

Berkeley City College  
**CATALOG**  
**ADDENDUM**  
**2019**



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## **CATALOG ADDENDUM 2019 - 2020**

The Berkeley City College Catalog Addendum for 2019 - 2020 is a summary of additions, reactivations, deactivations, and changes that have been made and approved by the California Community College Chancellor's Office. Changes to curriculum are made through the BCC Curriculum Committee process with an approval of the PCCD board and the CCC Chancellor's Office. For the 2019 - 2020 academic year, all approved changes and additions made in 18-19 are reflected in this addendum. Please use information contained here as the most accurate and up-to-date catalog information regarding courses and programs. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title.

### **ACCURACY STATEMENT**

Berkeley City College endeavors to accurately and fairly present its programs and its policies to the public. Those responsible for the preparation of this catalog, the class schedule and all other public announcements make every effort to ensure that the information presented is correct and up to date. However, Berkeley City College reserves the right to add, amend or repeal any rules, regulations, policies and procedures. The college assumes no responsibility for program changes or publication errors beyond its control. For the most current information, please check our Web site at <http://www.berkeleycitycollege.edu> and our catalog addendum.

### **How to use the Catalog 2019 - 2020 Addendum:**

The Catalog Addendum 2019 - 2020 includes corrections of errors that are in the actual 2019 - 2020 Catalog and additional information that did not get included in the catalog. The catalog Correction List seen on page 3 summarize all the corrections made to the existing catalog 2019 - 2020 and the corresponding pages in the 2019 Addendum. The Course Revisions seen on page 4 are the courses that will be in effect as of spring 2020. Page 5 has the new policy regarding veteran students awaiting VA tuition and fee payments. On pages 5 through 22 are corrected pages as presented in the 2019 - 2020 Catalog. Finally, pages 17 – 21 show transfer pattern information as listed in the 2019-2020 catalog, please use this updated version.

## Correction List

Catalog Page	Addendum Page	Section	Correction
3	5	An Important Message for Our Students	Added Veterans update
64	6	ART 49, Independent Study in Art	1.5-15 hrs lab (GR or PNP)
65	7	ASTR 10, Descriptive Astronomy	Prerequisite: MATH 201 or, 210D, 230, 240 or appropriate placement into transfer level math through multiple measures.
86	8	Teacher's Aide Certificate of Achievement	MATH 18 course name is Mathematical Concepts for Teachers
92	9	ENGL99	Prerequisite is ENGL 10A
94	10	ESOL High Intermediate Certificate of Competency	The required courses are: ESOL 573, 563, 533
105	11	Liberal Art: Arts and Humanities Associates Degree	MMART 123 course title is The Art of Documentary Film
106	12	Liberal Arts and Behavioral Sciences Associates in Arts Degree	Listed HUSU 119; Correct course is HUSV 119
113	13	MultiMedia Arts Core Certificate of Achievement	Listed MM/DI 4+4; Correct listing is MM/DI 4+4L
113	13	MultiMedia Arts Core Certificate of Achievement	Program requirement for MMART 468 is 1 unit
115	14	MultiMedia Arts Animation Game Design Associates in Arts Degree	Program requirement for MMART 468 is 1 unit
122	15	MultiMedia Arts Digital Imaging Associates in Arts Degree	Program requirement for MMART 468 is 1 unit
127	16	MultiMedia Arts Mobile and Web Design Associates in Arts Degree	Program requirement for MMART 468 is 1 unit
193	22	Advisory Committees, Administration, Faculty and Staff	Correct listing for Vanessa Phillip

## Course Revisions

Dept/ Number	Change Course From:	Change Course To:
ART 49	<p>Independent Study in Art 0.5–5 Units 0–5 hrs lecture, 0–15 hrs lab (GR or P/NP). Acceptable for credit: CSU See section on Independent Study. 1002.00</p>	<p>Independent Study in Art 0.5–5 Units 1.5-15 hours laboratory (GR or P/NP). In-depth exploration of an area or problem of the student's choice not covered by regular catalog offerings in Art. Student must obtain approval from an appropriate faculty member. For more details, see the section on independent study in the college catalog. 1002.00</p>
ASTR 10	<p>Descriptive Astronomy 3 Units 3 hours lecture (GR or P/NP). Recommended Preparation: MATH 201 or, 210D. Acceptable for credit: UC/CSU; AA/AS area 1; CSU area B1. Not open for credit to students who have completed or are currently enrolled in ASTR 1. Survey of astronomy at a descriptive level: Development of modern astronomy, light, astronomical instruments, the sun, formation and evolution of the solar system, the terrestrial planets, the Jovian planets, asteroids, comets, planets around other stars, and a brief survey of stars. 1911.00</p>	<p>Descriptive Astronomy 3 Units 3 hours lecture (GR). Prerequisite: MATH 201, 210D, 230, 240 or Appropriate placement into transfer level Math through multiple measures assessment process. Acceptable for credit: UC/CSU; AA/AS area 1; CSU area B1.  Survey of astronomy at a descriptive level: Development of modern astronomy, light, astronomical instruments, the sun, formation and evolution of the solar system, the terrestrial planets, the Jovian planets, asteroids, comets, planets around other stars, and a brief survey of stars. Not open for credit to students who have completed or are currently enrolled in ASTR 1. 1911.00</p>
PHIL 2	<p>Social and Political Philosophy 3 Units 3 hrs lecture (GR). Acceptable for credit: UC/CSU AA/AS area 3; CSU area C2; IGETC area 3B Focus on classic examples of social and political philosophy in Western civilization: Original writings by Classic Greeks (Plato and Aristotle), Americans (Hamilton, Madison, and Jefferson), Modern Europeans (Marx and Mills), and appropriate contemporary philosophers. 1509.00</p>	<p>Social and Political Philosophy 3 Units 3 hrs lecture (GR or P/NP). Acceptable for credit: UC/CSU AA/AS area 3; CSU area C2; IGETC area 3B Focus on classic examples of social and political philosophy in Western civilization: Original writings by Classic Greeks (Plato and Aristotle), Americans (Hamilton, Madison, and Jefferson), Modern Europeans (Marx and Mills), and appropriate contemporary philosophers. 1509.00</p>



# An Important Message for Our Students

There are no barriers to your opportunities for success. We welcome to Berkeley City College all who seek to transfer to a university and/or who seek occupational education to upgrade or retrain for successful careers. A variety of support services—e.g., financial aid, career training and counseling—are available to you.

Call (510) 981-2800 or visit <http://www.berkeleycitycollege.edu> for more information.

## Accuracy Statement

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## Meeting Requirements

Berkeley City College assumes no responsibility for misinterpretation by students of policies and procedures as presented in this catalog. Counselors and advisors are available and willing to assist students in planning their programs and to clarify college policies and procedures.

## Important Note About This Catalog for Students with Disabilities

This catalog is available in an alternate media format upon request. Should you need further accommodations, contact BCC's Disabled Students Programs and Services office at (510) 981-2812.

## Open Classes

It is the policy of Berkeley City College, as part of the Peralta Community College District, that unless specifically exempted by statute, every course, section or class, the average attendance of which is to be reported for state aid, wherever offered and maintained by the District, shall be fully opened to enrollment and participation by any person who has been admitted to the College and who meets such prerequisites as may be established pursuant to Chapter 11, Division 2, Part VI, Title 5 of the

California Administrative Code, commencing with Section 51820.

## Using Berkeley City College's Catalog

Berkeley City College's catalog describes the courses, programs, and services of the college that are planned for the 2019–2020 academic years. Most of the policies and regulations affecting students are described in this catalog and each student is responsible for becoming familiar with this information. You may obtain more current or complete information from the appropriate administrative office.

## Student Success and Placement

The Student Success and Placement Office is pleased to share some very important changes in the corequisite placement process. AB 705 has changed how we place student in Math and English. With the enactment of Assembly Bill 705, students are now placed in Math and English courses based on their high school records instead of taking a placement test and having courses assigned based on that test. Now student records are reviewed with a counselor and depending on your high school level, you will be placed at your academic level.

## Veterans

Effective August 1, 2019:  
Section 103, PL 115-407

### Attendance and Participation While Awaiting VA Tuition and Fee Payments

Effective August 1, 2019, any student using CH31 (Vocational Rehabilitation and Employment benefits) or CH33 (Post-9/11 G.I. Bill<sup>®</sup>) is protected from any penalties imposed by the College while waiting for the VA to make tuition and fee payments.

Under this policy, the College:  
Cannot deny a student access to classrooms, libraries, or other institutional facilities  
Cannot make the student borrow money to cover costs while waiting for payment  
Cannot charge a student a late fee or penalty  
Protection begins when the student provides the school with a Certificate of Eligibility (COE) or a Statement of Benefits. The College can require the student to submit:

The COE or Statement of Benefits no later than the first day of the program written request to use the benefits or other necessary certifications. The coverage period ends when VA make payment or 90 days after the date the College certifies tuition and fees.

