Critical media practices addresses the changing landscape of electronic media making by developing student analytical and production skills across a wide range of platforms, practices and technologies. The department explores the creative potential of cross-platform media production, as well as time-based media arts practices, such as immersive media production, sound practices and performance media. Our convergent approach to media spans a variety of media tools including digital photography, audio/video editing and single camera video production, computational media, open source programming and emergent tools under development. Our students acquire the skills and perspective to critically understand and actively contribute to this new constellation of audio-visual media making possibilities. The Department of Critical Media practices aims to prepare students to pursue careers as media art creators and critical citizens for the 21st century.

Production coursework encourages the development of personal style as students explore the expressive potential of emergent media practices, with a particular emphasis on the documentary impulse and making the “invisible” visible. Our program explores media art from a critical perspective: its nature, its history and its place in the contemporary world. Students are required to analyze not only existing media but also their own work. In this way the program presents media art as a way of engaging and knowing the world. At the graduate level, our department features an MFA degree in Interdisciplinary Documentary Media Practices and a Graduate Certificate in Interdisciplinary Documentary Media Practices. The department also offers a practice-led Ph.D. in Emergent Technologies and Media Art Practices. The Center for Documentary and Ethnographic Media is affiliated with our program. Our department collaborators include faculty and students from Anthropology, Art and Art History, Center for the American West, Center for Asian Studies, Dance, English, Film Studies, Geography, Music and programs within the College of Media Communication and Information.

Course code for this program is CMDP.

Bachelor’s Degree

- Media Production - Bachelor of Arts (BA) (catalog.colorado.edu/undergraduate/colleges-schools/media-communication-information/programs-study/critical-media-practices/media-production-bachelor-arts-ba)

Minor

- Media Production - Minor (catalog.colorado.edu/undergraduate/colleges-schools/media-communication-information/programs-study/critical-media-practices/media-production-minor)

Faculty

While many faculty teach both undergraduate and graduate students, some instruct students at the undergraduate level only. For more information, contact the faculty member’s home department.

Ambrose, Kirk T (https://experts.colorado.edu/display/fisid_115914)  
Professor; PhD, University of Michigan Ann Arbor

Auguste, Reece Luke (https://experts.colorado.edu/display/fisid_149596)  
Assistant Professor; PhD, Univ of Nottingham (England)

Boord, Daniel Olin (https://experts.colorado.edu/display/fisid_134649)  
Professor; MFA, University of California-San Diego

Espelie, Erin Marie (https://experts.colorado.edu/display/fisid_148671)  
Assistant Professor; MFA, Duke University

Ewen, Hunter P (https://experts.colorado.edu/display/fisid_152587)  
Instructor; DMA, University of Colorado Boulder

Hammons, Christian Stanford (https://experts.colorado.edu/display/fisid_152915)  
Instructor; PhD, University of Southern California

Mason, Gesel R (https://experts.colorado.edu/display/fisid_149966)  
Assistant Professor; MFA, University of Colorado Boulder

Oakes, Timothy S. (https://experts.colorado.edu/display/fisid_109269)  
Professor; PhD, University of Washington

Rivers, Julius Edwin (https://experts.colorado.edu/display/fisid_101652)  
Professor; PhD, University of Oregon

Saxton, Richard W (https://experts.colorado.edu/display/fisid_144756)  
Associate Professor; MFA, Indiana University Bloomington

CMDP 1400 (4) Introduction to Contemporary Media Cultures

Prepares students for critical practices in contemporary media cultures in a global context. Explores the diversity of media practices, including narrative and non-narrative forms, emphasizing aesthetics and visual studies. In lectures and labs students will explore video, sound, the internet and other multi-media platforms of expression.

Grading Basis: Letter Grade

CMDP 2100 (3) Approaches to Historical Media Practices

Investigate historical and cultural discourses in the formation of media practices. Examines practices such as performance media; cinematic media, media art, and their aesthetic alignment to cognate movements throughout history.

CMDP 2400 (3) Media Aesthetics

Builds students’ ability to watch, reflect on, and write about media images. The course will be grounded in the analysis of media practices with special focus on media style and storytelling techniques. Explores media aesthetics from formal, cultural, and theoretical perspectives. Requisites: Requires a prerequisite course of CMDP 1400 (minimum grade C).

CMDP 2500 (3) Introduction to Media Practices

Working in design groups, students will explore the expressive potential of media through the production of short projects, discussions, readings, formal analysis, and critique. Provide a basic introduction to media practices as an extension of “visual thinking” and through approaches to storytelling, and hybrid media forms. Requisites: Requires a prerequisite course of CMDP 1400 (minimum grade C).
CMDP 2510 (1-3) Critical Media Practices Workshop 1
Training in narrow topics of media practices.
Repeatable: Repeatable for up to 3.00 total credit hours.
Requisites: Restricted to College of Media, Communication and Information (CMCI) or Arts and Sciences (ARSC) majors only.

