *The Filmmaker's Eye: Learning (and Breaking) the Rules of Cinematic Composition*.
3. Stump, D. (2022). *Digital cinematography: fundamentals, tools, techniques, and workflows*. Routledge.

**Web Resources**

1. [nofilmschool.com](http://nofilmschool.com) — Tutorials, interviews, technical articles
2. YouTube channels: Film Riot, StudioBinder, Every Frame a Painting
3. Industry colour-grading case studies (ARRI, RED, Resolve white papers)

Selected articles from American Cinematographer magazine

4.

### Course outcomes (COs) and Cognitive Level Mapping

COs	CO Description	Cognitive levels
CO1	Remember the foundational knowledge of digital cinematography, including the structure and function of camera sensors, principles of digital imaging.	K1
CO2	Comprehend how different color spaces and genre-based visual styles influence the technical requirements and aesthetic output of digital cinematography.	K2
CO3	Apply appropriate camera movements and shot strategies and light schemes	K3
CO4	Analyse narrative and aesthetic significance of colour design and light scheme in professional cinematic storytelling	K4
CO5	Critically assess cinematographic choices in professional works, evaluating the use of lighting, movement, colour, genre-based style, and post-production workflows	K5
CO6	Plan, shoot, and integrate visuals for VFX and colour grading workflows,	K6