For more information regarding this policy, contact your School Certifying Official (SCO) Jennifer Lenahan at [jlenahan@peralta.edu](mailto:jlenahan@peralta.edu)

*GI Bill<sup>®</sup> is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.*

Berkeley City College complies with S.2248-Veterans Benefits and Transition Act of 2018 section 103. Berkeley City College will not assess or implement any late fees for at least 90 days from the date of certification, for any covered individuals which are using Chapter 33 or Chapter 31 VA Educational Benefits.

Covered individuals must provide the school with the following:

- A Certificate of Eligibility (COE) letter. A print out of the student's summary of benefits page from eBenefits is enough to meet this requirement as well.

### ART 24, Special Projects: Drawing

2 Units

1 hour lecture, 3 hrs lab (GR).

Acceptable for credit: UC/CSU.

Independent exploration and experimentation in special areas of drawing. 1002.10

### ART 26, Continuing Figure Drawing and Composition

2 Units

1 hour lecture, 3 hrs lab (GR or P/NP).

Acceptable for credit: UC/CSU

Continuing drawing from the live model: Introduction to more advanced problems. 1002.10

### ART 27, Intermediate Figure Drawing and Composition

3 units

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

Recommended Preparation: ART 137

Acceptable for credit: CSU

Continued development of knowledge and skills introduced in Art 137: Emphasis on expressive content of the figure developed through manipulation of line, form, value, composition, facial expression, pose, and anatomical proportions. 1002.10

### ART 29, Special Projects: Figure Drawing

2 Units

1 hour lecture, 3 hrs lab (GR).

Acceptable for credit: UC/CSU

Continued study and development of special projects in figure drawing from the live model. 1002.10

### ART 30, Beginning Figure Drawing: Anatomy

2 Units

1 hour lecture, 3 hrs lab (GR).

Acceptable for credit: UC/CSU

Study and drawing of the human form using live models: Emphasis on basic problems of line, gesture, volume, and anatomy. 1002.10

### ART 31, Continuing Figure Drawing: Anatomy

2 Units

1 hour lecture, 3 hrs lab (GR).

Acceptable for credit: UC/CSU

Continuation of ART 30 using live models: Emphasis on problems of proportion and perspective. Anatomy is stressed. 1002.10

### ART 46, 2-D Visual Design

3 Units

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

Acceptable for credit: UC/CSU

CSU area C1; (C-ID ARTS 100)

Fundamental elements of design: Dot, line, plane, volume, space, color, texture and light; lab experience in visual composition and layout emphasizing two dimensional design. 1002.10

### ART 47, 3-D Visual Design

3 Units

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

Acceptable for credit: UC/CSU

(C-ID ARTS 101)

Introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition: Elements and organizing principles of design as they apply to three-dimensional space and form. Development of visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects. 1002.10

### ART 49, Independent Study in Art

0.5–5 Units

1.5–15 hrs lab (GR or P/NP).

Acceptable for credit: CSU

In-depth exploration of an area or problem of the student's choice not covered by regular catalog offerings in Arts. Student must obtain approval from an appropriate faculty member. For more details, see section on independent study in the college catalog. 1002.00

### ART 50, Beginning Painting

3 Units

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

Recommended Preparation: ART 20.

Acceptable for credit: UC/CSU

(C-ID ARTS 210)

Emphasis on the basic techniques of oil or acrylic painting: Preparation and use of canvas and supports, color mixing, composition in a variety of styles, development of imaginative and objective images. 1002.10

### ART 52, Intermediate Painting

2 Units

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

Acceptable for credit: UC/CSU

Intermediate-level development of skills, composition and techniques, application of color theory, concepts, style, and creative expression in acrylic, oil, and mixed media; development of personal approach to content and materials in relation to historical and contemporary approaches to painting. 1002.10

### ART 54, Special Projects: Painting

2 Units

1 hour lecture, 3 hrs lab (GR or P/NP).

Acceptable for credit: UC/CSU

Continued study and skill development with oil and acrylics: May include production of murals and other large-scale paintings as well as individual projects. 1002.10

### ART 119, Figure Painting in Context

3 Units

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

Acceptable for credit: CSU

Painting the human form using live models: Inventing a narrative using the figure; exploration of basic painting techniques used to create gesture, volume, and color with an emphasis on context, narrative and personal style; acrylic, gouache, and watercolor. 1002.10

### ART 133A, Mural Design and Creation I

3 Units

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

Acceptable for credit: UC/CSU

Introduction to the techniques of mural painting: Application of ancient and contemporary mural themes; technical approaches in a collectively designed project in the school and community. 1002.10

### ART 133B, Mural Design and Creation II

4 Units

2 hrs lecture, 6 hrs lab (GR or P/NP).

Acceptable for credit: UC/CSU

Further development and training in the techniques of mural painting: Application of ancient and contemporary mural themes; technical approaches in a collectively designed project located within the school or in the greater community; methods of promotion and documentation. 1002.10

### ART 133B, Mural Design and Creation II

4 Units

2 hrs lecture, 6 hrs lab (GR or P/NP).

Acceptable for credit: UC/CSU

Further development and training in the techniques of mural painting: Application of ancient and contemporary mural themes; technical approaches in a collectively designed project located within the school or in the greater community; methods of promotion and documentation. 1002.10

### ART 137, Beginning Figure Drawing and Composition

3 Units

2 hrs lecture; 4 rs lab (GR or P/NP)

Acceptable for credit: CSU

Introduction to drawing the human figure from observation using a wide variety of drawing media and techniques: Human anatomy, historical and contemporary roles of figure drawing in the visual arts with descriptive and interpretive approaches to drawing the figure 1002.10

**ART 181, Artist as Citizen: Community Based Art Practices**

3 Units

2 hrs lecture (GR or P/NP).

Acceptable for credit: UC/CSU.

AA/AS areas 2 and 3;

Contemporary art practices required for public art: Creative collaboration with other artists and local organizations; conceptual and technical approaches of community-based .

1001.00

**ART 182, Introduction To Visual Culture**

3 Units

3 hrs lecture (GR or P/NP).

Also offered as HUMAN 182. Not open for credit to students who have completed or are currently enrolled in HUMAN 182.

Acceptable for credit: UC/CSU.

AA/AS areas 2 and 3;

CSU area C1, C2; IGETC area 3A, 3B

Introduction to the function of visual languages from "high" art to TV, movies, and popular culture: Key concepts such as power, identity, ideology, gender, race, class, globalism, desire, consumerism and their impact on the production and understanding of the visual; role of the viewer in the ongoing and co-creative establishment of meaning.

1001.00

**ASIAN AND ASIAN-AMERICAN STUDIES****ASAME 11, Introduction to Asian American and Pacific Islander Studies**

3 Units

3 hours lecture (GR or P/NP).

Acceptable for credit: UC/CSU

AA/AS area 2, 5; CSU area D3;

IGETC area 4.

Overview of the field of Asian American and Pacific Islander Studies: History, literature, the arts and material culture, as well as sociological, political, economic, public policy, and philosophical perspectives on the multiple and diverse experiences of Asian American and Pacific Islanders.

2203.00

**ASAME 30, Asians and Asian-Americans through Films**

3 Units

3 hrs lecture (GR or P/NP).

Acceptable for credit: UC/CSU

AA/AS area 3, 5; CSU area C2;

IGETC area 3B

Culture and societies of Asia and the Asian Diaspora, with particular emphasis on Asian-American documentary and dramatic films: Examination of films as a medium of communication and representation of Asian and Asian-American cultures, exploring common cultural elements and symbols; themes and motifs in films by and about Asian Americans, Central Asians, East Asians, and South and Southeast Asians.

2203.00

**ASTRONOMY****ASTR 10, Descriptive Astronomy**

3 Units

3 hours lecture (GR).

Prerequisite: MATH 201 or, 210D, 230, 240 or appropriate placement into transfer level math through multiple measures.

Acceptable for credit: UC/CSU; AA/AS area 1; CSU area B1.

Survey of astronomy at a descriptive level: Development of modern astronomy, light, astronomical instruments, the sun, formation and evolution of the solar system, the terrestrial planets, the Jovian planets, asteroids, comets, planets around other stars, and a brief survey of stars. Not open for credit to students who have completed or are currently enrolled in ASTR 1.

1911.00

**ASTR 15, Space Weather**

3 Units

3 hours lecture (GR or P/NP).

Recommended Preparation: MATH 201, 210D, 230 or 240.

Acceptable for credit: UC/CSU.

Introduction to modern space science and space weather: Energy from the Sun, space weather's impacts on Earth and human technology, Earth's magnetic field, Earth's upper atmosphere, northern lights, and magnetism on Mars.

1911.00



PHYS 10	Introduction to Physics	4
	Elective	3
	Total Units	15

#### Program Learning Outcomes

Students who complete the program will be able to:

- Analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Apply effective strategies for teaching.
- Write strong essays.
- Describe and teach basic concepts in number systems.
- Describe basic concepts in the humanities, social sciences, and sciences, and apply them to teaching at an elementary level.

## Teacher's Aide

### Certificate of Achievement

This certificate combines some of the core courses in the Education AA-T with fieldwork in the schools, as well as additional courses in working with students who have learning differences and in the teaching of reading. Students who complete this program will be well qualified to serve as teachers' aides in classrooms from kindergarten to high school and adult education.

