

(DIA111) Introduction to Digital Animation

6 semester credits

Prerequisite: Film and Video Production Program = Visualization I (VIS100)

Prerequisite: Visual Communication Program = Upper Division Standing

Students study the process of creating shapes and objects in a 3D digital environment. Emphasis is placed on modeling set up for animation in a digital environment. Projects include the creation of wire frame figures and objects, creation of surfaces with the goal of realistic form and tonal value.

(DIA307) Digital Cinematography

6 semester credits

Prerequisite: Advanced Animation Drawing (DRA302)

Students explore techniques used to create realistic looking materials, lighting effects and use cameras to produce rendered images that convey the intended look and feel of a scene. Refining of movement and continued techniques in animation practices are also emphasized to convey individual personality and behavior.

(DIA310) Compositing & Visual Effects 1

6 semester credits

Prerequisite: Digital Cinematography (DIA307)

Students study green screen compositing with live action against 2D backgrounds. Students study how to light and shoot live characters in action against a green screen environment and then create a digital background to composite with the live action. Emphasis placed on correct matching of lighting, movement and textures of live action and digital background. As well, the theories and techniques of compositing images and image sequences in layers for the construction of visual effects such as fire, smoke, fluids and collisions are explored.

(DIA401) Compositing & Visual Effects 2

6 semester credits

Prerequisite: Compositing & Visual Effects 1 (DIA310)

Students have the opportunity to learn how to build and film miniatures for compositing with both live action and digital visual effects. Emphasis is placed on pre-planning and integration of all elements to create a successful finished composition. Visual effects requiring particles and dynamic simulations are further refined as part of the final project.

(DIA404) Advanced Digital Animation 1

6 semester credits

Prerequisite: Compositing & Visual Effects 2 (DIA401)

Students are expected to pre-plan and storyboard a scene for their portfolio reel that should combine live action, 3D and 2D digital animation. A workflow for the portfolio project is required to be approved by the faculty. Creative thinking and artistic interpretation are stressed along with technical excellence to produce work that is original in concept.

(DIA405) Advanced Digital Animation 2

6 semester credits

Prerequisite: Advanced Digital Animation 1 (DIA404)

Students continue to work on their portfolio project. Faculty gives technical instruction as needed along with aesthetic criticism for live action, 3D and 2D movement, texture and lighting. Successful compositing of elements into a finished piece with a composite sound mix is due for the final critique.

(DIA412) Stop Motion Animation 1

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

Students have the opportunity to learn how to create animation with practical models and objects using film stop motion techniques on the Bolex camera. The class is comprised of a series of weekly practical stop motion exercises, which include miniature set building, character/model construction, miniature lighting and camera movements. A short stop motion animation project is pre-planned and storyboarded for final critique.

(DIA413) Stop Motion Animation 2

6 semester credits

Prerequisite: Stop Motion Animation 1 (DIA412)

The project pre-planned and approved in Stop Motion Animation 1 (DIA412) should be produced and reshoots are done as needed. Final soundtracks are added and a composite sound mix is due with the finished stop motion animation project.

(DIM253) Digital Imaging

6 semester credits

Prerequisite: Film and Video Production Program = Post Production and Sound (MPV273)

Prerequisite: Professional Photography Program = Lighting Studio (PHO202)

This course is a hands-on introduction to digital image media. Basic digital tools and vocabulary will be discussed, with the emphasis on a photographer's use of digital media. Beginning with scanning and input options, students can learn to use software to enhance, correct, and manipulate images. Output options will be explored with emphasis on recent developments in digital print technology.

(DRA302) Advanced Animation Drawing

6 semester credits

Prerequisite: Introduction to Digital Animation (DIA111)

This class covers advanced animation drawing skills to include the exploration of emotion, gravity, dimension, and conceptual drawing. Emphasis is placed on the creation of believable characters, spatial effects, life movements, and backgrounds.

(MPV101) Fundamentals of Film Language

6 semester credits

A fundamental introduction to the language of filmmaking using still images in sequences to demonstrate the context between cuts in a scene. Emphasis on storytelling, composition, continuity, preproduction and basic exterior lighting.

(MPV104) Studio and Location Lighting

6 semester credits

Prerequisite: Fundamentals of Film Language (MPV101)

An in-depth introduction to studio and location lighting. Emphasis on the qualities of light and how to modify them to achieve the best technical results to support the story.

(MPV107) Digital Video 1

6 semester credits

Prerequisite: Studio and Location Lighting (MPV104)

A comprehensive introduction to digital video production and computer editing for both picture and sound. An overview which emphasizes movement, composition and computer techniques to support storytelling.

