

Digital Cinema Production Technician (Certificate)

Certificate of Mastery

Minimum of 32 credit hours

This certificate program allows an individual to work toward an attainable goal without taking the general education courses required for an associate degree. College credits earned may apply toward an Associate in Applied Science degree or Associate of Arts degree in Digital Cinema Production. This certificate provides students the opportunity to become trained in the technical aspects of film and video production providing the community with a trained workforce of technicians able to handle lights, cameras, props, sound, and set design for film and video projects.

COURSE SEQUENCE

Course ID	Course Name	Credits	Type	Min GD
Term 1				
DCP 1214	Cinematography I	4*	Major	C
	Students will be introduced to the equipment and technical aspects used for films and television. They will demonstrate an understanding of terms and procedures in selecting equipment for specific scenes. They will demonstrate a basic understanding of how to use lights, sound and camera devices. They will demonstrate a technical understanding of the workflow utilized in preproduction, production and post production process of motion pictures. Laboratory experience is a required component of this course. Prerequisites: None			
DCP 2323	Film Editing and Digital Effects I	3*	Major	C
	Students will learn the digital environment of the non-linear AVID editing system, mastering the basics of multiple video and audio tracks, scenes assembly, time line structure and maintenance. Basic transitions such as dissolves, fades, wipes, and others will be introduced. Students will learn the process of commercial digital film editing and become familiar with story line and plot development through basic post-production techniques of picture and sound juxtaposition. Students will also be introduced to the mechanics and methods of digital effects. They will demonstrate a proficiency in the manipulation of single images, resulting in digitally enhanced composite shots and scenes. Prerequisites: None			
DCP 2123	Film Production and Business	3*	Major	C
	Students will study the film-making process from concept to completion with special emphasis on the relationship between key staff members such as the producers, editors, directors, and cinematographers. They will demonstrate a basic understanding of film production technology and terminology. They will also analyze publicity, marketing techniques and materials, distribution plans, contracts, labor relations, business plans, copyright, chain of title, and negotiating with management and representation. As part of this course students will develop an entire plan for the production of a film which may become their Capstone project. The plan will include the selection of a script, a detailed schedule, budget, and possible contracts for staff and talent. Prerequisites: None			
DCP 1133	Production Design	3*	Major	C
	The student will demonstrate an understanding of location design, exterior and interior art direction and construction, stage sets, props, signage, costume and set decoration, makeup, and hair dressing. Prerequisites: None			
Term 2				
DCP 1214	Cinematography I	*	Major	C

Students will be introduced to the equipment and technical aspects used for films and television. They will demonstrate an understanding of terms and procedures in selecting equipment for specific scenes. They will demonstrate a basic understanding of how to use lights, sound and camera devices. They will demonstrate a technical understanding of the workflow utilized in preproduction, production and post production process of motion pictures. Laboratory experience is a required component of this course.**Prerequisites:**

None

DCP 2323	Film Editing and Digital Effects I	*	Major	C
	Students will learn the digital environment of the non-linear AVID editing system, mastering the basics of multiple video and audio tracks, scenes assembly, time line structure and maintenance. Basic transitions such as dissolves, fades, wipes, and others will be introduced. Students will learn the process of commercial digital film editing and become familiar with story line and plot development through basic post-production techniques of picture and sound juxtaposition. Students will also be introduced to the mechanics and methods of digital effects. They will demonstrate a proficiency in the manipulation of single images, resulting in digitally enhanced composite shots and scenes. Prerequisites:			
	None			
DCP 2123	Film Production and Business	*	Major	C
	Students will study the film-making process from concept to completion with special emphasis on the relationship between key staff members such as the producers, editors, directors, and cinematographers. They will demonstrate a basic understanding of film production technology and terminology. They will also analyze publicity, marketing techniques and materials, distribution plans, contracts, labor relations, business plans, copyright, chain of title, and negotiating with management and representation. As part of this course students will develop an entire plan for the production of a film which may become their Capstone project. The plan will include the selection of a script, a detailed schedule, budget, and possible contracts for staff and talent. Prerequisites:			
	None			
DCP 1133	Production Design	*	Major	C
	The student will demonstrate an understanding of location design, exterior and interior art direction and construction, stage sets, props, signage, costume and set decoration, makeup, and hair dressing. Prerequisites:			
	None			

