Introduction to web design: HTML5, CSS3, CSS Grid Architectures, and Responsive Design for designing a portfolio and expressing an online voice. Not open for credit to students who have completed MMART 164. 0614.30

MM/MW 1LA, Introduction to Web Design Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MM/MW 1A

Acceptable for credit: UC/CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MM/MW 1A. Not open for credit to students who have completed MMART 164LA. 0614.30

MM/MW 2, Fundamentals of Graphic Visualization

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MM/MW 2L

Acceptable for credit: CSU

AA/AS area 4c

Graphic visualization: Professional design theory; tools and techniques to design compelling visual content, make decisions with data, apply industry tools, and articulate meaning with design. Not open for credit to students who have completed MMART 165. 0614.30

MM/MW 2L, Fundamentals of Graphic Visualization Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MM/MW 2

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MM/MW 2. Not open for credit to students who have completed MMART 165L. 0614.30

MM/MW 4A, Social Media Marketing and Data Analytics Lab

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MM/MW 4LA

Acceptable for credit: CSU

AA/AS area 4c

Social media marketing: Apply dynamics of online content delivery to motivate and analyze consumer interest, develop a digital marketing ecosystem and integrate content creation tools, brand strategies, consumer interactions, and media analytics. Not open for credit to students who have completed MMART 169. 0614.30

MM/MW 4LA, Social Media Marketing and Data Analytics Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MM/MW 4A

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MM/MW 4A. Not open for credit to students who have completed MMART 169L. 0614.30

MMART 114, Data Design for Digital Media

2 Units

1.5 hours lecture, 1.5 hours (GR)

Co-requisite: MMART 114L

Acceptable for credit: CSU

AA/AS area 4c

Data graphics basics: Overview of statistics, choices for charting data, digital input techniques and display methods for illustrating complex information; survey design, user experience, and the use of color, typography and narrative in creating compelling data visualizations. 0614.00

MMART 114L, Data Design for Digital Media Lab

1 Unit

4 hours lab (GR).

Co-requisite: MMART 114

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 114. 0614.00

MMART 162, Contemporary Scripting for Games, Mobile and Web

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 162L

Recommended Preparation: MMART 168

Acceptable for credit: CSU

AA/AS area 4c

Introduction to scripting and programming for visual artists: Fundamental scripting techniques for web, mobile, video games, virtual reality, and other visual media; designing, implementing, and testing foundational application programs. 0614.30

MMART 162L, Contemporary Scripting for Games, Mobile and Web Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 162

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 162. 0614.30

MMART 166, User Experience and Interface Design

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 166L

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Introduction to information architecture and interface design: Graphic and information design principles used to organize, navigate, and develop successful interfaces for new media projects. Not open for credit to students who have completed or are currently enrolled in ART 162 and/or MMART 162. 0614.30

MMART 166L, User Experience and Interface Design Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 166

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 166. Not open for credit to students who have completed or are currently enrolled in MMART 161A. 0614.30

MMART 167, Mobile and Cross-Platform Web Design

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 167L

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Cross-Platform design techniques for Mobile and Web Design: Mobile development, tablet development, web development, responsive design, and dynamic graphical elements. 0614.30

MMART 167L, Mobile and Cross-Platform Web Design Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 167

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 167. 0614.30

MMART 168, Online Games & Interactivity

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 168L

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Principles of interactive design and virtual environments: User experience, game design, dynamic graphics, and integration of interactive content for online environments. 0614.30

MMART 168L, Online Games & Interactivity Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 168

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 168. 0614.30

MMART 170, Virtual Reality and Digital Spaces

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 170L

Recommended Preparation: MMART 164 or 165

Acceptable for credit: CSU

AA/AS area 4c

Interactive and game based architectures: virtual reality environments, visible and invisible data, interactive design environments, and visual mapping. 0614.30

MMART 170L, Virtual Reality and Digital Spaces Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 170

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 170. 0614.30

MMART 171, Web Commerce and Internet Start Up

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MMART 171L; Not open for credit to students who have completed are currently enrolled in MMART 160C.

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Introduction to the principles of E-commerce: Building an online business, analysis and application of media content, operating shopping carts, and execution of online strategy. 0614.30

MMART 171L, Web Commerce and Internet Start Up Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MMART 171; Not open for credit to students who have completed are currently enrolled in MMART 160LC.