(MPV200) Digital Video 2

6 semester credits

Prerequisite: Film and Video Production Program = Digital Video 1 (MPV107)

Prerequisite: Professional Photography Program = Video Production (MPV161)

A continuation of techniques and concepts introduced in Digital Video 1 with an emphasis on developing storytelling skills. Introduction to the non-fiction narrative form. Pre-production is emphasized as well as exploring different film languages through practical assignment work.

(MPV237) Advanced Cinematography

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

This course is an introduction to specialty camera work and rigging as well as an in-depth examination of alternative film processes and manipulation. Field trips to various film industry facilities to demonstrate complex camera rigging are an integral part of the class.

(MPV240) Corporate Video Production

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

This course introduces corporate video production and illustrates the relationship between the producer and the corporate client. Corporate image videos, training videos, conference and event production, teleconferencing and other corporate video needs are explored as well as practical assignments with a real or fictional company.

(MPV241) Nature Cinematography

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

Evaluation of techniques used for natural history cinematography is introduced in this course. Extensive field trips to zoos, botanical gardens and regional wilderness areas provide opportunities to photograph landscapes, animals or insects in their natural setting. Course also covers stock agencies and self-promotion.

(MPV242) Documentary Production 1

6 semester credits

Prerequisite: Post Production and Sound (MPV273) and orientation meeting for the class

Research and development of a documentary subject through interviews and investigation. Examination of various documentary styles along with the ethics of documentary filmmaking. A documentary project is chosen and developed for production in Documentary Production 2 (MPV243).

(MPV243) Documentary Production 2

6 semester credits

Prerequisite: Documentary Production 1 (MPV242)

Production of the documentary project developed in the Documentary Production 1 (MPV242). Re-shooting is encouraged to develop the story of the subject matter as it progresses through the post-production process.

(MPV270) Visual Storytelling

6 semester credits

Prerequisite: Film and Video Production Program = Digital Video 2 (MPV200)

Prerequisite: Professional Photography Program = Digital Video 2 (MPV200) or Digital Video for Photojournalists (MPV261)

An examination concerning the basic principles of visual storytelling. Weekly assignments teach plot structure, character development and dialogue. Students are expected to write dialogue, develop outlines, treatments and character histories, which are critiqued weekly by both the instructor and fellow classmates.

(MPV271) Introduction to Film Production

6 Semester Credits

Prerequisite: Visual Storytelling (MPV270)

This course introduces an appreciation of filmmaking techniques through the study of films. The course further stresses preproduction techniques. The student defines and develops an idea for a short narrative project which is filmed in course MPV272 and completed in course MPV273. The Bolex camera is introduced.

(MPV272) Production and Lighting

6 Semester Credits

Prerequisite: Introduction to Film Production (MPV271)

Motion Picture filming techniques using the Bolex and Arriflex 16mm cameras are introduced in this comprehensive course. Proper camera technique, and lighting for film and continuity are emphasized. The project prepared in Course MPV271 is filmed.

(MPV273) Post-Production and Sound

6 Semester Credits

Prerequisite: Production and Lighting (MPV272)

Post-production techniques such as editing and sound mixing are taught. The emphasis on sound prepares students for future sync-sound production. This entails correct microphone selection and placement, and correct recording and transfer methods. The project filmed in MPV272 is edited and sound is applied to the film.

(MPV274) Lab and Animation

6 Semester Credits

Prerequisite: Post-Production and Sound (MPV273)

Students make a detailed study of the types of film used in motion picture, and they have the opportunity to learn about laboratory capabilities and how to work with the lab. The fundamentals of animation and optical printing are taught. Students are expected to produce a short animated film.

(MPV280) Advanced Digital Post

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

The course represents an in-depth study in computer motion graphics in a two-dimensional environment. Creating dynamic designs using composites of multiple layers with unlimited numbers of elements and special effects is the focus of the class. The student should become familiar with the powerful special effects and the 2D animation software Adobe After Effects.

(MPV300) Cinematography

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

This class consists of lecture with creative exercises for lighting with movement on film. As well, the class would include alternative processes and film manipulation. The technical aspects of working with the film camera are introduced as well as the relationship with the lab and the telecine process.

(MPV306) Directing For the Story

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

A course that emphasizes directing and blocking with actors. Weekly exercises teach the student how to direct and block actors for the best visual end result.

(MPV307) Directing for the Actor

6 Semester credits

Prerequisite: Post Production and Sound (MPV273)

An advanced directing class that examines the unique relationship between the director and the actor. Effective direction of actors in order to best deliver the proper performance for the story is emphasized. Students should work both as actors and as directors in weekly exercises throughout the class.