Term 3

DCP 2253	Film Sound	3*	Major	C
	Students will demonstrate the use of microphones, microphone placement, sound enhancements, volume, and the recording techniques used on location and in a studio. They will produce a full sound mix, including dialogue, score, source music, sound effects, and a variety of digital technologies. Prerequisites:			
	DCP 1214			
DCP 2214	Cinematography II	4*	Major	C
	Students will be introduced to the composition of film and television. They will demonstrate an understanding of picture and sound techniques to produce a meaningful and cohesive visual and aural story. They will demonstrate a basic understanding of utilizing lights, sound and camera locations and movements relative to the visual and aural story. Laboratory experience is a required component of this course. Prerequisites:			
	DCP 1214 and DCP 2323 or by evaluation. § Criteria for evaluation is in division office.			
DCP 2613	Film Or Video Internship	3*	Major	C
	Students will work on the production of student films, or they will be placed in a professional setting that will require them to use their workplace skills through a supervised practical experience in support of film or video projects. The course may be repeated to a maximum of 6 credit hours with the consent of the instructor. Prerequisites:			
	6 hours of Digital Cinema Production courses			
DCP 1713	Screenwriting	OR^	Major	C
	Students will be given basic instruction in the skills of writing and analyzing screenplays. Students will produce examples of the type of writing on which the instruction is focused. This course will include the analytical breakdown of screenplay elements through script analysis of feature-length screenplays and short-form screenplays. Students will synthesize their knowledge and skills learned in class, and problem-solve by writing "coverage" of student class projects—and by writing multiple short-form screenplays, culminating in a screenplay for a Capstone Project. They will also create a step-outline for a feature-length motion picture. Prerequisites:			
	None			
DCP 2273	Documentary Filmmaking	3*	Major	C
	Students will analyze the techniques and resources for the successful development and completion of filmed documentary productions. They will examine the duties of the documentary filmmaker from the perspective of the various craft categories. Students will synthesize their knowledge and skills learned in class, and problem-solve by producing examples of the type of filmmaking on which the instruction is focused. Prerequisites:			
	DCP 1214 and DCP 2323			

Term 4

DCP 2253	Film Sound	*	Major	C
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Students will demonstrate the use of microphones, microphone placement, sound enhancements, volume, and the recording techniques used on location and in a studio. They will produce a full sound mix, including dialogue, score, source music, sound effects, and a variety of digital technologies.**Prerequisites:**
DCP 1214

DCP 2214	Cinematography II	*	Major	C
Students will be introduced to the composition of film and television. They will demonstrate an understanding of picture and sound techniques to produce a meaningful and cohesive visual and aural story. They will demonstrate a basic understanding of utilizing lights, sound and camera locations and movements relative to the visual and aural story. Laboratory experience is a required component of this course. Prerequisites: DCP 1214 and DCP 2323 or by evaluation. § Criteria for evaluation is in division office.				
DCP 2613	Film Or Video Internship	*	Major	C
Students will work on the production of student films, or they will be placed in a professional setting that will require them to use their workplace skills through a supervised practical experience in support of film or video projects. The course may be repeated to a maximum of 6 credit hours with the consent of the instructor. Prerequisites: 6 hours of Digital Cinema Production courses				
DCP 1713	Screenwriting	OR^	Major	C
Students will be given basic instruction in the skills of writing and analyzing screenplays. Students will produce examples of the type of writing on which the instruction is focused. This course will include the analytical breakdown of screenplay elements through script analysis of feature-length screenplays and short-form screenplays. Students will synthesize their knowledge and skills learned in class, and problem-solve by writing "coverage" of student class projects—and by writing multiple short-form screenplays, culminating in a screenplay for a Capstone Project. They will also create a step-outline for a feature-length motion picture. Prerequisites: None				
DCP 2273	Documentary Filmmaking	*	Major	C
Students will analyze the techniques and resources for the successful development and completion of filmed documentary productions. They will examine the duties of the documentary filmmaker from the perspective of the various craft categories. Students will synthesize their knowledge and skills learned in class, and problem-solve by producing examples of the type of filmmaking on which the instruction is focused. Prerequisites: DCP 1214 and DCP 2323				