Recommended Preparation: MMART 164

Acceptable for credit: CSU

AA/AS area 4c

Practical training for development of multimedia skills presented in MMART 171. 0614.30

MULTIMEDIA ARTS
Video Arts

Film, Television, And Electronic Media

Associate in Science Degree for Transfer

The Multimedia Arts AS-T Degree in Film, Television, and Electronic Media offers a foundation in film theory, sound, and production. The program is interdisciplinary and focuses on developing critical thinking, artistic and technical skills for careers in film and media industries. Students who successfully complete the AS-T in Film, Television, and Electronic Media earn specific guarantees for transfer to the CSU system: admission to a CSU with junior status, and priority admission to their local CSU campus and to a program or major in multimedia art or a similar major. Students transferring to a CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. Students are required to complete 60 semester units that are eligible for transfer to a California State University, including both of the following: (1) The Inter-segmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements and (2) 18 semester units with a grade of C or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. Students are advised to consult with a Berkeley City College counselor for additional information and to verify transfer requirements.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work in video production, editing, motion graphics, audio recording and sound design, cinematography, documentary production, narrative filmmaking and film criticism.

Required Courses

MMART 110	Scriptwriting and Storyboarding	3
MMART 122B	From Movies to Multimedia	3
MM/VI 9A	Video Production I: Introduction to Video	4
MM/VI 9C	Video Production III: Directing and Producing	3
MM/VI 24A+24LA	Sound Design I+Lab	3

Video Arts Electives. Choose 3 units from the following:

HUMAN 21	Film: Art and Communication	3
MMART 5A	Introduction to Motion Graphics	3
MMART 468	Occupational Work Experience in Multimedia Arts	3
MM/VI 20A and	Editing I: Introduction to Video Editing	2
MM/VI 20LA	Editing I: Introduction to Video Editing Lab	1
MM/VI 20B and	Editing II: Technical Skills	2
MM/VI 20LB	Editing II: Technical Skills Lab	1
MM/VI 20C and	Editing III: Crafting a Story	2
MM/VI 020LC	Editing III: Crafting a Story Lab	1
Major Requirements		**19**
General Education (IGETC or CSU GE) and Electives		**41**
Total Units:		**60**

Recommended Two-Year Course Sequence Beginning in Fall Semester

Students can use the following pattern to complete an Associate in Science in Film, Television, and Electronic Media Degree for Transfer. This is only one possible pattern. If they wish to earn an associate degree, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a Counselor. This plan will map their sequence of courses to help them complete their degree regardless of the semester they begin their classes.

Course		*Units*
1st Semester/Fall		
MMART 110	Scriptwriting and Storyboarding	3
	Video Arts Elective	6
	General Education/Elective	6
2nd Semester/Spring		
MMART 122B	From Movies to Multimedia	3
MM/VI 9A	Video Production I: Introduction to Video	4
MM/VI 24A+24 LA	Sound Design I and Lab	3
	General Education/Elective	6
3rd Semester/Spring		
MM/VI 9C	Video Production III: Directing and Producing	3
	Video Arts Elective	6
	General Education/Elective	6
4th Semester/Spring		
	Video Arts Electives	3
	General Education /Elective	6

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate entry-level skills in film, television, and electronic media via completed projects.
- Evaluate design principles, aesthetic forms, historical context and social relevance of multimedia works.
- Delegate responsibilities according to various crew roles and applying collaborative communication skills in a professional setting.

Introduction to Social Media

Certificate of Achievement

Berkeley City College's Introduction to Social Media Certificate of Achievement prepares students for entry-level jobs with social media titles that require skills in copywriting, marketing, producing, and also provides upgraded skills for those already employed in multimedia or film-related jobs. The program focuses on developing artistic, critical thinking, basic marketing knowledge, equipment, and computer skills.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work in entry level social media positions such as Social Media Project Coordinators, Online Community Manger, or Social Media Assistant.

Required Courses		Units
BUS 70	Introduction to Marketing	3
MM/MW 4A + 4LA	Social Media Marketing and Data Analytics + Lab	3
MM/VI 16	Social Media Storytelling	3
MM/VI 20A + 20LA	Editing I: Introduction to Video Editing + Lab	3
	Total Units:	**12**

Recommended One-Year Course Sequence Beginning in the Fall semester

Students can use the following pattern to complete a Certificate of Achievement in Introduction to Social Media. This is only one possible pattern. If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

Course		Units
1st Semester/Fall		
BUS 70	Introduction to Marketing	3
MM/MW 4A+ 4LA	Social Media Marketing and Data Analytics + Lab	3
2nd Semester/Spring		
MM/VI 16	Social Media Storytelling	3
MM/VI 20A+ 20LA	Editing I: Introduction to Video Editing + Lab	3

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate an appropriate knowledge of digital multimedia equipment and software programs to create and edit multimedia works for social media applications.
2. Work in environments modeled after real-world workplaces by building teams and

leading them and/or taking direction from a project leader.