#### Career Opportunities

Teachers' aides in K-12 and adult education programs.

Required Courses		Units
COMM 45	Public Speaking	3
EDUC 1	Introduction to the Field of Education	3
EDUC 97	Field Studies in Education	2-4
EDUC 98	Pedagogy of Reading	3
EDUC 99	Introduction to Special Needs Pedagogy	3
ENGL 1A	Composition and Reading	4
MATH 18	Mathematical Concepts for Teachers	3

Select 3 units from the following:

CHDEV 51	Child Growth and Development	3
PSYCH 21	Lifespan Human Development	3
	Total required units	24-26

## Recommended Course Sequence

You can use the following pattern to complete a Certificate of Achievement in Teacher's Aide. 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 degree regardless of the semester you begin classes.

Courses		Units
1st Semester/Fall		
EDUC 1	Introduction to the Field of Education	3
EDUC 99	Introduction to Special Needs Pedagogy	3
ENGL 1A	Composition and Reading	4
CHDEV 51	Child Growth and Development	3
OR		
PSYCH 21	Lifespan Human Development	3
	Total units	13
2nd Semester/Spring		
COMM 45	Public Speaking	3
EDUC 97	Field Studies in Education	2-4
EDUC 98	Pedagogy of Reading	3
MATH 18	Mathematical Concepts for Teachers	3
	Total units	11-13

#### Program Learning Outcomes

Students who complete the program will be able to:

- Analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Apply effective strategies for teaching basic concepts in mathematics, reading, and writing.
- Apply knowledge of learning differences in working with students.

## Education: School Readiness

### Certificate of Proficiency

Upon completion of this program, students will receive the California Commission on Teacher Credentialing Associate Teacher Permit, with a School-Age Emphasis. This certificate combines some of the core courses in the Education AA-T with fieldwork in the schools, as well as additional courses focusing on school readiness. Students who complete this program will qualify to serve as teachers' aides in classrooms from pre-kindergarten and transitional kindergarten through third grade, as well as after-school programs.

#### Career Opportunities

This program prepares students to qualify for California's Associate Teacher permits, with a school-age emphasis. The permit allows them to work in after-school programs and Head Start programs and to work as para-educators.

Required Courses		Units
EDUC 1	Introduction to the Field of Education	3
ENGL 47	Children's Literature	3
SOC 13	Sociology of the Family	3
Select 3 units from the following:		
CHDEV 51	Child Growth and Development	3
Or		
PSYCH 21	Lifespan Human Development	3
	Total Units	12

#### Program Learning Outcomes

Students who complete the program will be able to:

- Model the rudiments of curriculum and lesson planning and analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body.
- Effectively analyze children's literature in light of critical theories and formal elements.
- Describe how the sociological perspective applies to families and family formation, including understanding the array of family structures in the United States, along with current social and economic trends impacting American families.
- Describe major developmental milestones for children from conception through adolescence in the areas of physical, psychosocial, cognitive, and language development, differentiating characteristics of typical and atypical development.

### EDUC 1, Introduction to the Field of Education

3 Units

3 hrs lecture (GR or P/NP).

Acceptable for credit: UC/CSU

AA/AS area 2

Historical and sociological analysis of the educational system and careers in teaching: Study of principles of effective instructional models with emphasis on student-centered and culturally relevant methods, research of resources for curriculum and instruction, and observation of teaching practices in local schools. 0801.00

### EDUC 97, Field Studies in Education

2-4 Units

1 hour lecture, 3-9 hours lab (GR or P/NP).

Prerequisite or Co-requisite: EDUC 1

Acceptable for credit: UC/CSU.

Course study under this section may be repeated one time for a maximum of 4 units.

# ENGL 87, Intermediate Playwriting and Screenwriting

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 86.

Acceptable for credit: UC/CSU

AA/AS area 4d;  
(units limited at UC)

Intermediate playwriting and screenwriting: Plays and film scenes; play and screenplay structure; intermediate direction, rehearsal, and critique; further study of techniques.

1507.00

# ENGL 88, Intensive Playwriting and Screenwriting

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 87.

Acceptable for credit: UC/CSU

AA/AS area 4d;  
(units limited at UC)

Intensive playwriting and screenwriting: Critique and revision of multiple drafts, three-stage method of giving and receiving criticism, intensive study of techniques.

1507.00

# ENGL 89, Playwriting and Screenwriting: Special Projects

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 88.

Acceptable for credit: CSU

AA/AS area 4d;  
(units limited at UC)

Advanced playwriting and screenwriting: Completion of a play or screenplay in an advanced condition with first draft completed; editing, discussion of collaboration, critiquing, copyrighting, and promotion.

1507.00

# ENGL 91A, Introduction to Poetry Writing

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 1A.

Acceptable for credit: UC/CSU

AA/AS area 4d; CSU area C2;  
(units limited at UC)

Introduction to poetry writing: Overcoming writing fears; introduction to similes, metaphors, images, rhythm and avoiding clichés.

1507.00

# ENGL 92A, Intermediate Poetry Writing

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 091A.

Acceptable for credit: UC/CSU

AA/AS area 4d; CSU area C2; (units limited at UC)

Intermediate poetry writing: Overcoming writing blocks, refining simile, extended metaphor, complex imagery, sonnets, villanelles, haiku, and free verse.

1507.00

# ENGL 93A, Intensive Poetry Writing

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 92A.

Acceptable for credit: UC/CSU

AA/AS area 4d; CSU area C2; (units limited at UC)

Intensive Poetry Writing: Reviewing meter, iambs, anapests, dactyls; extended imagery, linguistics and poetry, sestinas, and collage poetry.

1507.00

# ENGL 94, Poetry: Special Projects

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 93A.

Acceptable for credit: CSU

AA/AS area 4d

Special projects in poetry: Developing a poetry series or book-length manuscript, peer review techniques, maintaining a writing pace and discipline, revision to sustain tone, book proposals, and copyright law.

1507.00

# ENGL 99, Development and Publication of Full-Length Manuscript

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 10A.

Acceptable for credit: CSU

AA/AS area 4d; CSU area C2

Capstone course for writers of poetry, fiction, non-fiction, or playwriting/screenwriting: Creation of book, anthology, zine, or journal; conceptualization and mission statement; selecting, sequencing and editing work; exploring publication platforms; selecting and incorporating artwork; publicizing, distributing, and fundraising; development of portfolio of creative writing.

1507.00

# ENGL 130, Introduction to English Syntax and Grammar

3 Units

3 hrs lecture (GR or P/NP).

Prerequisite: ENGL 1A.

Acceptable for credit: UC/CSU

Survey of present-day English syntax and grammar as informed by contemporary linguistic theories: The major syntactic structures of English; integration of the sentence into its logical and rhetorical contexts; review of traditional grammar and usage; applications to pedagogical practices.

1501.00

# ENGL 208A, Writing Workshop

1 Unit

0.5 hrs lecture, 1.5 hrs lab (GR or P/NP).

Individualized instruction in writing: Thesis control and essay organization.

1501.00

# ENGL 208B, Writing Workshop

1 Unit

0.5 hrs lecture, 1.5 hrs lab (GR or P/NP).

Recommended Preparation: ENGL 208A.

Individualized instruction in writing: Thesis control, essay organization, and idea development.

1501.00

# ENGL 208C, Writing Workshop

1 Unit

0.5 hrs lecture, 1.5 hrs lab (GR or P/NP).

Recommended Preparation: ENGL 208B.

Individualized instruction in writing: Thesis control, essay organization, idea development, and sentence structure.

1501.00

# ENGL 208D, Writing Workshop

1 Unit

0.5 hrs lecture, 1.5 hrs lab (GR or P/NP).

Recommended Preparation: ENGL 208C.

Individualized instruction in writing: Thesis control, essay organization, idea development, sentence structure, and editing/proofreading.

1501.00

# ENGL 217A, Shakespeare

3 Units

3 hrs lecture (GR or P/NP).

AA/AS area 3, 4d

Study of selected works of Shakespeare.

1503.00

# ENGL 264A, Preparation for Composition, Reading, and Research

4 Units

3 hrs lecture, 3.5 hrs lab (GR or P/NP).

Prerequisite: ENGL 264A

Introduction to college-level composition, reading, and research: Active reading strategies; writing and prewriting strategies; argumentation techniques; research techniques.

1501.00

- citing sources appropriately
- Apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
- Express ideas fluently, accurately, and appropriately in spoken American English; demonstrate comprehension of and respond appropriately to spoken American English; and demonstrate knowledge of and use of American cultural conventions in oral communications
- Use grammatical structures to accurately and effectively express ideas in English

Add Three ESOL non-credit programs below (listed in alphabetical order): ESOL Advanced, ESOL Composition Skills, ESOL High Intermediate Certificates of Competency

## ESOL Advanced Certificate of Competency

The Advanced Certificate of Competency in ESOL verifies that a student has successfully completed three ESOL core classes (Reading and Writing, Listening and Speaking, and Grammar) at the advanced level. Students interested in completing this certificate should consult with the ESOL department chair and a counselor.

