



**COLLEGE OF INFORMATION TECHNOLOGY  
DEPARTMENT OF MULTIMEDIA SCIENCE**

**COURSE SYLLABUS/ SPECIFICATION**

**CODE & TITLE:** ITMS 347 – **Video Post-Production**

**WEIGHT:** (2 - 2 - 3)

**PREREQUISITE:** ITMS 327

**NQF Level Allocated:** Level 7

**NQF Notional Hours / Credits:** 120 notional hours/ 12 NQF credit

**DESCRIPTION:** This course introduces students to the basic concepts and terminology of video post-production as it is used in film and games. Students will have a better understanding of how stories are constructed in the editing room using various editing styles. Through demonstrations and hands-on experience, students will learn advanced editing techniques. To further enhance projects, students will create animated motion graphics using After Effects. Strong emphasis is placed on post-production techniques that improve the sound and image quality of the videos.

**OBJECTIVES:**

1. To understand the advanced concepts and terminology of video post-production as it is used in film, and games.
2. To acquire the techniques editors use to construct stories.
3. To gain the different advanced techniques of non-linear editing software.
4. To acquire the technique of professional style color correction.
5. To gain the advanced technique on how to create high quality motion graphics.

**SEMESTER:**  
**INSTRUCTOR:**  
**OFFICE TEL.:**  
**EMAIL:**

**ACADEMIC YEAR:**

**Intended Learning Outcomes (ILOs):**

<b>A. Knowledge and Understanding</b>		<b>NQF Descriptor/ Level</b>
<b>A1</b>	<u>Concepts and Theories:</u> Demonstrate advanced understanding of concepts, and specialized theories relating to video post-production.	Knowledge: theoretical understanding [Level 7]
<b>A2</b>	<u>Contemporary Trends, Problems and Research:</u> NA	
<b>A3</b>	<u>Professional Responsibility:</u> NA	

<b>B. Subject-Specific Skills</b>		<b>NQF Descriptor/ Level</b>
<b>B1</b>	<u>Problem Solving:</u> Identify real life problems and solve them by designing efficient and effective video post-production films.	Knowledge: Practical Application [Level 7]
<b>B2</b>	<u>Modeling and Design:</u> Design the sketch of video post-production film by choosing appropriate components and models that satisfy user specifications.	Knowledge: Practical Application [Level 7]
<b>B3</b>	<u>Application of Methods and Tools:</u> Apply multimedia software and tools such as video editing, audio processing, and vector based software that assists in the creation of video post-production film.	Knowledge: Practical Application [Level 7]

<b>C. Thinking Skills</b>		<b>NQF Descriptor/ Level</b>
<b>C1</b>	<u>Analytic:</u> Critically analyze a video post-production film and remodel part/some/all objects found within the film.	Generic Problem Solving & Analytical skills [Level 7]
<b>C2</b>	<u>Synthetic:</u> NA	
<b>C3</b>	<u>Creative:</u> Demonstrate creativity in designing the video post-production film.	Knowledge: Practical Application [Level 7]

D. General and Transferable Skills (Other Skills Relevant to Employability and Personal)		NQF Descriptor/ Level
<b>D1</b>	<u>Communication</u> : Show ability to communicate information in appropriate oral and written forms.	Communication, ICT and Numeracy Skills [Level 6]
<b>D2</b>	<u>Teamwork and Leadership</u> : NA	
<b>D3</b>	<u>Organizational and Developmental Skills</u> : Demonstrate ability to organize ideas and effectively allocate time in given assignment.	Competence: Autonomy, Responsibility and Context [Level 6]
<b>D4</b>	<u>Ethical and Social Responsibility</u> : NA	