CMDP 2600 (3) Creative Media Making
Focus on developing an understanding of the principles, forms and aesthetics of media production. Working in design groups on small-scale media preproduction and production exercises, screenings and critiques, students learn creative solutions to problems in realizing expressive media projects.
Requisites: Requires prerequisite courses of CMDP 1400 and CMDP 2500 (all minimum grade B-).
Grading Basis: Letter Grade

CMDP 2710 (3) Media Production Methods and Ideas
Explores creative approaches to idea formation, conceptualization, and organization for the moving image employing critical thinking, improvisation and visual storytelling techniques. Includes forms of creative writing, storytelling and preproduction techniques and strategies.
Requisites: Restricted to College of Media, Communication and Information (CMCI) or Arts and Sciences (ARSC) majors only.

CMDP 2720 (3) Animation
Explore computer animation in the making of short projects that may address topics such as: nonfiction, immersive environments and digital compositing. Designed to develop the student’s understanding of movement, timing, scripting, editing and color composition. Through screenings and discussions students will gain an appreciation of history and practices of animation.
Requisites: Requires a prerequisite course of CMDP 2500 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 2810 (3) Documentary Media Poetics
Investigates documentary cinema and media practices through class discussions, research papers, hands on exercises and screenings. Cross-references documentary photography and moving-image documentary in the production of short digital projects. Explores the distinctive contributions of digital technologies to documentary image making.
Requisites: Requires prerequisite course of CMDP 2500 (minimum grade C-).

CMDP 2820 (3) Exploring Culture and Gender Through Film
Explores the concepts of culture and gender from an anthropological perspective through media. By experiencing texts, images and sounds about other ways of life, students will learn the basic concepts of cultural anthropology and learn to think critically about documentary and ethnographic media material.
Grading Basis: Letter Grade

CMDP 2860 (2) Performance Audio Recording
Provides an overview of the recording process from the performer’s perspective from soundcheck through final mastering, addressing contemporary issues in technology, web, and performance media. Uses recorded material from in-class sessions. Department consent required.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 2081
Requisites: Restricted to College of Music (MUSCU) or Department of Critical Media Practices (DCMP) undergraduate students only.

CMDP 2870 (2) Recording Design
Provides hands-on instruction in various sound recording techniques. Addresses acoustics, sound reinforcement, studio maintenance and troubleshooting. Taught through labs and individual recording projects. Department consent required.
Equivalent - Duplicate Degree Credit Not Granted: MUSC 2091
Requisites: Requires prerequisite course of CMDP 2860 or MUSC 2081 (minimum grade D-). Restricted to College of Music (MUSCU) or Department of Critical Media Practices (DCMP) undergraduate students only.

CMDP 3110 (3) Electronic Arts Survey
Explores the development of electronic media art through screenings, readings, lectures and discussions.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 3210 (3) Interactive Digital Cultures
Examines how the uses of interactive media have changed the classical dynamics of human communication, allowing multidirectional, non-linear and multimedia practices. In this course, students will study the various aesthetic, narrative, emotional and cultural elements of the interface in areas such as non-linear video, the web, games and hypermedia.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 3310 (3) Performance Media Cultures
Reflect on the cultural construction of old and new performance media through the lens of emerging practices and contemporary discourse. From ancient theatre to cinema, interactive television to YouTube, and multi-media dance performances to computer games, this course explores how media shape, and are shaped by, various historical and contemporary audiences and contexts.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 3350 (3) Modes of Documentary Media History
Examines how the uses of interactive media have changed the classical dynamics of human communication, allowing multidirectional, non-linear and multimedia practices. In this course, students will study the various aesthetic, narrative, emotional and cultural elements of the interface in areas such as non-linear video, the web, games and hypermedia.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 3450 (3) Critical Perspectives in Media Practices
Examines the contemporary landscape of media practices across platforms, such as film, social media, painting, video, and web art. This integrative exploration focuses on production contexts, circulation and reception through the lens of critical and interpretive frameworks. Drawing from key texts by major scholars and the works of media practitioners, students develop globally informed, critical perspectives for understanding.
Requisites: Requires a prerequisite course of CMDP 1400 (minimum grade C).
CMDP 3500 (3) Digital Photographic Practices
Explores the creative possibilities of photography; students work on projects that combine concepts and techniques with contemporary practice and current modalities of exhibition and social distribution. Emphasis is placed on the student's personal growth through aesthetic and intellectual development in relation to current technologies.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3510 (1-3) Critical Media Practices Workshop II
Training in narrow topics of media practices. Open to CMCI students and by permission of the instructor.
Repeatable: Repeatable for up to 3.00 total credit hours.
Requisites: Requires a prerequisite course of CMDP 2600 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3610 (3) Contemporary Image Making Practices
Provides students the technical skills for in depth exploration of the evolving principles and strategies of digital image making. Students will create small-scale projects with the primary emphasis on cinematographic experimentation and innovative visual techniques.
Requisites: Requires prerequisite course of CMDP 3500 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3620 (3) Images and Stories
Learn and apply innovative non-traditional approaches to scripting and storytelling, including automatic thinking, idea sketches, visual notes, outlines and storyboards, serials, aleatoric methods, diagrams, locations, photographs and short stories. Focuses on methods of exploring scripting methods outside of the fixed and rule-bound traditional model of storytelling as a means of introducing students to discover their own scripting techniques.
Requisites: Requires a prerequisite course of CMDP 2600 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3710 (3) Digital Design
Introduces techniques, software and related concepts of digital design and image making through individual and group projects. Emphasizes digital animation, digital audio, digital video and website design and development as a means to formal and expressive ends. Introduces students to critical readings and theories related to digital media practice.
Requisites: Requires prerequisite course of CMDP 2010 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3720 (3) Multimedia Composition
Combine writing with media such as video, music, animation and podcasting on the computer. Includes a unit on web-site design and ends with each student creating their own website and posting on it the project they created for the course.