(MPV312) Advertising Film Production 1

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

Developing and planning a 30 second commercial for advertising. Emphasis on writing, storyboard development, working with ad agencies and creating the best concept to sell the product being advertised. History and theory of the advertising commercial format is also explored to gain an insight into current trends.

(MPV313) Advertising Film Production 2

6 semester credits

Prerequisite: Advertising Film Production 1 (MPV312)

Production and post-production of commercial projects developed and planned in Advertising Film Production 1 (MPV312).

(MPV316) Music Video Production

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

This course consists of music video production that emphasizes storytelling and performance within the genre. Planning and storyboarding emphasized to develop the best concept to portray the band or song performance for the audience. A brief history of shooting and editing techniques, a detailed analysis of the interrelationship between visual storytelling and music are also covered.

(MPV375) Directing and Screenwriting

6 semester credits

Prerequisite: Film and Video Production Program: Post Production and Sound (MPV273)

Visual Journalism Program: Digital Video for Photojournalists (MPV261)

The first assignment is writing the screenplay for the course(s) MPV376 and MPV377 class production. Each student has the opportunity to complete a screenplay and then submit it for selection for production. As well as reviewing films each week, students are expected to prepare ideas for their own portfolio work. The course also teaches directing techniques such as blocking, camera moves, casting, and correct rehearsal procedures. Students also work on scenes that are videotaped and discussed.

(MPV376) Narrative Film Production

6 Semester Credits

Prerequisite: Directing and Screenwriting (MPV375)

This intermediate level course introduces theatrical filmmaking. Students are expected to produce one of the scripts developed and selected in Course MPV375. Sync-sound filming techniques are taught using more sophisticated equipment such as the Arriflex SRII or the Panavision Panaflex 16mm camera. The entire class functions as a single production unit. Each student has a specific job on the film such as director, production manager, director of photography, editor or script supervisor. The short theatrical production chosen from course MPV375 is filmed.

(MPV377) Narrative Film Post-Production

6 semester credits

Prerequisite: Narrative Film Production (MPV376)

More advanced post-production concepts and techniques, as applied to theatrical film, are taught. The student's editorial skills are expected to be refined. The class edits, tracks, and mixes on ProTools to finish the short theatrical project filmed during course MPV376.

(MPV378, MPV474, MPV475, MPV476) Portfolio Production

These courses are set aside for production of the portfolio film. An individualized program is set up allowing enough flexibility for students to tailor their schedules to meet the requirements of their projects. By this time, specialization is encouraged so that students can concentrate on areas they expect to work in after graduation. The portfolio productions are treated as "real world" work situations where the student forms a production company and contracts to deliver the film. This Portfolio Production series is comprised of the following:

(MPV378) Portfolio Pre-Production

6 semester credits

Prerequisite: Narrative Film Post-Production (MPV377)

(MPV474) Portfolio Production

6 semester credits

Prerequisite: Portfolio Pre-Production (MPV378)

(MPV475) Portfolio Post 1

6 semester credits

Prerequisite: Portfolio Production (MPV474)

(MPV476) Portfolio Post 2

6 semester credits

Prerequisite: Portfolio Post 1 (MPV475)

This is the capstone course for students with the Feature Film concentration.

(MPV415) Black and White 1

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

A course dedicated to black and white film production. Aesthetic values of the black and white image are examined in relation to storytelling and audience expectations. Critical thinking in creative use of the black and white image and storytelling is encouraged. The course involves a series of exercises that end with a short film shot on black and white film.

(MPV416) Black and White 2

6 semester credits

Prerequisite: Black and White 1 (MPV415)

This course consists of post-production of the black and white project shot on film in Black and White 1 (MPV415). The film is edited in the computer and then finished on film negative to produce a film answer print with an optical soundtrack. Emphasis in the class is placed on the soundtrack to encourage students to use sound creatively to maximize the emotional impact of their film project.

(MPV417) Feature Screenwriting 1

6 semester credits

Prerequisite: Post Production and Sound (MPV273)

This course is a rigorous examination of professional feature scriptwriting. Weekly assignments teach plot structure, character development and dialogue. Students have the opportunity to develop outlines, treatments and character histories which are critiqued weekly by both the instructor and fellow classmates.

(MPV418) Feature Screenwriting 2

6 semester credits

Prerequisite: Feature Screenwriting 1 (MPV417)

This course is a rigorous screenwriting workshop. Assignments are writing and rewriting a feature-length script, as well as reading each other's work – critiqued weekly by both the instructor and class.

(MPV490) Final Portfolio

6 semester credits

Prerequisite: Completion of 15, eight-week sessions.

This course is a survey of the structure of the media industry and the various career paths available. Students study the different skill sets required for each path and are presented with ways to develop their portfolio reel and supporting materials to best prepare them to enter the media job market.