### Career Opportunities

This certificate will help prepare students for vocational programs and job advancement.

Courses	Units
ESOL 552    Advanced Reading and Writing	0
ESOL 550    Advanced Listening and Speaking	0
ESOL 574    Grammar 4	0

### Program Learning Outcomes

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

- Demonstrate advanced skills in English listening, speaking, reading, and/or writing which will allow them to achieve their personal, vocational, and academic goals.

## ESOL Composition Skills Certificate of Competency

This certificate verifies that students have gained skills in structure, development, and editing of essays in English, to support their successful completion of English composition classes and other coursework and career goals requiring reading and writing.

### Career Opportunities

This program is designed to ensure that students have academic skills required to be successful in their academic goals, which ultimately allows for success in career goals.

Courses	Units
ESOL 555A    Composition Skills: Structure and Development	0
ESOL 550    Composition Skills: Editing	0

### Program Learning Outcomes

Upon successful completion of this program,

students will be able to:

- Write well organized, well developed, well edited, well researched, and clear essays

## ESOL High Intermediate Certificate of Competency

The High Intermediate Certificate of Competency in ESOL verifies that a student has successfully completed three ESOL core classes (Reading and Writing, Listening and Speaking, and Grammar) at the high intermediate level. Students interested in completing this certificate should consult with the ESOL department chair and a counselor.

### Career Opportunities

This certificate will help prepare students for vocational programs and job advancement.

Courses	Units
ESOL 573    Grammar 3	0
ESOL 563    Listening and Speaking 3	0
ESOL 553    Reading and Writing 3	0

### Program Learning Outcomes

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

- Demonstrate high intermediate skills in English listening, speaking, reading, and/or writing which will allow them to achieve their personal, vocational, and academic goals.

## English for Speakers of Other Languages Level of Difficulty

Subject Area Emphasis	Level 1 Beginning	Level 2 Intermediate	Level 3 High Intermediate	Level 4 Advanced
Grammar (4 Units)	271A/B	272A/B	273A/B credit 573 non-credit	274A/B credit 574 non-credit
Listening & Speaking (6 Units)	261A/B	262A/B	263A/B credit 563 non-credit	50A/B credit 550 non-credit
Reading & Writing (4 units)	251A/B	252A/B	253A/B credit 553 non-credit	52A/B credit 552 non-credit

## ESOL 50A, Advanced Listening and Speaking

4 Units

4 hrs lecture (GR or P/NP).

Prerequisite: ESL 233B, ESOL 263B, or placement by multiple measures assessment process.

Acceptable for credit: CSU

AA/AS area 4d, CSU area A1

Advanced level listening and speaking in American English: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms and pronunciation.

Not open for credit to students who have completed ESL 50A.

4930.86

## ESOL 50B, Oral Communication for Advanced ESOL Students

4 Units

4 hrs lecture (GR or P/NP).

Prerequisites: ESL 50A or ESOL 50A.

Acceptable for credit: CSU

AA/AS area 4d

Continuation of ESOL 50A: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms and pronunciation. Not open for credit to students who have completed or are currently enrolled in ESL 50B.

4930.86

## ESOL 52A, Advanced Reading and Writing

6 Units

6 hrs lecture, (GR or P/NP).

Prerequisites: ESL 223B or ESOL 253B or placement through multiple-measures assessment process.

Acceptable for credit: UC/CSU

AA/AS areas 4a, 4d.

Advanced level of reading and writing: Critical thinking skills, critical and analytical reading of college level texts, and writing of research and other academic papers. Not open for credit to students who have completed or are currently enrolled in ESL 52A.

4930.87

## ESOL 52B, Advanced Reading and Writing

6 Units

6 hrs lecture, (GR or P/NP).

Prerequisites: ESL 52A or ESOL 52A or placement through multiple-measures assessment process.

Acceptable for credit: UC/CSU

AA/AS areas 4a, 4d

Continuation of advanced level of reading and writing: Critical thinking skills, critical and analytical reading of college level texts, and writing of research and other academic papers. Not open for credit to students who have completed or are currently enrolled in ESL 52B.

4930.87

Courses		Units	in focus. In all cases, students consult with a Counselor to develop a program of study.				
1st Fall Semester			Students should complete 18 units from a minimum of two disciplines from the following list of courses:				
WS 1	Introduction to Women's Studies	3				HUMAN 5	Storytelling in American Culture 3
SOC 7	Sociology of Gender	3				HUMAN 15	Popular Culture 3
2nd Spring Semester						HUMAN 21	Film: Art and Communication 3
WS 35	Feminist Philosophy	3				HUMAN 26	Global Cinema 4
COMM 10	Gender and Communication	3				HUMAN 30A	Human Values/Ethics 3
3rd Fall Semester						HUMAN 30B	Human Values/Aesthetics 3
WS 52	Women and Cinema	4				HUMAN 40	Religions of the World 3
or						HUMAN 52	Women and Cinema 4
ART 13	History of Women in Art	3				HUMAN 53	Comparative Film Genres 4
or						HUMAN 55	The Representation of Immigration in Cinema and Television 4
HIST 21US	Women: A Social History	3				HUMAN 182	Introduction to Visual Culture 3
4th Spring Semester						HUMAN 226	Global Cinema (Screening) 1
SOCSCI 2	Introduction to Diversity Issues	3				M/LAT 30A	Survey of Latin-American Films 3
or						M/LAT 30B	Survey of Latin-American Films 3
SOC 13	Sociology of the Family	3				MMART 123	The Art of Documentary Films 3
Total Units		18-19				MUSIC 15A	Jazz, Blues and Popular Music in the American Culture 3
Program Learning Outcomes						MUSIC 15B	Jazz, Blues and Popular Music in the American Culture 3
Students who complete requirements of the Certificate of Achievement in Gender Studies will be able to:						PHIL 1	Introduction to Philosophy 3
• Understand and examine critically the processes of gender socialization and historically differentiated experiences for genders across cultures and eras						PHIL 2	Social and Political Philosophy 3
• Critically analyze how identities based on gender, race/culture/ethnicity, sexuality, class, age, and ability intersect						PHIL 11	Formal Logic 3
• Recognize various women's political, historical, and artistic achievements over time						PHIL 16	Buddhist Philosophy 3
						PHIL 20A	History of Ancient Greek Philosophy 3
						Course Units	
						PHIL 20B	History of Modern European Philosophy 3
						PHIL 31A	Human Values/Ethics 3
						PHIL 35	Feminist Philosophy 3
						PHIL 37	Introduction to Asian Philosophy 3
						SPAN 1A	Elementary Spanish I 5
						SPAN 1B	Elementary Spanish II 5
						SPAN 2A	Intermediate Spanish I 5
						SPAN 2B	Intermediate Spanish II 5
						SPAN 22A	Spanish for Bilingual Speakers I 5
						SPAN 22B	Spanish for Bilingual Speakers II 5
						SPAN 38	Latin American Literature 3
						SPAN 39	Latin American Novel 3
						WS 35	Feminist Philosophy 3
						WS 52	Women and Cinema 3
						Major Requirements	
						General Education and Electives	
						Total Units	
						Program Learning Outcomes	
						Students who complete the program will be able to:	
						• Show the connections between specific factors (i.e., politics, religion, science, etc.) of historical periods and the artistic styles and general cultural milieus that emerged	

# Liberal Arts: Arts and Humanities

## Associate in Arts Degree

The AA in Liberal Arts with an emphasis in Arts and Humanities provides students with a broad perspective on culture and artistic expression of human beings and societies. It is designed to stimulate appreciation for and understanding of values, ideas, and artifacts of culture and society, specifically as these relate to how different cultures through the ages have responded to themselves and the world around them through the production of creative forms of expression. Critical thinking skills and self-understanding through these courses provide a framework for lifelong study in the liberal arts. Successful completion of the curriculum in Arts and Humanities offers students a breadth of knowledge that could be focused into single discipline degrees as well as applied to an interdisciplinary degree. The degree is intended for those who are considering transfer but have not decided on a major; those who are required to complete a degree for job promotion; or individuals who may wish to further their education and are considering a major that is interdisciplinary



- from those historical periods.
- Discuss major ideas and theories on human creativity and historical development, and how these affect individual and social interaction.
- Critically analyze artistic styles and ideologies in well organized and effective essays.

## Liberal Arts: Social and Behavioral Sciences

### Associate in Arts Degree

The Associate in Art degree (AA) in Liberal Arts: Social and Behavioral Sciences provides students with a broad perspective on human behavior. It is designed to stimulate appreciation for, and understanding of values, ideas, and artifacts of culture and society. Critical thinking skills and self-understanding through these courses provide a framework for lifelong study in liberal arts. Successful completion of the curriculum in Social and Behavioral Sciences offers students a breadth of knowledge that could be focused into single discipline degrees as well as applied to an interdisciplinary degree. The Degree is intended for students who are considering transfer but have not decided on a major or for students who are required to complete a degree for job promotion. In all cases, students should consult with a counselor to develop a program of study.