Social Media Storytelling

Certificate of Achievement

Berkeley City College's Social Media Storytelling Certificate of Achievement prepares students for entry-level jobs with social media titles that require skills in video production, sound or video editing, and photography and copywriting, and also provides upgraded skills for those already employed in multimedia or film related jobs. The program focuses on developing artistic, critical thinking, basic marketing knowledge, equipment and computer skills.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work in entry level social media positions such as copywriters, content managers, content creators or producers, event or project coordinators, editors.

Required Courses:		Units
BUS 70	Introduction to Marketing	3
MM/VI 20A + 20LA	Editing I: Introduction to Video Editing + Lab	3
MM/VI 16	Social Media Storytelling	3
MM/VI 17 or	Social Media Production	3
MM/MW 4A +4LA	Social Media Marketing and Data Analytics + Lab	3
MM/VI 9A	Video Production I: Introduction to Video	4

Choose 3 units the following:		Units
ENGL 14	Non-Fiction Writing	3
MMART 5A	Introduction to Motion Graphics	3
MMART 110	Scriptwriting and Storyboarding	3
MMART 468	Occupational Work Experience in Multimedia Arts	3
MM/DI 4 + 4L	Introduction to Photoshop + Lab	3
MM/VI 9B	Video Production II: Cinematography and Visual Storytelling	3
MM/VI 9C	Video Production III: Directing and Producing	3
MM/VI 15	Documentary Production and Editing	3
MM/VI 24A + 24LA	Sound Design I + Lab	3
MM/VI 25	Sound Recording and Audio Production	1.5
MM/VI 41	Introduction to Cinematography	1.5
MM/VI 42	Introduction to Motion Picture Lighting	1.5
	Total	**19**

If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

Course		Units
1st Semester/Fall		
BUS 70	Introduction to Marketing	3
MM/VI 9A	Video Production I: Introduction to Video	4
MM/VI 16	Social Media Storytelling	3
MM/VI 20A+20LA	Editing I: Introduction to Video Editing & Lab	3
	Total	**13**
2nd Semester/Spring		
MM/VI 17 or	Social Media Production	3
MM/MW 4A+4LA	Social Media Marketing and Data Analytics and Lab	3
Elective Course		3
	Total	**6**

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate an appropriate knowledge using digital multimedia equipment and software programs to create and edit multimedia works for social media applications.
2. Evaluate artwork with discernment, appropriate terminology, and aesthetic awareness for social media or marketing applications; create projects intended for a professional portfolio.
3. Work in environments modeled after a real-world workplaces by building teams and leading them and/or taking direction from a project leader.

Video Arts

Associate in Arts Degree

Berkeley City College's A.A. Degree in Multimedia Arts—Video Arts prepares students for entry-level jobs in video production and editing fields, and provides upgraded skills for those already employed in multimedia or film related jobs. The program focuses on developing artistic, critical thinking, equipment and computer skills.

Career Opportunities

The A.A. in Video Arts is designed to prepare students to transfer to education programs at four-year institutions. Additionally, completion of this A.A. will provide students with the coursework they need to work as video producers, video editors, motion graphics designers, on-location or studio recordists, cinematographers, camera operators, gaffers, grips, documentaries and nonfiction producers, video directors, social media content producers, social media producers or project managers.

Required Core Courses :		Units
MMART 3	Introduction to Digital Art	3
MM/AN 40A	Introduction to Game Design	3
MM/MW 1A+1LA	Introduction to Web Design+Lab	3
MM/VI 9A	Video Production I: Introduction to Video	4

Core Electives. Choose 6 units from the following:		
MMART 1	Design Thinking	3
MMART 110 or	Scriptwriting and Storyboarding	3
MM/VI 1A	Introduction to Narrative Scriptwriting	3
MMART 197	Multimedia Career Preparation	3
MMART 468	Occupational Work Experience in Multimedia Arts	1
MM/DI 3+3L	Contemporary Color+Lab	3
MM/DI 4+4L	Introduction to Photoshop+Lab	3
MM/MW 2+2L	Fundamentals of Graphic Visualization+Lab	3
MM/MW 4A+4LA	Social Media Marketing and Data Analytics+Lab	3
MM/VI 5	The Art of Producing	3

Required Video Courses:		Units
MMART 110	Scriptwriting and Storyboarding	3
MMART 197	Multimedia Career Preparation	3
MMART 468	Occupational Work Experience in Multimedia Arts	1
MM/VI 20A+20LA	Editing I: Introduction to Video Editing+Lab	3
MM/VI 24A+24LA	Sound Design I+Lab	3