Term 5

DCP 2453	Film Sound Editing	3*	Major	C
Students will master the aural forces that make film an expressive means of communication utilizing the digital medium of the intermediate ProTools non-linear sound editing system. Students will demonstrate proficiency in construction of sound sequences, interrelationships of the various sound track elements, sound design, foley and editorial theory that affect the overall aural aesthetics of recorded music and effects in film storytelling. Prerequisites: DCP 2253				
DCP 2713	Capstone Project	3*	Major	C
Individually or in groups, students will produce a short 10 to 20 minute, completely edited, finished film, demonstrating their mastery of the various film craft categories and the entire film making process. In some cases, students may work on a professional production in a capacity which demonstrates the skills they have learned. Prerequisites: Students are required to complete all required major DCP courses before taking DCP 2713. Prerequisite: DCP 2273 or DCP 1713				

Term 6

DCP 2453	Film Sound Editing	*	Major	C
Students will master the aural forces that make film an expressive means of communication utilizing the digital medium of the intermediate ProTools non-linear sound editing system. Students will demonstrate proficiency in construction of sound sequences, interrelationships of the various sound track elements, sound design, foley and editorial theory that affect the overall aural aesthetics of recorded music and effects in film storytelling. Prerequisites: DCP 2253				
DCP 2713	Capstone Project	*	Major	C
Individually or in groups, students will produce a short 10 to 20 minute, completely edited, finished film, demonstrating their mastery of the various film craft categories and the entire film making process. In some cases, students may work on a professional production in a capacity which demonstrates the skills they have learned. Prerequisites: Students are required to complete all required major DCP courses before taking DCP 2713. Prerequisite: DCP 2273 or DCP 1713				

*16-week course offered during two 8-week terms

^Take DCP 1713 (8-week course) OR DCP 2273 (16-week course)

COURSE GROUPING

Major Courses: (32 credit hours) (C) Digital Cinema Production: DCP 1133; DCP 1214; DCP 2123; DCP 2214; DCP 2253; DCP 2273 or DCP 1713; DCP 2323; DCP 2453; DCP 2613; DCP 2713

General Education Courses: None

Life Skills Courses: None

Support Courses: None

(C) A grade of "C" or higher must be achieved in Major Courses.

PROGRAM NOTES

Notes: A Certificate of Mastery program is designed to meet the needs of an individual who wants to enter the job market following the completion of the certificate.

COURSE DESCRIPTIONS

DIGITAL CINEMA PRODUCTION

DCP 1133 - Production Design

The student will demonstrate an understanding of location design, exterior and interior art direction and construction, stage sets, props, signage, costume and set decoration, makeup, and hair dressing.

Prerequisites: None

Credits: 3

DCP 1214 - Cinematography I

Students will be introduced to the equipment and technical aspects used for films and television. They will demonstrate an understanding of terms and procedures in selecting equipment for specific scenes. They will demonstrate a basic understanding of how to use lights, sound and camera devices. They will demonstrate a technical understanding of the workflow utilized in preproduction, production and post production process of motion pictures. Laboratory experience is a required component of this course.

