

ELECTIVE MODULE FOR NORMAL (TECHNICAL) STUDENTS

Module Title: Video Production

Duration: 30 hours
(30P)

Pre-requisite: Nil

Aims of Module

Students are trained to edit and produce digital video clip using appropriate video editing software. They will be able to use various editing and post-production techniques to produce a home-made VCD or DVD.

Learning Outcomes

At the end of the module, students will be able to:

- (a) Give an overview of digital video production
- (b) Perform basic video capture
- (c) Perform basic digital video editing
- (d) Adding basic sound and video effects
- (e) Compile video into VCD or DVD format.

Module Outline

Students are trained on the process of producing a digital video clip through different stages such as capturing, assembling, editing, compiling and rendering into the required end-user format.

Outline of Module Syllabus

Item	General Instructional Objective	<u>Instructional Hours</u>	
		<u>Th</u>	<u>Pr</u>
Students should be able to:			
<u>Camcorder Operations and Techniques</u>			
1	State the functions of a camcorder.	-	1
2	List the standard features of a camcorder.	-	1
<u>Basic Video Production</u>			
3	Explain the process of video production: <ul style="list-style-type: none">- Basics of video recording- Basics of video processing- Basics of video delivery- Video specialists.	-	2

Item	General Instructional Objective	Instructional Hours	
		Th	Pr
	Students should be able to:		
	<u>Acquire Video</u>		
4	Perform video shooting using various shooting techniques	-	3
	<u>Video capture</u>		
5	Explain the process of non-linear video editing in a MPC.	-	1
6	Explain the process of capturing video into the multimedia PC.	-	2
	<u>Video editing techniques</u>		
7	Explain the two types of editing mode: Assemble and Insert	-	2
8	Describe the time manipulation techniques in editing: <ul style="list-style-type: none"> • cut-aways • cut-ins • parallel actions • exit and entry 	-	4
9	List the types of transitions : <ul style="list-style-type: none"> • Dissolve • Fade-in / Fade-out • Wipe 	-	4
10	Explain the following terminology for video editing : <ul style="list-style-type: none"> • A/B roll • transition • filters • motion and speed 	-	3
11	Adding sound & audio	-	2

Item	General Instructional Objective	Instructional Hours	
		Th	Pr
Students should be able to:			
<u>Post-production</u>			
12	Explain the procedure to import files for special effects.	-	1
13	State different commands and tools required to achieve the following effects : <ul style="list-style-type: none"> • build image composition • manage and animate layers • working with mask and transparency 	-	3
<u>Export project as movie file.</u>			
14	Describe ways to render movie: <ul style="list-style-type: none"> • Movie player • PAL broadcast • CD-ROM 	-	1
Sub-Total		-	
Total		30	

Teaching and Learning Approaches

Based on the needs and profile of the NT students, the course will consist of 30 practical hrs. Emphasis will also be placed on making the final video interesting using various digital video editing techniques and special effects.

Completion Criterion

Students will be deemed to have successfully completed the module if they score the average marks of 50 for the 3 assessments. The guidelines for the assessments are given below.

Assessment Component

- (i) Assignment 1
Assembling and editing a video clip. (30%)
- (ii) Assignment 2
Adding sound and special effects to a video clip (30%)
- (iii) Assignment 3
Produce a video clip using appropriate video shooting, editing techniques and facilities. (40%)

Target Audience

Sec 3 / 4 Normal (Technical) students

Target Size

20 students per class

Duration

30 instructional hours

Certification

ITE Certification of Attendance will be issued upon successful completion of the course. ITE Certificate of Achievement will be issued upon students meeting the assessment criteria.