Video Electives. Choose 9 units from below:		Units
MMART 122B	From Movies to Multimedia	3
MM/VI 9B	Video Production II: Cinematography and Visual Storytelling	3
MM/VI 9C	Video Production III: Directing and Producing	3
MM/VI 15	Documentary Production and Editing	3
MM/VI 20B+20LB	Editing II: Technical Skills+Lab	3
MM/VI 20C+20LC	Editing III: Crafting a Story+Lab	3
MM/VI 24B+24LB	Sound Design II+Lab	3
	Major Requirements	41
	General Education and Electives	19
	Total:	**60**

Recommended Two-Year Course Sequence Beginning in Fall Semester

Students can use the following pattern to complete an Associate in Arts degree in Multimedia Arts—Video Arts. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a Counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

Course		Units
1st semester/Fall		
MMART 3	Introduction to Digital Art	3
MMART 110	Scriptwriting and Storyboarding	3
MM/VI 9A	Video Production I: Introduction to Video	4
	General Education/Elective	6
2nd Semester/Spring		
MM/AN 40A	Introduction to Game Design	3
MM/VI 20A+LA	Editing I: Introduction to Video Editing	3
MM/VI 24A and 24LA	Sound Design I+Lab	3
	Core Elective	3
	General Education/Elective	3
3rd Semester/Spring		
MM/MW 1A+1LA	Introduction to Web Design+Lab	3
	Video Elective	6
	Core Elective	3
	General Education/Elective	3
4th Semester/Spring		
MMART 197	Multimedia Career Preparation	3
MMART 468	Occupational Work Experience in Multimedia	1
	Video Elective	3
	General Education/ Elective	7

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate entry-level skills in video arts via completed portfolio projects.
- Describe, plan and evaluate design principles, aesthetic forms, historical context and social relevance of multimedia works.
- Collaborate effectively within a diverse team environment

Video Arts Level I

Certificate of Achievement

The Multimedia Arts Certificate of Achievement in Video Arts at Level I provides technical training in professional video production and use of equipment, as well as post-production practices and software, with an emphasis on establishing effective communication skills in a highly collaborative industry.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work as assistant editors or editors, sound designers, screenwriters, story boarders, film festival assistants, on-location sound recordists, and camera team positions such as 1st or 2nd assistant camera.

Required Courses:		Units
MMART 110	Scriptwriting and Storyboarding	3
MMART 197	Multimedia Career Preparation	3
MM/VI 5	The Art of Producing	3
MM/VI 9A	Video Production I: Introduction to Video	4
MM/VI 20A+20LA	Editing I: Introduction to Video Editing+Lab	3
MM/VI 24A+24LA	Sound Design I+Lab	3

Choose 3 units the following:		Units
MMART 122B	From Movies to Multimedia	3
MMART 468	Occupational Work Experience in Multimedia Arts	3

MM/VI 25	Sound Recording and Audio Production	1.5
MM/VI 41	Introduction to Cinematography	1.5
MM/VI 42	Introduction to Motion Picture Lighting	1.5
	Total:	**22**

Recommended one-year Course Sequence Beginning in Fall semester

If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

Course		Units
1st Semester/Fall		
MMART 110	Scriptwriting & Storyboarding	3
MM/VI 9A	Video Production I: Introduction to Video	4
MM/VI 20A+20LA	Editing I: Introduction to Video Editing+Lab	3
2nd Semester/Spring		
MM/ART 197	Multimedia Career Preparation	3
MM/VI 20A+20LA	Editing I: Introduction to Video Editing+Lab	3
MM/VI 24A/LA	Sound Design I & Lab	3
	Elective	3

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate technical knowledge by completing video and audio content assignments.
- Analyze the various components of video and audio to better understand its psychological and emotional impact.
- Display appropriate professional and collegiate behavior within a team.

Video Arts Level II: Directing & Producing

Certificate of Achievement

The Multimedia Arts Certificate of Achievement in Video Arts Level II: Directing and Producing provides a foundation of analytical and professional techniques for fundraising and project proposals, communication with collaborators, as well as project coordinating, scheduling and budgeting towards assistant directing and producing duties.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work assistant directors, production coordinators, unit production managers, line producers, directors and video producers.