Students should complete 18 units from a minimum of two disciplines from the following list of courses:

Course	Units
AFRAM 1 Introduction to African-American Studies	3
AFRAM 33 The Roots of Black American Culture	3
ANTHR 1 Introduction to Physical Anthropology	3
ANTHR 1L Introduction to Physical Anthropology Lab	1
ANTHR 2 Introduction to Archaeology and Prehistory	3
ANTHR 3 Introduction to Social and Cultural Anthropology	3
ANTHR 13 Urban Anthropology	3
ANTHR 18 Introduction to Anthropological Linguistics	3
ANTHR 55 Native American Cultures	3
ASAME 11 Introduction to Asian American and Pacific Islander Studies	3
ASAME 30 Asians and Asian-Americans Through Films	3
ECON 1 Principles of Economics (Macro Economics)	3
ECON 2 Principles of Economics (Micro-Economics)	3
ETHST 1 Introduction to Ethnic Studies	3

ETHST 2	Theoretical Approaches to Critical Ethnic Studies	3
HIST 1	American Indian History and Culture	3
HIST 2A	History of European Civilization	3
HIST 2B	History of European Civilization	3
HIST 3A	World History to 1500	3
HIST 3B	Modern World History: 1500–Present	3
HIST 7A	History of the United States	3
HIST 7B	History of the United States	3
HIST 8B	History of Latin-American Civilization	3
HIST 19	History of California	3
HIST 21	U.S. Women: A Social History	3
HIST 31	Contemporary Middle East: The Politics of Nationalism	3
HIST 32	The United States Since 1945	3
HIST 33	History of Native American Thought and Literature	3
HLTED 1	Exploring Health Issues	3
HUSV 117	Introduction to Behavioral Health	3
HUSV 118	Introduction to Social Work and Human Services	3
HUSV 119	Fieldwork: Social Work and Human Services	3
M/LAT 30A	Survey of Latin-American Films	3
M/LAT 30B	Survey of Latin-American Films	3
M/LAT 33	Introduction to Chicana/o and Latina/o Studies	3
POSCI 1	Government and Politics in the United States	3
POSCI 2	Comparative Government	3
Course		Units
POSCI 3	International Relations	3
POSCI 4	Political Theory	3
POSCI 6	The U.S. Constitution and Criminal Due Process	3
POSCI 19	Introduction to Global Studies	3
POSCI 20	Current World Problems	3
PSYCH 1A	Introduction to General Psychology	3
PSYCH 6	Social Psychology	3
PSYCH 21	Lifespan Human Development	3
PSYCH 28	Introduction to Research Methods in Psychology	3
SOCSC 2	Introduction to Diversity Issues	3
SOC 1	Introduction to Sociology	3
SOC 2	Social Problems	3
SOC 5	Minority Groups	3
SOC 6	Comparative Social Movements Since the 1960s	3
SOC 7	Sociology of Gender	3
SOC 8	Crime and Deviance	3
SOC 13	Sociology of the Family	3
SOC 18	Sociology of Death and Dying	3
SOC 120	Introduction to Research Methods	3
	Major Requirements	18

General Education and Electives	42
Total Units	60

Students must receive a minimum grade of “C” or better in all required core courses and electives in order to qualify for the degree. As this degree alone may not be complete preparation for transfer, students wishing to continue at the UC or CSU system should meet with a Counselor to develop a transfer plan which addresses all general education and lower-division transfer requirements.

#### Program Learning Outcomes

Students who complete the program will be able to:

- Use discipline-appropriate approaches to critically analyze social problems or processes.
- Analyze the consequences of social actions or forces and their impact upon social structure or the individual.
- Evaluate the foundations of diversity within the human experience.

## Liberal Arts: Inter-segmental General Education Transfer (IGETC)

### Certificate of Achievement

Students who plan to transfer to the California State University system (CSU) or the University of California system (UC) are encouraged to pursue a Certificate of Achievement in Liberal Arts. Students are advised to consult with a Counselor to develop your own program of study.

#### UC or CSU Transfer

Students are encouraged to pursue this certificate if they want to apply to transfer to either the University of California system or the California State University system and want to fulfill lower-division general education requirements by completing the Inter-segmental General Education Transfer Curriculum (IGETC). They will select courses that fulfill the IGETC requirements (with a grade of “C” or better in each course), to total 37 transferable semester units (with an overall GPA of 2.0). Upon completion of these requirements they will file both a “Petition for a Certificate of Achievement” and a “Request for General Education or IGETC Certification” with the Admissions and Records Office.

Total Minimum Required Units: 37

Complete the following requirements:

- Students must complete all courses with grades of “C” or better.
- Students must request IGETC certification from the Office of Admissions and Records, prior to transfer.
- IGETC is not advisable for all transfer students, especially if you are pursuing a major requiring extensive lower-division



# MULTIMEDIA ARTS Core

## Multimedia Arts Core

### Certificate of Achievement

The Multimedia Arts Core Certificate of Achievement offers a foundation of multimedia techniques and theory and prepares students for further coursework and specialization in the strand of their choice.

#### Career Opportunities

Entry level positions in video production, web design, digital imaging, animation and game design, corporate and independent media organization.

Required courses:	Units
MM/AN 40A Introduction to Game Design	3
MM/MW 1A+1LA Introduction to Web Design+ Lab3	
MM/VI 9A Video Production I: Introduction to Video	4
MMART 3 Introduction to Digital Art	3
Select 6–7 units from the following:	
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+4L Social Media Marketing and Data Analytics+Lab	3
MMART 1 Design Thinking	3
MMART 110 Scriptwriting and Storyboarding	3
MMART 197 Multimedia Career Preparation	3

MMART 468 Occupational Work Experience in Multimedia Arts	1
Total Units:	19–20

### Recommended One-Year Course Sequence

Students can use the following pattern to complete a Certificate of Achievement in Multimedia Arts Core. This is only one possible pattern. If they 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 their sequence of courses to help them complete their degree regardless of the semester they begin classes.

Courses	Units
1st Semester/Fall	
MMART 3 Introduction to Digital Art	3
MM/VI 9A Video Production I: Introduction to Video	4
Elective	3
Total	10
2nd Semester/Spring	
MM/AN 40A Introduction to Game Design	3
MM/MW 1A+1LA Introduction to Web Design and Lab	3
Elective	3
Total	9

#### Program Learning Outcomes

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

- Demonstrate entry level skills in multimedia arts through the completion of individual and team projects.
- Collaborate within a diverse team environment.

### MMART 1, Design Thinking

3 Units

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

Acceptable for credit: CSU

Design thinking: Building a design research process; problem solving, building prototypes, and creating viable design solutions using ethnography, visualization, storytelling, and experimentation. Not open for credit to students who have completed MMART 199.

0614.00

### MMART 3, Introduction to Digital Art

3 Units

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

Acceptable for credit: CSU

Introduction to Digital Art: Fundamental concepts, practices, and theories of digital art production, integration of traditional design, color, and compositional principles with contemporary digital tools such as scanned resources, vector drawing, bitmap painting, and rendering from 3D models. Not open for credit to students who have completed MMART 130.

0614.40

2017–19 Catalog #	Course name	Update/New	2019–20 Catalog#	Course Name
		new	MMART 1	Design Thinking
MMART 110	Scriptwriting and Storyboarding I	update	MMART 110	Scriptwriting & Storyboarding
MMART 130/130L	Introduction to Digital Art / Lab	update	MMART 3	Introduction to Digital Art
MMART 152A/152LA	Motion Graphics / After Effects I / Lab	update	MMART 5A	Introduction to Motion Graphics
MMART 152B/152LB	Motion Graphics / After Effects II / Lab	update	MMART 5B	Intermediate Motion Graphics
MMART 048UA-ZZ	Selected Topics in Multimedia Arts	update	MMART 48UA-ZZ	Selected Topics in Multimedia Arts
MMART 49	Independent Study in Multimedia Arts	update	MMART 49	Independent Study in Multimedia Arts
MMART 122B	From Movies to Multimedia	update	MMART 122B	From Movies to Multimedia
MMART 123	The Documentary Tradition	update	MMART 123	The Art of Documentary Film
MMART 197/197L	Multimedia Portfolio/Sample Reel Development / Lab	update	MMART 197	Multimedia Career Preparation
COPED 468B	Occupational Work Experience in Multimedia Arts	update	MMART 468	Occupational Work Experience in Multimedia Arts

# MULTIMEDIA ARTS

## Animation and Game Design

### Associate in Arts Degree

Berkeley City College's A.A. degree in Animation and Game Design prepares students for entry-level jobs in the game and animation fields and provides upgraded skills for those already employed in multimedia and game jobs. The program is interdisciplinary and focuses on developing artistic, animation, critical thinking and computer skills.

#### Career Opportunities

Medical visualization, game, pre-visualization, game level design, 3D modeling, technical direction, 2D animation, 3D animation, computer graphics special effects, layout design, look development, character/prop/background design, scene planning/compositing, production, environmental/set design, and visual simulation.

