



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"> 1. Classes would be held 5 days a week. 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.
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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
Total		200 Marks

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 - 180⁰ 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