Choose 9–10 units from below: *Units*

MMART 197	Multimedia Career Preparation	3
or		
MMART 468	Occupational Work Experience in Multimedia Arts	3–4
MM/VI 5	The Art of Producing	3
MM/VI 9C	Video Production III: Directing and Producing	3

Choose 9 units from one of the emphases below:

Directing Emphasis

MMART 122B	From Movies to Multimedia	3
MMART 123	The Art of Documentary Film	3
MM/VI 1A	Introduction to Narrative Scriptwriting	3
MM/VI 1B	Intermediate Narrative Scriptwriting	3
MM/VI 9B	Video Production II: Cinematography and Visual Storytelling	3

Producing Emphasis   *Units*

MM/VI 9B	Video Production II: Cinematography and Visual Storytelling	3
MM/VI 9D	Video Production IV: Advanced Team Projects	3
MM/VI 15	Documentary Production and Editing	3
MM/VI 17	Social Media Production	3
	Total:	**18–19**

If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

Recommended One-Year Course Sequence Beginning in Fall Semester

Course		Units
1st Semester/Fall		
MM/VI 9C	Video Production III: Directing & Producing	3
MM/VI 5	The Art of Producing	3
	Writing or Producing Elective	3
2nd Semester/Spring		
MMART 197	Multimedia Career Preparation	3
or		
MMART 468	Occupational Work Experience in Multimedia	3–4
and		
	Directing Emphasis Electives	6
or		

	Producing Emphasis Electives	6

Program Learning Outcomes

Upon successful completion of this program, students will be able to:
- Demonstrate entry level skills in directing and producing in motion picture and/or related media projects.
- Apply collaborative communication skills in a professional manner, in a leadership or supportive role as applicable.

Video Arts Level II: Editing & Post Production

Certificate of Achievement

The Video Arts Level II: Editing and Post Production Certificate of Achievement provides theory and practice of industry standards for film aesthetics and time-based media design; video and audio acquisition, effects, deliverables output, and project and media management.

Career Opportunities

Completion of this certificate will provide students with the coursework they need to work as sound designers and video editors, color graders, assistant editors, and motion graphic artists for a variety of client types.

Select 6–7 units from the following: *Units*

MMART 197	Multimedia Career Preparation	3
or		
MMART 468	Occupational Work Experience in Multimedia Arts	3–4
MM/VI 20B+20LB	Editing II: Technical Skills+Lab	3

Select 12 units from the following: *Units*

MMART 5A	Introduction to Motion Graphics	3
MMART 122B	From Movies to Multimedia	3
MM/DI 15A	Introduction to 3D Motion Graphics	3
MM/VI 15	Documentary Production and Editing	3
MM/VI 20C+20LC	Editing III: Crafting a Story+Lab	3
MM/VI 20D+20LD	Editing IV: Editing for Distribution+Lab	3
MM/VI 24B+24LB	Sound Design II+Lab	3
	Total:	**18–19**

Recommended One-Year Course Sequence Beginning in Fall Semester

If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your certificate regardless of the semester you begin classes.

Course		Units
1st Semester/Fall		
MM/VI 20B+20LB	Editing II: Technical Skills+Lab	3
	Electives	6
	Total	**9**
2nd Semester/Spring		
MMART 197	Multimedia Career Preparation	3
or		
MMART 468	Occupational Work Experience in Multimedia Arts	1–4
	Electives	6
	Total	**10–13**

Program Learning Outcomes

Upon successful completion of this program, students will be able to:
- Demonstrate command of major video post production programs and related equipment at an intermediate to advanced skill level.
- Create student projects and evaluate with discernment, appropriate terminology, and aesthetic awareness resulting in professional level projects.
- Applying collaborative communication skills in a professional manner, under the lead of a director or producer if applicable.

MM/VI 1A, Introduction to Narrative Scriptwriting

3 Units

3 hours lecture (GR or P/NP)

Recommended Preparation: MMART 110

Acceptable for credit: CSU

AA/AS area 4c

Theory and practice of narrative scriptwriting with a dual focus on film and episodic scripts: Narrative structures in film and television; industry-accepted formatting; story development; cinematic language. Not open for credit to students who have completed MMART 111A.   0612.20

MM/VI 1B, Intermediate Narrative Scriptwriting

3 Units

3 hours lecture (GR or P/NP)

Prerequisite: MMART 110 or MM/VI 1A

Acceptable for credit: CSU

AA/AS area 4c

Advanced workshop in revising and completing a professional-level narrative script: Critique and revisions of student scripts, professional screenplay and film analysis, pitch and strategy sessions; dissection of complex narrative elements, such as voice, character, and pacing. Not open for credit to students who have completed MMART 111B.   0612.20

MM/VI 5, The Art of Producing

3 Units

3 hours lecture (GR or P/NP)

Acceptable for credit: CSU

AA/AS area 4c, 4d

Development of materials to pitch a multimedia project: Effective writing structure and style; portfolios, prospectus packets, grant writing, pitches, treatments, budgets, and development of industry contacts. Not open for credit to students who have completed MMART 109.   0612.20