#### Required Core Courses for all Multimedia

A.A. degrees:	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. Select 6–7 units.

	Units
MMART 1 Design Thinking	3
MMART 110 Scriptwriting and Storyboarding	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

2017–19 Catalog #	Course Name	Update/New	2019–20 Catalog #	Course Name
MMART 178/178L	Drawing for Animation / Lab	update	MM/AN 1A	Drawing for Animation
MMART 116	Storytelling in Animation	update	MM/AN 1B	Storytelling in Animation
		new	MM/AN 2	History of Animation
MMART 177/177L	Introduction to Animation Principles / Lab	update	MM/AN 3A	Introduction to 2D Animation
MMART 187/187L	Animation Practices I / Lab	update	MM/AN 3B	Intermediate 2D Animation
MMART 186/186L	Introduction to 2D Digital Animation / Lab	update	MM/AN 4	2D Digital Animation
MMART 181/181L	Experimental Animation / Lab	update	MM/AN 10	Experimental Animation
		new	MM/AN 19	Character and creature design
MMART 188	Introduction to 3D Animation I	update	MM/AN 20A	Introduction to 3D Animation
MMART 189	Introduction to 3D Character Animation	update	MM/AN 20B	3D Character Animation
MMART 191	3D Modeling for Animation & Game Design	update	MM/AN 21A	Introduction to 3D Modeling
		new	MM/AN 21B	Intermediate 3D Modeling
MMART 179	Animation Layout and Visual Development	update	MM/AN 22A	3D Layout and Lighting
MMART 180/180L	Animation Special Effects / Lab	update	MM/AN 22B	Special Effects for Animation
MMART 192	3D Rigging for Animation and Game Design	update	MM/AN 23	3D Rigging
		new	MM/AN 24	Performance Animation
MMART 194	2D/3D Animation Production	update	MM/AN 25	Animation Production
MMART 175B	Game Design	update	MM/AN 40A	Introduction to Game Design
MMART 193	Game Design Level Development	update	MM/AN 40B	Game Level Design
MMART 182	Scripting and Programming for Computer Graphics	update	MM/AN 41A	Introduction to Game Scripting
MMART 152C/152LC	Motion Graphics / After Effects III / Lab replacement	replaced	MM/AN 41B	Video Game Development
		new	MM/AN 44	Applications of Virtual and Augmented Reality
		new	MM/AN 50	Career Preparation for Animation and Game Industries
		new	MM/AN 55A and 55B	Animation and Game Studio Practice

# MULTIMEDIA ARTS Mobile and Web

## Mobile and Web Design

### Associate in Arts Degree

Berkeley City College's Multimedia Arts Program in Mobile and Web Design A.A. Degree prepares people for entry-level jobs in the mobile and web design fields and provides upgraded skills for those already employed in multimedia, mobile and web related careers. The program is interdisciplinary and focuses on developing critical thinking, artistic and technical skills.

#### Career Opportunities

Mobile design, Responsive Web Design, Interactive Design, Front End Web Design, Game Design, Digital Marketing, Software Engineering, Creative Technology, Virtual Reality Design, and Social Media Strategy.

Required 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+Lab3	
MM/VI 9A Video Production I: Introduction to Video	4

Core electives choose 6–7 units from the following:

MMART 1 Design Thinking	3
MMART 110 Scriptwriting and Storyboarding	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
Required Major Courses:	
MMART 166+166L User Experience and Interface Design+Lab	3
MMART 168+168L Online Games & Interactivity+Lab3	
MM/MW 2+2L Fundamentals of Graphic Visualization+Lab	3
MM/MW 4A+4LA Social Media Marketing and Data Analytics+Lab	3
List A—Select 3 units from the following:	
MMART 114+114L Data Design for Digital Media+Lab3	
MMART 167+167L Mobile and Cross-Platform Web Design+Lab	3
List B—Select 6 units from the following:	
MMART 162+162L Contemporary Scripting for Games, Mobile and Web+Lab	3
MMART 170+170L Virtual Reality and Digital Spaces+Lab	3
MMART 171+171L Web Commerce & Internet Start Up+Lab	3
Major Requirements	40–41
General Education and Electives	19–20
Total Units	60

## Associate in Arts Degree 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—Animation and Game Design. 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 classes.

Courses	Units
1st semester/Fall	
MM/MW 1A+LA Introduction to Web Design+Lab3	
MM/MW 2+2L Fundamentals of Graphic Visualization+Lab	3
MM/VI 9A Video Production: Introduction to Video	4
Core Elective	3
General Education/Electives	3
Total	16
2nd Semester/Spring	
MMART 166+166L User Experience and Interface Design+Lab	3
List A Elective	3
Core Elective	3
General Education/Elective	5
Total	14

2017–19 Catalog #	Course Name	Update/New	2019–20 Catalog #	Course Name
MMART 164/164L	Introduction to Web Design+Lab	update	MM/MW 1A/1LA	Introduction to Web Design
MMART 167/167L	Mobile and Cross-Platform Web Design+Lab	no change		
MMART 165/165L	Fundamentals of Graphic Visualization+Lab	update	MM/MW 2/2L	Fundamentals of Graphic Visualization
MMART 169/169L	Social & Emergent Media+Lab	update	MM/MW 4A/4LA	Social Media Marketing and Data Analytics
MMART 114/114L	Data Design for Digital Media+Lab	no change		
MMART 166/166L	User Experience and Interface Design+Lab	no change		
MMART 168/168L	Online Games & Interactivity+Lab	no change		
MMART 162/162L	Contemporary Scripting for Games, Mobile and Web+Lab	no change		
MMART 171/171L	Web Commerce & Internet Start Up+Lab	no change		
MMART 170/170L	Virtual Reality and Digital Spaces+Lab	no change		

MMART 468	Occupational Work Experience in Multimedia Arts	1
MM/DI 3+3L	Contemporary Color+Lab	3

MM/DI 4+4L Introduction to Photoshop+Lab3

MM/MW 2+2L Fundamentals of Graphic Visualization+Lab 3

MM/MW4A+4LASocial Media Marketing and Data Analytics+Lab 3

List A—Select 6 units from the following Digital Illustration courses: Units

MMART 5A Introduction to Motion Graphics3

MM/DI 1A+1LA Introduction to Digital Illustration+Lab 3

MM/DI 1B Intermediate Digital Illustration 3

MM/DI 2 Sketching Fundamentals for Design 3

MM/DI 3+3L Contemporary Color+Lab 3

MM/DI 15A Introduction to 3D Motion Graphics 3

List B—Select 6 units from the following Digital Photography courses: Units

MM/DI 4+4L Introduction to Photoshop+ Lab3

MM/DI 20A+20LA

Introduction to Digital Photography+Lab 3

MM/DI 20B+ 20LB

Intermediate Digital Photography+Lab 3

MM/DI 40A+40LA

Introduction to Digital Printing + Lab 3

List C—Select 6 units from the following Digital Printing courses: Credit Hours: (0 Required)

MM/DI 1C Advanced Digital Illustration 3

MM/DI 15B Intermediate 3D Motion Graphics 3

MM/DI 45A+45LA

Digital Printing Studio Practice I+Lab3

MM/DI 45B+45LB

Digital Printing Studio Practice II+Lab 3

MM/DI 46A+46LA

Large Scale Print Studio Practice I+ Lab 3

Major Requirements 37–38

General Education and Electives 22–23

Total: 60

This plan will map their sequence of courses to help them complete their degree regardless of the semester they begin classes.

Course Units

1st Semester/Fall

MMART 3 Introduction to Digital Art 3

MM/AN 40A Game Design 3

MM/VI 9A Video Production 4

Core Elective 1–3

General Education/Electives 3

Total 14–15

2nd Semester/Spring

MM/MW1A+1LAIntroduction to Web Design+Lab 3

Core Elective 3

One course from Area 1: Digital Illustration 3

General Education/Elective 6

Total 15

3rd Semester/Fall

One course from Area 1: Digital Illustration 3

One course from Area 2: Digital Photography 3

One course from Area 3: Digital Printing 3

General Education/Elective 6

Total 15

4th Semester/Spring

One course from Area 2: Digital Photography 3

One course from Area 3: Digital Printing 3

General Education/Elective 9

Total 15

#### Program Learning Outcomes

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

- Demonstrate entry-level skills in digital imagery and design through completed portfolio level projects in both visual and written context.
- Describe, plan and evaluate design principles, aesthetic forms, historical context and social relevance of multimedia works.
- Collaborate effectively within a diverse team environment.

## Digital Imaging: Illustration

### Certificate of Achievement

The Multimedia Certificate of Achievement in Digital Imaging: Illustration prepares students with skills in image creation and visual storytelling as necessary for employment and enrichment.

#### Career Opportunities

Advertising, trade-show exhibitions, marketing image production & display houses.