Prerequisites: None

Credits: 4

DCP 1713 - Screenwriting

Students will be given basic instruction in the skills of writing and analyzing screenplays. Students will produce examples of the type of writing on which the instruction is focused. This course will include the analytical breakdown of screenplay elements through script analysis of feature-length screenplays and short-form screenplays. Students will synthesize their knowledge and skills learned in class, and problem-solve by writing "coverage" of student class projects--and by writing multiple short-form screenplays, culminating in a screenplay for a Capstone Project. They will also create a step-outline for a feature-length motion picture.

Prerequisites: None

Credits: 3

DCP 2123 - Film Production and Business

Students will study the film-making process from concept to completion with special emphasis on the relationship between key staff members such as the producers, editors, directors, and cinematographers. They will demonstrate a basic understanding of film production technology and terminology. They will also analyze publicity, marketing techniques and materials, distribution plans, contracts, labor relations, business plans, copyright, chain of title, and negotiating with management and representation. As part of this course students will develop an entire plan for the production of a film which may become their Capstone project. The plan will include the selection of a script, a detailed schedule, budget, and possible contracts for staff and talent.

Prerequisites: None

Credits: 3

DCP 2214 - Cinematography II

Students will be introduced to the composition of film and television. They will demonstrate an understanding of picture and

sound techniques to produce a meaningful and cohesive visual and aural story. They will demonstrate a basic understanding of utilizing lights, sound and camera locations and movements relative to the visual and aural story. Laboratory experience is a required component of this course.

Prerequisites: DCP 1214 and DCP 2323 or by evaluation. § Criteria for evaluation is in division office.

Credits: 4

DCP 2253 - Film Sound

Students will demonstrate the use of microphones, microphone placement, sound enhancements, volume, and the recording techniques used on location and in a studio. They will produce a full sound mix, including dialogue, score, source music, sound effects, and a variety of digital technologies.

Prerequisites: DCP 1214

Credits: 3

DCP 2273 - Documentary Filmmaking

Students will analyze the techniques and resources for the successful development and completion of filmed documentary productions. They will examine the duties of the documentary filmmaker from the perspective of the various craft categories. Students will synthesize their knowledge and skills learned in class, and problem-solve by producing examples of the type of filmmaking on which the instruction is focused.

Prerequisites: DCP 1214 and DCP 2323

Credits: 3

DCP 2323 - Film Editing and Digital Effects I

Students will learn the digital environment of the non-linear AVID editing system, mastering the basics of multiple video and audio tracks, scenes assembly, time line structure and maintenance. Basic transitions such as dissolves, fades, wipes, and others will be introduced. Students will learn the process of commercial digital film editing and become familiar with story line and plot development through basic post-production techniques of picture and sound juxtaposition. Students will also be introduced to the mechanics and methods of digital effects. They will demonstrate a proficiency in the manipulation of single images, resulting in digitally enhanced composite shots and scenes.

Prerequisites: None

Credits: 3

DCP 2453 - Film Sound Editing

Students will master the aural forces that make film an expressive means of communication utilizing the digital medium of the intermediate ProTools non-linear sound editing system. Students will demonstrate proficiency in construction of sound sequences, interrelationships of the various sound track elements, sound design, foley and editorial theory that affect the overall aural aesthetics of recorded music and effects in film storytelling.

Prerequisites: DCP 2253

Credits: 3

DCP 2613 - Film Or Video Internship

Students will work on the production of student films, or they will be placed in a professional setting that will require them to use their workplace skills through a supervised practical experience in support of film or video projects. The course may be repeated to a maximum of 6 credit hours with the consent of the instructor.

Prerequisites: 6 hours of Digital Cinema Production courses

Credits: 3

DCP 2713 - Capstone Project

Individually or in groups, students will produce a short 10 to 20 minute, completely edited, finished film, demonstrating their mastery of the various film craft categories and the entire film making process. In some cases, students may work on a professional production in a capacity which demonstrates the skills they have learned.

Prerequisites: Students are required to complete all required major DCP courses before taking DCP 2713. Prerequisite: DCP 2273 or DCP 1713

Credits: 3