MM/VI 9A, Video Production I: Introduction to Video

4 Units

3 hours lecture, 4 hours lab (GR or P/NP)

Recommended Preparation: MMART 110

Acceptable for credit: UC/CSU

AA/AS area 4c

Theory and practice of shooting video in studio and field environments: Terminology, set-etiquette, composition and editing techniques, camera operation, portable lighting, and audio recording; aesthetics and fundamentals of producing a video project from a script, post-production specifications, and exhibition/distribution. Not open for credit to students who have completed MMART 141A.   0612.20

MM/VI 9B, Video Production II: Cinematography and Visual Storytelling

3 Units

2 hours lecture, 3 hours lab (GR or P/NP)

Prerequisite: MMART 141A or MM/VI 9A

Recommended Preparation: MMART 110

Acceptable for credit: CSU

AA/AS area 4c

Directing and producing a video project from script to screen: Script analysis from pragmatic to aesthetic perspectives, cinematography, lighting and art direction techniques. Not open for credit to students who have completed MMART 141B or 151B. 0612.20

MM/VI 9C, Video Production III: Directing and Producing

3 Units

2 hours lecture, 3 hours lab (GR or P/NP)

Prerequisite: MMART 141A or MM/VI 9A

Recommended Preparation: MMART 110

Acceptable for credit: CSU

AA/AS area 4c

Video production: Development of advanced skills in producing, coordinating and directing. Not open for credit to students who have completed MMART 141C.   0612.20

MM/VI 9D, Video Production IV: Advanced Team Projects

3 Units

2 hours lecture, 4 hours lab (GR or P/NP)

Prerequisite:

MMART 141A or MM/VI 9A

MMART 150A or MMART 150A

MMART 141B or MM/VI 9B

Prerequisite or Co-requisite:

MM/VI 9B

Recommended Preparation:

MMART 109 or MM/VI 5

MMART 141C or MM/VI 9C

MMART 110

MMART 138 or MM/VI 25

MMART 148A or MM/VI 24A

MMART 157 or MM/VI 42

Acceptable for credit: CSU

AA/AS area 4c

Creation of completed film: Motion picture projects from pitch to exhibition through collaborative teamwork. Not open for credit to students who have completed MMART 142.   0612.20

MM/VI 15, Documentary Production and Editing

3 Units

2.5 hours lecture, 1.5 hours lab (GR or P/NP)

Prerequisite: MM/VI 020A

Recommended Preparation: MM/VI 009A.

Acceptable for credit: CSU

AA/AS area 4c

Theory and practice of documentary video production: Creating a non-fiction treatment and script, filming interviews and b-roll, editing a short non-fiction video program. Not open for credit to students who have completed MMART 156.   0612.20

MM/VI 16, Social Media Storytelling

3 Units

2.5 hours lecture, 1.5 hours lab (GR or P/NP)

Prerequisite:

MM/VI 9A or MM/VI 20A

Acceptable for credit: UC/CSU

AA/AS area 4c, 4d

Social media with emphasis on storytelling: Creation of pod casts, written copy, short videos, and photos appropriate for different social media platforms and campaign types; editing media and publishing online. 0612.20

MM/VI 17, Social Media Production

3 Units

2.5 hours lecture, 1.5 hours lab (GR or P/NP)

Prerequisite:

MM/VI 9A or MMART 141A

MM/VI 20A or MMART 150A

MM/VI 9C or MMART 141C

Recommended Preparation:

MM/DI 4 or MMART 131A

MM/MW 4A or MMART 169

MM/VI 15 or MMART 156

Acceptable for credit: CSU

AA/AS area 4c

Team and project management applied toward marketing a cause or client: Creating social media publicity content and distribution plan.   0612.20

MM/VI 20A, Editing I: Introduction to Video Editing

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MM/VI 20LA

Acceptable for credit: CSU

AA/AS area 4c

Theory and practice of digital video editing: Film aesthetics and editing techniques using a major software program, acquisition of footage, skilled use effects and sound to support storytelling, media management and exporting. Not open for credit to students who have completed MMART 150A. 0612.20

MM/VI 20LA, Editing I: Introduction to Video Editing Lab

1 Unit

4 hours lab (GR or P/NP)

Co-requisite: MM/VI 20A

Acceptable for credit: CSU

AA/AS area 4c

Editing I: Introduction to Video Editing Lab. Not open for credit to students who have completed MMART 150LA.   0612.20

MM/VI 20B, Editing II: Technical Skills

2 Units

1.5 hours lecture, 1.5 hours lab (GR or P/NP)

Co-requisite: MM/VI 20LB

Recommended Preparation: MM/VI 20A.

