



**KERALA MEDIA ACADEMY**  
*An autonomous institution under Government of Kerala*  
**INSTITUTE OF COMMUNICATION**  
Kakkanad, Kochi 682030

*CERTIFICATE COURSE IN  
VIDEO EDITING*



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## Certificate Course in Video Editing

Course Duration	:	6 Months
Minimum Qualification	:	+2 or Equivalent
Batches 2 - Number of Seats	:	15
Selection Process	:	Students will be selected on the basis of a Merit list based on minimum qualification.
Minimum Age	:	18 yrs (Up to 30yrs) on 31/03/2017
Examination	:	Students have to appear for a written examination at the conclusion of the course.

A student is deemed to have passed the examination, if he/she gets a minimum of 40% in each part and secures an aggregate of 40% at the final exam.

Failed candidates can appear for the supplementary exam after paying the requisite exam fee within one year of completion of the course. On no account students can appear after one year.

Attendance	:	<ol style="list-style-type: none"> <li>1. Classes would be held 5 days a week.</li> <li>2. 70% attendance is obligatory. Candidates who fail to appear for examination for shortage of attendance due to illness or other reasons will be considered for continuance of study in the next batch by the Director on his discretion. They would however have to pay the course fees in full or in part as decided by the Director.</li> </ol>
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## Certificate Course in Video Editing

### Scheme for the Course

#### **Phase I**

Film appreciation with an Editor's Perspective  
Editing in Time and Space  
History of Editing

#### **Phase II**

Video Formats – Classifications and differences  
Camera and associated equipments  
Introduction to Sound  
Linear Editing Equipment  
Non-Linear Editing Equipment

#### **Phase III**

Final Cut Pro Basics  
Effects – Video and Audio  
Advanced Final Cut Pro Options  
Soundtrack Pro, Motion and Color  
Exporting, DVD Studio Pro and ComMEDIAor  
Film Editing, News Editing, Documentary Editing

#### **Phase IV**

Final Project  
Final Examination  
Viva Voce

### Final Assessment details

Internal Assessment	:	50 Marks
Final Project/Viva Voce	:	100 Marks
Final Examination	:	50 Marks
<b>Total</b>		<b>200 Marks</b>

## Certificate Course in Video Editing

### Detailed Syllabus

#### Phase I

##### **Film appreciation with an Editor's Perspective**

Film Language – Film Grammar – Narrative Structure – Genres – Story – Screenplay  
– Reading a movie – Visual Elements – Film Reviews – Film Psychology – Film Styles –  
Film Movements – The Art of Filmmaking – Art vs. Commercial Cinema – Film Screening.

##### **Editing in Time and Space**

Time – Space – Rhythm – Composition – Kuleshov Experiment – Sergei Eisenstein -  
Montage – Types of Montages – Andrey Tarkovsky – Real Time vs. Reel Time – Film  
Screening – Film Reviews.

##### **History & Theories of Editing**

Edwin S Porter – D W Griffith – Editing Styles – Edward Dmytryk's Rule of Editing –  
Continuity Editing – Principles of Continuity - 180<sup>0</sup> Rule – Basic Transitions and  
their effect – Other Transitions – Parallel Cutting – Match Cut – Jump Cut – Cut  
Away – Current Trends in Editing.

#### Phase II

##### **Video Formats – Classifications and differences**

Moving Images – Film vs. Video – Frame Rate – PAL vs. NTSC – Interlacing – Aspect  
Ratio – Resolution – Analog Video – Digital Video – DVCAM – Mini DV – Digi Beta –  
HDV – File based Formats – ComMEDIAion – Codec – MPEG 1 – MPEG 2 – MPEG 4 –  
Latest Technologies – Trends.

##### **Camera equipment and associated term**

Frame – Composition – Camera Angles – Shots – Basic Lighting – Camera – Lens –  
Types of Lenses – Focal Length – Focus – Depth of Field – Iris – Camera Menu –  
White Balance – Color Harmony – Rule of Thirds – Indoor Shooting – Outdoor  
Shooting – Studio Setup.

##### **Introduction to Sound**

Sound – Analog vs. Digital – Microphone – Speakers – Mixer - Cables and Connectors  
– Sample Rate – Frequency – Level - Audio CD – WAV – MP3 – Dubbing – Equalizer  
– Noise Cancellation – Audio Syncing – Beep – Audio Levels for TV – Audio  
Normalization.

## **Linear Editing Equipment**

Video Switcher – Setup – Cable and Connectors – Online Editing – Chroma Keying.

## **Non-Linear Editing Equipment**

Introduction to Apple Mac – Setting up a Non-Linear Editing system – Deck – Cables and Connectors – Dos and Don'ts – Basics of Mac OS – System Preferences – Troubleshooting.

## **Phase III**

### **Final Cut Pro Basics**

Easy Setup – Scratch Disk – Audio Video Settings – User Preference – Creating a New Project – Browser – Canvas – Viewer – Timeline – Tools – Capturing and Importing – Log and Capture – Creating new Bin – Creating new Sequence – Sequence Settings – Marking In & Out – Insert – Overwrite – Adding Edit – Delete – Basic Motion – Crop – Speed – Playback controls – Match Frame – Rendering – Full Screen preview – Preview to Other Displays – Keyboard Shortcuts – Managing tracks – Audio Levels – Overlays – Customizing Keyboard Settings – Trimming – Basic Titling.

### **Effects – Video and Audio**

Video Transitions – Audio Transitions – Default Transition – Video Filters – Audio Filters – Color Correction – Chroma Keying – Matte – Modifying Filter Parameters – Using Keyframes – Composite Mode – Video Generators – Use of Photoshop – Quick View.

### **Advanced Final Cut Pro Options**

Working with Image Sequences – Freeze Frame – Multiclip Layout – Multiclip Editing – Voice Over Tool – Media Manager – Reconnecting Media – Nest – Vectroscope – Waveform Monitor – Working with Mixed Format Sequences – Subclip – Master Clip – Broadcast Safe – Color Bars – Creating Tone.

### **Soundtrack Pro, Motion and Color**

#### **Soundtrack Pro**

Audio Editing – Adjusting Clip Speed – Automating – Levels – Equalizer – Sound Mixing – Loops – Importing Audio – Exporting

#### **Motion**

Introduction – Tools – Library – Inspector – Properties – Filters – Behaviors – Titling with Motion – Compositing – Animation – Working in 3D – Camera – Importing – Exporting.

**Color**

Primary Color Correction – Secondary Color Correction – Basic Grading – Controlling Color - Color Correcting for Scene Continuity – Color Effects – Keyframing Effects – Rendering – Exporting.

**Exporting, DVD Studio Pro and ComMEDIAor****Exporting**

Exporting to file – Export to Tape – Print to Video – Edit to Tape – Mastering – Sending to DVD Studio Pro, ComMEDIAor, and Motion.

**DVD Studio Pro**

Creating a New Project – Creating Menus – Creating Chapter Index – Importing Assets – Creating Transitions – Finishing Your DVD.

**ComMEDIAor**

Encoding with ComMEDIAor – Settings – Destinations – Custom settings – Submit.

**Film Editing vs. News Editing vs. Documentary Editing**

Film Editing – Cinema Tools – News Editing – Documentary Editing – Editing to Music.

**Phase IV****Final Project**

1. Short film of Duration 5-8 min.
2. Students will be divided into groups for shooting
3. Editing has to be done individually