Course Structure (Outline)						
Week	Hours		ILOs	Topics	Teaching Method	Assessment Method
	Lec.	Lab				
1	4	-	A1	<b>Introduction</b>	Lecture	-
2	2	2	A1, B1, B2, B3, C1, C3	<b>Video Editing Techniques</b>	Lecture/ lab Demonstration	In-Lab Exercise
3	2	2	A1, B1, B2, B3, C1, C3	<b>Principles of Continuity Editing</b>	Lecture/ lab Demonstration	In-Lab Exercise
4	2	2	A1, B1, B2, B3, C1, C3, D1	<b>Parallel Editing</b>	Lecture/ Lab Demonstration/ Supervised Work	Oral Inquiry
5	2	2	A1, B1, B2, B3, C1, C3, D3	<b>Sound Design / Sound Mixing</b>	Lecture/ Lab Demonstration/ Supervised Work	Assignment
6	-	4	A1, B1, B2, B3, C1, C3	<b>Scene Breakdowns</b>	Lab Demonstration/ Supervised Work	In-Lab Exercise
7	2	2	A1, B1, B2, B3, C1, C3, D3	<b>Creating Effective Motion Graphics</b>	Lecture/ Lab Demonstration/ Supervised Work	Assignment

8	-	4	A1, B1, B2, B3, C1, C3	<b>Advanced Motion Graphics Techniques</b>	Lab Demonstration/ Supervised Work	In-Lab Exercise
9	2	2	A1,B1, B2, B3, C1, C3	<b>Editing for Documentary</b>	Lecture/ Lab Demonstration/ Supervised Work	In-Lab Exercise
10	2	2	A1,B1,B2,C1	<b>Exploring Compositing Techniques</b>	Lecture/ Lab Demonstration/ Supervised Work	Major Test
11	2	2	A1,B1,B2,B3, C1,C3,D3	<b>Compositing in Motion 1</b>	Lecture/ Lab Demonstration/ Supervised Work	Assignment
12	2	2	A1,B1, B2, B3, C1, C3, D1	<b>Compositing in Motion 2</b>	Lecture/ Lab Demonstration/ Supervised Work	Oral Inquiry
13	2	2	A1,B1, B2, B3, C1, C3	<b>Compositing in Motion 3</b>	Lecture/ Lab Demonstration/ Supervised Work	In-Lab Exercise
14	2	2	A1,B1, B2, B3, C1, C3	<b>DVD design and build</b>	Lecture/ Lab Demonstration/ Supervised Work	In-Lab Exercise
15	2	2	B1,B2,B3,C1,C3, D1,D3	Students Presentations And Reports Of Research Projects	Presentation Of Projects By Students	Evaluation Of Project Presentations & Reports
16			A1, B1,B2, B3 C1, C3	All Topics		Final Exam

**TEACHING MATERIALS:**

**TEXTBOOK(S):** 1. Adobe Creative Team (2013), Adobe After Effects CC Classroom in a book, Adobe Press, ISBN: 978-0-321-92960-0

**HANDOUT(S):** Power point slides, <http://www.ahlia.edu.bh/moodle>.

**REFERENCE(S):** 1. Ciaran Wills (2002), "Video segmentation for post-production", Proc. SPIE 4676, Storage and Retrieval for Media Databases pp. 158

**ASSESSMENTS**

Type of Assessment	Description	ILOs <sup>3</sup>	Weighting
Oral Inquiry	Students will be questioned orally to demonstrate their understanding and knowledge of the topics covered during class lectures and lab sessions.	A1, D1	Formative
Assignment	The assignment consists of essay, problem-solving and research based theoretical questions regarding topics in video post-production. The purpose of the assignment is to assess students individually where they have to demonstrate their extensive and detailed knowledge and critical understanding of key concepts of video post-production.	A1,B1,B2,B3, C1,C3,D3	10%
Major Test	The test will be an in-class 1-hour exam that will consists of short-answer, essay, and problem solving questions and cover the topics studied in the first 9 weeks.	A1,B1,B2,C1	25%
In-Lab Exercises	Each of the four practical exercises consists of a set of practical tasks to be implemented by students individually in lab as shown in the above weekly structure. Each of the exercises assesses the student's skills in the field of video post-production. Students work will be observed and evaluated directly during the lab sessions.	B1,B2, B3,C1,C3	10%
Project Report And Presentation	Starting from weak 4, each student will be asked to composite a short film.	B1,B2,B3,C1,C3,D1,D3	15%
Final Exam	The final exam is comprehensive and practical, and will be of two hours duration. It will consist of short-answer, essay and problem-solving questions to be done on computers.	A1, B1,B2, B3, C1,C3	40%
Overall			100%

<b>13. Admissions</b>	
<b>Pre-requisites</b>	ITMS 327
<b>Minimum number of students</b>	<b>5</b>
<b>Maximum number of students</b>	<b>20</b>