Acceptable for credit: CSU

AA/AS area 4c

Continuing development of technical video editing skills: Work-flow analysis, roles and responsibilities; intermediate film aesthetics; color correction; title generation; sound normalization and sweetening; organization and preparation of files for finishing, industry copyright standards. Not open for credit to students who have completed MMART 150B.

0612.20

MM/VI 20LB, Editing II: Technical Skills Lab

1 Unit
4 hours lab (GR or P/NP)
Co-requisite: MM/VI 20B
Acceptable for credit: CSU
AA/AS area 4c

Practical training for development of multimedia skills presented in MM/VI 20B. Not open for credit to students who have completed MMART 150LB.   0612.20

MM/VI 20C, Editing III: Crafting a Story

2 Units
1.5 hours lecture, 1.5 hours lab (GR or P/NP)
Co-requisite: MM/VI 20LC
Recommended Preparation: MM/VI 020B
Acceptable for credit: CSU
AA/AS area 4c

Theory and practice of storytelling in a video edit: Development of story arcs, smooth and polished transitions, pacing, sound sweetening, problem solving technical and narrative challenges, practice cutting material to fit a variety of film genres and organization of materials to support editorial goals. Not open for credit to students who have completed MMART 150C.   0612.20

MM/VI 20LC, Editing III: Crafting a Story Lab

1 Unit
4 hours lab (GR or P/NP)
Co-requisite: MM/VI 20C
Acceptable for credit: CSU
AA/AS area 4c

Practical training for development of multimedia skills presented in MM/VI 20C. Not open for credit to students who have completed MMART 150LC.   0612.20

MM/VI 20D, Editing IV: Editing for Distribution

2 Units
1.5 hours lecture, 1.5 hours lab (GR or P/NP)
Corequisite: MM/VI 20LD
Recommended Preparation: MM/VI 20C
Acceptable for credit: CSU
AA/AS area 4c

Finishing techniques and distribution planning for a broadcast-ready video: Refinement of editorial structure, pacing, visual style, sound design; advanced finishing techniques; developing a distribution plan; broadcast and related output considerations; legal and permissions issues and ethics; emerging technologies including new distribution methods and virtual reality projects. Not open for credit to students who have completed MMART 150D.   0612.20

MM/VI 20LD, Editing IV: Editing for Distribution Lab

1 Unit
4 hours lab (GR or P/NP)
Co-requisite: MM/VI 20D
Acceptable for credit: CSU
AA/AS area 4c

Practical training for development of multimedia skills presented MM/VI 20D. Not open for credit to students who have completed MMART 150LD.
          0612.20

MM/VI 24A, Sound Design I

2 Units
1.5 hours lecture, 1.5 hours lab (GR or P/NP)
Co-requisite: MM/VI 24LA
Acceptable for credit: UC/CSU
AA/AS area 4c

Introduction to the theory and practice of recording and editing audio: Fundamentals of sound design and aesthetics, microphone use, and digital recording equipment; hands on experience recording, editing, mixing and mastering audio. Not open for credit to students who have completed MMART 148A.   0612.20

MM/VI 24LA, Sound Design I Lab

1 Unit
4 hours lab (GR or P/NP)
Co-requisite: MM/VI 24A
Acceptable for credit: UC/CSU
AA/AS area 4c

Practical training for development of multimedia skills presented in MM/VI 24A. Not open to students who have previously completed MMART 148LA. Not open for credit for students who have completed 150LA.   0612.20

MM/VI 24B, Sound Design II

2 Units
1.5 hours lecture, 1.5 hours lab (GR or P/NP)
Prerequisite: MMART 148A or MM/VI 24A
Co-requisite: MM/VI 24LB
Acceptable for credit: CSU
AA/AS area 4c

Advanced practice and theory of sound design: Advanced sound editing techniques using industry-standard tools to enhance story and film visuals; research/screenings of influential sound artists; emerging sound technologies. Not open for credit to students who have completed MMART 148B.   0612.20

MM/VI 24LB, Sound Design II Lab

1 Unit
4 hours lab (GR or P/NP)
Co-requisite: MM/VI 24B
Acceptable for credit: CSU
AA/AS area 4c

Practical training for development of multimedia skills presented in MM/VI 24B. Not open to students who have previously completed MMART 148LB.   0612.20

MM/VI 25, Sound Recording and Audio Production

1.5 Units
1.5 hours lecture (GR or P/NP)
Recommended Preparation: MM/VI 9A
Acceptable for credit: CSU
AA/AS area 4c

Location sound recording for multimedia arts: Audio theory and principles; critical listening; analysis of studio and location audio environments; microphone types, selection, placement and use; use of audio mixers and digital recorders; crew organization, function and responsibilities. Not open for credit to students who have completed MMART 138.   0612.20