CMDP 3810 (3) Engaged Documentary Media Practices
Combining research, scripting methods and field trips, students produce short media non-fiction storytelling projects emerging from an engagement with historical events, contemporary issues and the world around us.
Requisites: Requires prerequisite courses of CMDP 2600 and CMDP 2810 (all minimum grade C-).
Grading Basis: Letter Grade

CMDP 3820 (3) Performance Media Practices
Develop a performance vocabulary within the context of various media platforms. Through creating individual and collaborative performance projects, students will explore performance design issues such as movement, blocking and staging with projection, sensors, sound and other media tools.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3830 (3) Advanced Performance Media Workshop
Study practical, technical and theoretical strategies of performing with and through media. This is an in-depth course that investigates a narrow scope drawn from topics that may include dance/movement, the illustrated lecture, projection environments, digital sensing, responsive lighting or acoustic strategies for performance.
Requisites: Requires prerequisite course of CMDP 3820 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3840 (3) Sound Practices
Surveys the various tools and techniques in the field of music technology. Topics include an introduction to basic synthesis, digital signal processing, MIDI and audio sequencing, music notation and a historical perspective on electronic music. Department consent required.
Requisites: Requires prerequisite course of CMDP 2500 or CMDP 2860 or MUSC 2081 (minimum grade C-). Restricted to College of Music (MUSCU) or Department of Critical Media Practices (DCMP) undergraduate students only.

CMDP 3860 (3) Introduction to Music Technology
Studies practical, technical and theoretical strategies of performing with and through media. This is an in-depth course that investigates a narrow scope drawn from topics that may include dance/movement, the illustrated lecture, projection environments, digital sensing, responsive lighting or acoustic strategies for performance.
Requisites: Requires prerequisite course of CMDP 2500 or CMDP 2860 or MUSC 2081 (minimum grade C-). Restricted to College of Music (MUSCU) or Department of Critical Media Practices (DCMP) undergraduate students only.

CMDP 3910 (3) Media Production Topics
Rotating topics in media production techniques.
Repeatable: Repeatable for up to 6.00 total credit hours.
Requisites: Requires a prerequisite course of CMDP 2500 (minimum grade C-).
Grading Basis: Letter Grade