Required Courses	Units
MM/DI 1A+1LA Introduction to Digital Illustration+Lab	3
MM/DI 2 Sketching Fundamentals for Design	3
MM/DI 3+3L Contemporary Color+ Lab	3
MM/DI 4+4L Introduction to Photoshop+ Lab3	

Illustration Electives Select 8–9 units from below: Units

ART 30 Beginning Figure Drawing: Anatomy 2

ART 46 2-D Visual Design 3

MM/DI 1B Intermediate Digital Illustration 3

MM/DI 1C Advanced Digital Illustration 3

MM/DI 20A+20LA

Introduction to Digital Photography+Lab 3

MM/DI 23+23L

Digital Printing for Photographers+Lab 3

Total: 20–21

Students can use the following pattern to complete a Certificate of Achievement in Multimedia Arts Digital Imaging: Digital Illustration. This is only one possible pattern. If they 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 their sequence of courses to help them complete their degree regardless of the semester they begin classes.

Course Units

1st Semester/Fall

MM/DI 1A+1LA Introduction to Digital Illustration

+ Lab 3

MM/DI 3+3L Contemporary Color+ Lab 3

MM/DI 4+4L Introduction to Photoshop+ Lab 3

Elective 3

2nd Semester/Spring

MM/DI 2 Sketching Fundamental for Design3

Digital Imaging Elective 6

#### Program Learning Outcomes

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

- Demonstrate knowledge of the use of digital multimedia equipment and/or software programs for creating and editing multimedia works in digital imaging.
- Use both traditional and digital art techniques to generate creative solutions to problems and expand and transform imagery and ideas into meaningful multimedia works.
- Evaluate artwork with discernment, appropriate terminology, and aesthetic awareness.

## 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—Digital Imaging. 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.

# 2019–2020 Intersegmental General Education Transfer Curriculum (IGETC)

LEGEND: R=REMAINING IP=IN PROGRESS C=COMPLETED			R	IP	C
<b>AREA 1—ENGLISH COMMUNICATION</b>					
CSU: 1 course from Group A 1 course from Group B 1 course from Group C	UC: 1 course from Group A 1 course from Group B				
Group A: English Composition, 3 Semester (or 4–5 Quarter) Units • ENGL 1A	Group B: Critical Thinking—English Composition, 1 course, 3 Semester (or 4–5 Quarter) Units • COMM 5 • ENGL 5	Group C: Oral Communication (CSU and ADT requirement), 1 course, 3 Semester (or 4–5 Quarter) Units • COMM 3, 4, 20, 45			
<b>AREA 2—MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING</b> 1 course: (3 Semester Units or 4–5 Quarter Units) (^ Transfer credit is limited by either UC or CSU or both. Please consult with a Counselor.)					
Math 1^, 2^, 3A^, 3B^, 3C, 3E^, 3F^, 13, 16A^, 16B^					
<b>AREA 3—ARTS AND HUMANITIES</b> At least 3 courses, with at least one from the Arts and one from the Humanities: 9 Semester (or 12–15 Quarter) Units					
Arts: ART 1, 2, 3, 4, 13, 16, 182(^) ENGL 21 HUMAN 21, 26, 52(*), 53, 182(^) MMART 122B, 123 MUSIC 10, 15A, 15B, 24 WS 52 (*)  (*), (^) Students will receive credit and certification for one course only.	Humanities: ARAB 1B ART 182(*) ASAME 30 ENGL 1B, 17A, 17B, 20, 44B, 47, 50, 85A, 85B, 85C FREN 1B HIST 33  (*), (**) Students will receive credit and certification for one course only.	HUMAN 1, 5, 15, 30A(*), 30B, 40, 46, 55, 57, 182(*) M/LAT 30A, 30B PHIL 1, 2, 16, 20A, 20B, 31A(*), 35(**), 37, 46 PORT 1B SPAN 1B, 2A^, 2B^, 10A, 10B, 38, 39, 40 WS 35(**)			
<b>AREA 4—SOCIAL AND BEHAVIORAL SCIENCES</b> At least 3 courses from at least 2 disciplines or an interdisciplinary sequence: 9 Semester (or 12–15 Quarter) Units (*), (+), (++) , (+++), or (^) Students will receive credit and certification for one course only.					
AFRAM 1, 33 ANTHR 2, 3, 13, 18, 55 ASAME 11 ASL 55A CHDEV 51 COMM 6, 10, 19	ECON 1, 2 ETHST 1, 2 GEOG 2, 3, 18 HIST 1, 2A, 2B, 3A, 3B, 7A, 7B, 8B, 19, 21, 31, 32 HUMAN 55 M/LAT 33	POSCI 1, 2, 3, 4, 6, 12, 19, 20 PSYCH 1A, 6, 10, 21 SOCSC 2 SOC 1, 2, 5, 6, 7, 8, 13, 18 WS 1			
<b>AREA 5—PHYSICAL AND BIOLOGICAL SCIENCES</b> At least 2 courses, one from Physical Science and one from Biological Science; at least one must include a Laboratory (indicated by "L" in parentheses): 7–9 semester (or 9–12 quarter) units.					
Physical Sciences: ASTR 10 CHEM 1A(L), 1B(L), 12A(L), 12B(L), 18(L), 30A(L)^, 30B(L) GEOG 1 (add GEOG 1L to clear lab requirement), 19 GEOL 10 (add GEOL 10L to clear the lab requirement) PHYS 3A (L), 3B (L), 4A(L)^, 4B(L)^, 4C(L)^, 10^ PHYS 20	Biological Sciences: ANTHR 1 (add ANTHR 1L to clear the lab requirement) BIOL 1A(L), 1B(L), 3(L), 10(L)^, 13/13L^, 25^	Laboratory Science: One course shown with (L) in Physical Sciences or Biological Sciences.			

Continues on next page.



## 2019–2020 Intersegmental General Education Transfer Curriculum (IGETC) (cont'd)

LEGEND: R=REMAINING IP=IN PROGRESS C=COMPLETED			R	IP	C
<b>LANGUAGES OTHER THAN ENGLISH (UC REQUIREMENT ONLY)</b> You may demonstrate proficiency as follows: Note: Courses above proficiency level may also be used to meet this requirement and may also be used to clear, if listed, another IGETC area.					
1. Completion of one course (4–5 semester units) at college level, that is considered equivalent to 2 years of high school language, with a grade of "C" or better; OR 2. Completion of two years of high school course work in one language other than English with a grade of "C–" or better (official transcript required); OR 3. Completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English (documentation required); OR	4. Satisfactory score on the College Board Subject Test (formerly SAT II) in a language other than English (see a Counselor for required scores); OR 5. Score of 3 or better on the College Board Advanced Placement Examination in a language other than English; OR	6. Score of 5 or better on the International Baccalaureate Higher Level Examination in a language other than English; OR 7. Satisfactory completion of a proficiency test administered by a community college or university in a language other than English (documentation required).			
Proficiency met by completing one of the following BCC courses	ARAB 1A, 1B, 30A ASL 50, 50AB, 51, 51AB, 52, 52AB, 53, 53AB CHIN 1	FREN 1A, 1B PORT 1A, 1B SPAN 1A, 1B, 2A, 2B, 22A, 22B			
<b>AMERICAN INSTITUTIONS: United States History, Constitution, and American Ideals Requirement</b> (CSU GRADUATION REQUIREMENT ONLY) Note: Courses used to meet this requirement may also be used to satisfy requirement in CSU-GE/Breadth, Area 4, (at the option of the receiving CSU campus), although units are counted once (Please see a counselor for details.)					
Any of the following combinations (two courses) are acceptable:	POSCI 1 AND HIST 7A OR HIST 7B				
IGETC Completed: CSU <input type="checkbox"/> YES UC <input type="checkbox"/> YES	CSU Graduation Requirement American Institutions Completed: <input type="checkbox"/> YES				

## Associate Degree Requirements (cont'd)

Legend: R=Remaining IP=In Progress C=Completed				R	IP	C
<b>AREA 4 – LANGUAGE AND RATIONALITY:</b> One course from each sub area must be completed. Courses in language and rationality are those that help you develop the principles and applications of language toward logical thought, clear and precise expression, and critical evaluation of communication in whatever symbol system you use (AP 4100).						
<b>4a. English Composition</b> One course, 3 semester units minimum (unless otherwise noted) with a grade of "C" or better.  COMM 5 ENGL 1A, 1B, 5 ESOL 52A, 52B	<b>4b. Mathematics</b> (with a grade of "C" or better) May be met by one of the two plans listed below.  <b>Plan I:</b> Completion of one course, 3 semester units minimum (unless otherwise noted) from the following list. MATH 1, 2, 3A, 3B, 3C, 3E, 3F, 13, 16A, 16B, 18, 50, 202, 203, 206, 230  <b>Plan II:</b> Credit by Examination of Mathematics 203 (1) Examination will be offered twice each semester – dates to be announced by Mathematics Dept. (2) Examination may be repeated one time only when grade is less than "C".	<b>4c. Computer Literacy:</b> May be met by one of the two plans listed below:  <b>Plan I:</b> Completion of one course, 1 semester unit minimum from the following list. BUS 24, 102 CIS All courses numbered 1 through 248 with a minimum value of 1 semester unit LIS 80, 85 Previously MMART 130 to 200 was listed. MMART courses have been updated the following to meet Area 4c: MM/AN 1A to 55B MM/DI 1A to 46B+LB MM/MW 1A to 9B MM/VI 1A to 42 <b>Plan II:</b> Credit by Examination of CIS 200 Examination will be offered by the CIS Dept.	<b>4d. Oral or Written Communication, or Literature:</b> One course with a minimum value of 3 semester units. BIOL 32 BUS 19 COMM 3, 4, 5, 6, 10, 19, 20, 45 ENGL All courses numbered 1 through 247+ (except 48s, 49s, 130, and 208). ESOL 50A, 50B, 52A, 52B HIST 33 MMART 109, 110, 113, 120 MM/VI 5, 16			
College: _____ Advanced Placement: _____ Course from Other College: _____						
<b>AREA 5 – ETHNIC STUDIES</b> One course with a minimum value of 3 semester units. Note: Any course listed in Area 5—Ethnic Studies that is also listed in another area may be used to satisfy both areas. However, the units are counted only once.						
AFRAM 1, 33 ANTHR 55 ASAME 11, 30	ENGL 50 ETHST 1, 2 HIST 1, 19, 33	M/LAT 30A, 30B, 33 MUSIC 15A, 15B SOC 5				
College: _____ Advanced Placement: _____ Course from Other College: _____						