MM/VI 41, Introduction to Cinematography

1.5 Units
1.5 hours lecture (GR or P/NP)
Recommended Preparation:
MM/VI 9A or MMART 141A
MM/VI 20A or MMART 150A
Acceptable for credit: CSU
AA/AS area 4c

Storytelling through cinematography: Pre-production preparation, on-set protocol, motion picture aesthetics, industry and on-set terminology; shot development, camera movement, lens selection and blocking of subjects; duties and responsibilities of the camera team. Not open for credit to students who have completed MMART 153.   0612.20

MM/VI 42, Introduction to Motion Picture Lighting

1.5 Units
1.5 hours lecture (GR or P/NP)
Prerequisite: MMART 141A or MM/VI 9A
or
Co-requisite: MM/VI 9A
Acceptable for credit: CSU
AA/AS area 4c

Lighting basics for motion picture: Lighting theory, electricity and safety, use of lighting equipment, accessories and tools, on-set protocol, motion picture aesthetics, industry and on-set terminology, duties and responsibilities of the lighting team. Not open for credit to students who have completed MMART 157.   0612.20

MUSIC

MUSIC 10, Music Appreciation

3 Units
3 hrs lecture, (GR or P/NP).
Acceptable for credit: UC/CSU
AA/AS area 3; CSU area C1;
IGETC area 3A; (C-ID MUS 100)

Survey designed to enhance the enjoyment of music with emphasis on listening: Historical overview of the development of musical form through the centuries.   1004.00

MUSIC 15A, Jazz, Blues and Popular Music in the American Culture

3 Units
3 hrs lecture (GR or P/NP).
Acceptable for credit: UC/CSU
AA/AS area 3, 5; CSU area C1;
IGETC area 3A

Historical and critical analysis of unique American music: Focus on environments from which its many forms have emerged and its role in social history; development of blues, folk, jazz, rock, and other popular music forms in the twentieth century.   1004.00

MUSIC 15B, Jazz, Blues and Popular Music in the American Culture

3 Units
3 hrs lecture (GR or P/NP).
Acceptable for credit: UC/CSU
AA/AS area 3, 5; CSU area C1;
IGETC area 3A

Study of the contemporary music scene with in-depth investigation of trends in artistic expression: Music as a revolutionary force, the role of the music industry, analysis of performances and interviews.   1004.00

MUSIC 24, Jazz History

3 Units
3 Hrs Lecture, (GR or P/NP).
Acceptable for credit: UC/CSU
AA/AS area 3; CSU area C1;
IGETC area 3A

Evolutionary development of jazz music and the artists responsible for its creation: Historical, cultural, and sociological analysis of each style period through extensive guided listening.   1004.00

PHILOSOPHY

Associate in Arts for Transfer Degree (AA-T)

The AA-T in Philosophy prepares students to transfer to a California State University as a philosophy major. It does this in two ways. First, it introduces students to the main questions within the major branches of philosophy, including metaphysics, epistemology, political theory, aesthetics, ethics, and logic. Second, it develops the critical thinking skills necessary for tackling those philosophical questions.

Students who successfully complete the AA-T in Philosophy earn specific guarantees for transfer to the CSU system: admission to a CSU with junior status and priority admission to a CSU campus and to a program or major in Philosophy or a similar major. Students transferring to a CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

Students are required to complete 60 semester units that are eligible for transfer to a California State University, including both of the following: (1) The Inter-segmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements and (2) 18 semester units with a grade of C or P or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. For a more detailed description of Associate Degrees for Transfer, see "Associate Degrees for Transfer (ADT) to a California State University" on page 31.

Students are advised to consult with a Berkeley City College Counselor for additional information and to verify transfer requirements.

Required Courses		Units
PHIL 1	Introduction to Philosophy	3
PHIL 20A	History of Ancient Greek Philosophy	3
PHIL 20B	History of Modern European Philosophy	3
PHIL 31A	Human Values/Ethics	3
OR		
HUMAN 30A	Human Values/Ethics	3
List A—Select 3 units from the following:		
(Note: Most transfer institutions will require Formal or Symbolic Logic for the major.)		
PHIL 10	Logic	3
PHIL 11	Formal Logic	3
List B—Select 3 units from the following:		
HUMAN 30B	Human Values/Aesthetics	3
HUMAN 40	Religions of the World	3
PHIL 2	Social and Political Philosophy	3
PHIL 16	Buddhist Philosophy	3