CMDP 3990 (3) Media Professional Seminar
Learn aspects of professional development in media production. Through workshops, class trips and assignments students will learn of the many opportunities found within media production.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C-).
Grading Basis: Letter Grade
CMDP 4110 (3) Cultures of Digital Sound
Introduces students to a variety of critical scholarship and debates about our sonic environment through an examination of how sound interfaces with different facets of media production. Consisting of listening, analyzing and differentiating sound in different contexts, students will deepen their understanding of the relationship between sight and sound in cultural production.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4220 (3) Digital Archives in Media Practices
Examine the theories and methods underpinning the use of archival materials in non-fiction media production while simultaneously exploring questions of ethics, truth and representation that the use and manipulation of archives raises. Through weekly lectures, seminars, readings and screenings, students will discover the theories and interpretive approaches to understanding the archive and its uses.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4310 (3) Screen Culture and Globalization
Examine the formation of screen cultures (narrative, experimental, documentaries and multi-media video art) in the context of the cultural globalization of the moving image. Through lectures, seminars and research projects students explore the formation and evolution of screen cultures on various platforms such as digital cinema, web environments, video art, multi-channel installations and the moving image on mobile interfaces.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4320 (3) Media Engagement in Digital Diasporas
Offers students critical and interpretive frameworks for understanding the cultural and historical significance of digital diasporas and these communities’ use of digital technologies for communication, community building and the creation of digital documents about migration and connectivity with the homeland.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4410 (3) Topics in Contemporary Media Technologies
Focus on the development and application of media technologies in moving image aesthetics and emergent media practices. Topics rotate according to faculty expertise, but may include new imaging technologies for small screen and mobile devices, web-specific media or emerging modes of production. Through lectures, screenings and seminars, students explore the work of contemporary thinkers and practitioners in the field.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4450 (3) Topics in Contemporary Media Technologies
Focus on the development and application of media technologies in moving image aesthetics and emergent media practices. Topics rotate according to faculty expertise, but may include new imaging technologies for small screen and mobile devices, web-specific media or emerging modes of production. Through lectures, screenings and seminars, students explore the work of contemporary thinkers and practitioners in the field.
Requisites: Requires prerequisite course of CMDP 2400 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4610 (3) Small Screen Storytelling
Shoot footage on or for mobile screens including narratives, microdocumentaries, music videos, short stories and collaborative exquisite corpse projects. Students will complete work and distribute through various outlets on the internet.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4620 (3) Media Environments
Explore the design and implementation of multimedia environments. Students will develop strategies for creating media exhibitions and/or performance environments with projection and sounds activated by sensors. This course is ideal for performers, dancers and media artists as well as those desiring to present information in novel ways, such as working with archival or non-fiction materials.
Requisites: Requires prerequisite course of CMDP 3830 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4630 (3) Introduction to Computational Media
Develop the technical and conceptual skills for computational media practices. Through individual and collaborative projects, students will explore the creative use of electronics and microcontrollers (including wearable and other embedded systems) through relevant programming environments. Introduces visual programming with a focus on signal processing for image and sound.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4640 (3) Multimedia Sound
Learn what sound is and where it comes from; how to create, analyze, alter, mix, and record it digitally in the studio and in the field; and how it can interact creatively with other media. In addition to analyzing how professionals use sound, students will create five sound-based projects of their own.

CMDP 4710 (3) Projection Practices
Design and implement projection-based media projects and explore projection practice as a distinct field. Through individual and collaborative projects, this course explores projection for live events, installation, moving images and site-specific or community-based projects. Students will be introduced to emergent software and hardware for projection design.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C).
Grading Basis: Letter Grade
CMDP 4720 (3) Installation and Performance Media
Focusing on live image and sound processing in constructed or natural environments, students will work individually or collaboratively on an installation project that engages with the intersection of performance and media. Potential models include site specific work, illustrated lecture, gallery installation, movement and dance with projection mapping, participatory media and virtual environments.
Requisites: Requires prerequisite course of CMDP 4620 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4730 (3) Digital Art and Emergent Technologies
Explores digital artistic practices across contexts and disciplines in various contexts. Emphasizes web and networked media as it applies to digital practices in sound, image, language, spatial and time-based arts.
Requisites: Requires prerequisite course of CMDP 2600 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4740 (3) Advanced Documentary Practices
Combine research and production to produce short documentary media projects, which explore the world we live in. Focusing on practice, this course explores stylistic options employed on documentaries that give voice to different perspectives on the world. Students will be able to identify the tactics and strategies of documentaries in a variety of media, and will include visits with professional documentary makers. Students will complete a final documentary project.
Requisites: Requires prerequisite course of CMDP 3810 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4750 (3) Sound and Technology Topics
Exploration of issues, techniques and tools of music and sound technology. Topics vary and may include: interactive systems for performance; music and mobile media; electronic music instrument design; digital synthesis and signal processing; music in multimedia; sound practices and analysis. Lecture during work sessions will support student projects.
Requisites: Requires prerequisite course of CMDP 3860 or MUEL 4081 (minimum grade C).
Grading Basis: Letter Grade

CMDP 4760 (2) Computer Composition
Learn strategies and techniques for generating and manipulating sound with computer-specific tools. Students’ projects will include compositions, soundscapes, ambient environments and soundtracks for multimedia and performance projects.
Equivalent - Duplicate Degree Credit Not Granted: MUEL 4111
Requisites: Requires prerequisite course of CMDP 3860 or MUEL 4081 (minimum grade D-).
Grading Basis: Letter Grade