# General Education Breadth Requirements

LEGEND: R=REMAINING IP=IN PROGRESS C=COMPLETED				R	IP	C
THOUGH A COURSE MAY BE LISTED IN MORE THAN ONE AREA, IT COUNTS IN FULFILLING ONE AREA ONLY.						
<b>AREA A – ENGLISH LANGUAGE, COMMUNICATION, AND CRITICAL THINKING</b>						
Minimum of 9 semester (or 12–15 quarter) units. One course from each sub-area must be completed with a grade of “C” or better						
<b>A1 – Oral Communication</b> At least one (1) course from the following: • COMM 3, 4, 20, 45 • ESOL 50A	<b>A2 – Written Communication</b> • ENGL 1A	<b>*A3 – Critical Thinking</b> At least one course from the following: • COMM 5 • ENGL 5 • PHIL 10, 11  * For some Engineering majors, exceptions may apply (see a counselor for details).				
College: _____ Advanced Placement: _____ Course from Other College: _____						
<b>AREA B – SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING</b>						
Minimum of 9 semester (or 12–15 quarter) units. One from Physical Sciences (B1), one from Life Sciences (B2), and one from Mathematics/Quantitative Reasoning (B4). One laboratory activity (L) required from either Physical Science or Life Science or ANTHR 1L or GEOG 1L. Math/Quantitative Reasoning (B4) with a grade “C” or better.						
<b>B1 – Physical Science</b> At least one course from the following: ASTR 10, 15 CHEM 1A(L), 1B(L), 12A(L), 12B(L), 18(L), 30A (L), 30B (L) GEOG 1, 18, 19 GEOL 10 PHYS 3A(L), 3B(L), 4A(L), 4B(L), 4C(L), 10 PHYSC 20	<b>B2 – Life Science</b> At least one course from the following: ANTHR 1 BIOL 1A (L), 1B (L), 3 (L), 10 (L), 13, 25, 33 (L), 34 (L)	<b>B3 – Laboratory Activity</b> At least one course from either B1 or B2 with lab activity (L) or one of the following: ANTHR 1L BIOL 13L GEOG 1L GEOL 10L	<b>B4 – Math/Quantitative Reasoning</b> At least one course, with a grade “C” or better, from the following: MATH 1, 2, 3A, 3B, 3C, 3E, 3F, 13, 16A, 16B, 18, 50			
College: _____ Advanced Placement: _____ Course from Other College: _____						
<b>AREA C – ARTS AND HUMANITIES</b>						
Minimum of 9 semester (or 12–15 quarter) units with one course from Arts (C1), one course from Humanities (C2), and one course from either the Arts or Humanities. (*), (**), (+) Students will receive credit and certification for one course only.						
<b>C1 – Arts (Arts, Cinema, Dance, Music, Theater)</b> ART 1, 2, 3, 4, 13, 16, 46, 182(*) ENGL 21 HUMAN 21, 26, 52(+), 53, 57, 182(*) MMART 122B, 123 MUSIC 10, 15A, 15B, 24 WS 52 (+)	<b>C2 – Humanities (Literature, Philosophy, Languages other than English):</b> ARAB 1A, 1B, 30A ART 182 (*) ASAME 30 ASL 50, 50AB, 51, 51AB, 52, 52AB, 53, 53AB CHIN 1 ENGL 1B, 10A, 10B, 17A, 17B, 20, 44B, 47, 50, 71A, 72A, 73A, 85A, 85B, 85C, 91A, 92A, 93A, 99 FREN 1A, 1B  HIST 33 HUMAN 1, 5, 15, 30A(*), 30B, 40, 46(*), 55, 182(*) M/LAT 30A, 30B PHIL 1, 2, 10, 16, 20A, 20B, 31A(*), 35(**), 37, 46(*) PORT 1A, 1B SPAN 1A, 1B, 2A, 2B, 10A, 10B, 22A, 22B, 35A, 35B, 38, 39, 40 WS 35(**)					
College: _____ Advanced Placement: _____ Course from Other College: _____						
<b>AREA D – SOCIAL SCIENCES</b>						
Minimum of 9 semester (or 12–15 quarter) units with courses from at least two different disciplines.						
AFRAM 1, 33 ANTHR 2, 3, 13, 18, 55 ASAME 11 ASL 55A CHDEV 51	COMM 6, 10, 19 ECON 1, 2 ETHST 1, 2 GEOG 2, 3, 18	HIST 1, 2A, 2B, 3A, 3B, 7A, 7B, 8B, 19, 21, 31, 32, 33 HUMAN 55 HUSV 118 M/LAT 33	POSCI 1, 2, 3, 4, 6, 12, 19, 20 PSYCH 1A, 6, 10, 21 SOC 1, 2, 5, 6, 7, 8, 13, 18 SOCSC 2 WS 1			
College: _____ Advanced Placement: _____ Course from Other College: _____						

# University of California, Berkeley Campus

## College of Letters and Sciences: Breadth Requirements (cont'd)

SEVEN-COURSE BREADTH				Legend: R=Remaining IP=In Progress C=Completed	R	IP	C
1 – Arts and Literature: One course							
(*), (^) Students will receive credit for one course only.							
ART 1, 2, 3, 4, 13, 16,182(^) ENGL 10A, 10B, 17A, 17B, 21, 50 85A, 85B, 85C		HIST 33 HUMAN 1, 5, 21, 26, 30B, 52(*), 53, 55, 182(^)		M/LAT 30A, 30B MMART 123	• MUSIC 15A, 15B • SPAN 38, 39, 40 • WS 52(*)		
College: _____		Course from Other College: _____					
2 – Biological Sciences: One course							
ANTHR 1		BIOL 1A, 1B, 3, 10, 13, 25, 33, 34		GEOG 1	PHYS 20		
College: _____		Course from Other College: _____					
3 – Historical Studies: One course							
(^) Students will receive credit for one course only.							
ART 1, 2, 3, 4, 13 ASL 55A, 55B		HIST 1, 2A, 2B, 3A, 3B, 7A, 7B, 8B,19, 21, 31(^),32, 33		HUMAN 55 MMART 123			
College: _____		Course from Other College: _____					
4 – International Studies: One course							
(*) Students will receive credit for one course only.							
ASAME 30		GEOG 3		HIST 31	POSCI 2, 3, 20		
College: _____		Course from Other College: _____					
5 – Philosophy and Values: One course							
(*), (***)Students will receive credit for one course only.							
HUMAN 30A(*), 40		PHIL 1, 2, 10, 16, 20A, 20B, 31A(*),35(**), 37, 46		WS 35(**)			
College: _____		Course from Other College: _____					
6 – Physical Sciences: One course							
ASTR 10 CHEM 1A, 1B, 12A, 12B, 30A, 30B		GEOG 1		PHYS 20	PHYS 3A, 3B, 4A, 4B, 4C, 10		
College: _____		Course from Other College: _____					
7 – Social and Behavioral Sciences: One course							
(*), (+), (++) , (+++), (^) Students will receive credit for one course only.							
AFRAM 1, 33 ANTHR 1, 2, 3, 13,18, 55 ASL 55A, 55B ASAME 30 BUS 10		CHDEV 51 COMM 6, 19 ECON 1, 2 GEOG 2, 3		HIST 1, 2A, 2B, 7A, 7B, 8B, 19, 21, 31(*), 33 HUMAN 5 PHIL 11 POSCI 1, 2, 3, 6, 11(^), 12(*), 20(++)	PSYCH 1A, 6,10, 21, 30 SOC 1, 2, 5, 6(^), 8, 13 SOCSC 2 WS 1(+++)		
College: _____		Course from Other College: _____					
AMERICAN CULTURES REQUIREMENT:							
One course (may be completed prior to transfer)							
• HIST 7A, 7B, 19, 21					• SOC 5		
College: _____		Course from Other College: _____					

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