

PROGRAM OF STUDY

Animation Level I Certificate of Achievement

Berkeley City College

TOP Code: 0614.40

Program Control Number: 16646

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Animation are available at Level I and Level II. The Animation Certificates of Achievement are a comprehensive study of 2D and 3D animation techniques, allowing students to choose from a range of 2D and 3D courses in order to prepare for an entry level position in the industry. 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.

Career Opportunities in

entry level positions in various fields of Animation, Game, Medical Visualization and Simulation as Animators, 3D modelers and pre-visualization artists and preparation for transfer to a 4 year institution.

Required Courses

| | | Units |
|------------|--|--------------|
| MMART 116 | Storytelling in Animation | 3 |
| MMART 177 | Introduction to Animation Principles | 2 |
| MMART 177L | Introduction to Animation Principles Lab | 1 |
| MMART 188 | Introduction to 3D Animation I | 2 |

Choose twelve units from the following:

| | | Units |
|------------|---|--------------|
| MMART 178 | Drawing for Animation | 2 |
| MMART 178L | Drawing for Animation Lab | 1 |
| MMART 179 | Animation Layout and Visual Development | 3 |
| MMART 180 | Animation Special Effects | 2 |
| MMART 180L | Animation Special Effects Lab | 1 |
| MMART 182 | Scripting and Programming for Computer Graphics | 3 |
| MMART 186 | Introduction to 2D Digital Animation | 2 |
| MMART 186L | Introduction to 2D Digital Animation Lab | 1 |
| MMART 187 | Animation Practices I | 2 |
| MMART 187L | Animation Practices I Lab | 1 |
| MMART 191 | 3D Modeling for Animation & Game Design | 3 |

Total Units

20

PID 845

PROGRAM OF STUDY

Animation Level II Certificate of Achievement

Berkeley City College

TOP Code: 0614.40

Program Control Number: 16647

State Approval Date: 01/01/2005

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Animation are available at Level I and Level II. The Animation Certificates of Achievement are a comprehensive study of 2D and 3D animation techniques, allowing students to choose from a range of 2D and 3D courses in order to prepare for an entry level position in the industry. 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.

Career Opportunities in

entry level positions in various fields of animation, game, medical visualization and simulation such as animation, concept arts, production assistance, 3D modeling, pre-visualization arts, 3D rigging, and computer graphics, as well as preparation for transfer to a 4 year institution.

Required Courses

| | | Units |
|-------------|--|-------|
| BUS 054 | Small Business Management | 3 |
| | or | |
| MMART 109 | Writing for the Business of Multimedia | 3 |
| MMART 148B | Sound for Film & Animation | 2 |
| MMART 148LB | Sound for Film & Animation Lab | 1 |
| MMART 194 | 2D/3D Animation Production | 3 |
| MMART 197 | Multimedia Portfolio/Sample Reel Development | 2 |
| MMART 197L | Multimedia Portfolio/Sample Reel Development LAB | 1 |

Choose 6 units from the following:

| | | Units |
|-------------|--|-------|
| BUS 102 | Social Networking Tools for Job Searches | 1 |
| CIS 006 | Introduction to Computer Programming | 5 |
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |
| MMART 152A | Motion Graphics/After Effects I | 2 |
| MMART 152LA | Motion Graphics/After Effects I Lab | 1 |
| MMART 152B | Motion Graphics / After Effects II | 2 |
| MMART 152LB | Motion Graphics/After Effects II Lab | 1 |
| MMART 175B | Game Design | 3 |
| MMART 181 | Experimental Animation | 2 |
| MMART 181L | Experimental Animation Lab | 1 |
| MMART 185A | 3-D Illustration / Cinema 4D I | 2 |
| MMART 185LA | 3-D Illustration / Cinema 4D I Lab | 1 |
| MMART 185B | 3-D Illustration / Cinema 4D II | 2 |
| MMART 185LB | 3-D Illustration / Cinema 4D II Lab | 1 |
| MMART 192 | 3D Rigging for Animation and Game Design | 3 |

Total Units

18

PID 846

PROGRAM OF STUDY

Art A.A. Degree

Berkeley City College

TOP Code: 1002.00

Program Control Number: 1102

State Approval Date: 08/09/2012

Board of Trustees Date: 09/27/2011

Curriculum Committee Approval Date: 04/28/2011

Current Effective Date: 08/01/2015

The Art Department offers both an Associate in Arts Degree and Certificates of Achievement programs. Various required and elective courses focus on individual creative development and provide a broad range of classroom and studio experiences. Art courses fulfill requirements for transfer or prepare you for careers requiring competency in visual media.

Career Opportunities in

Art courses fulfill requirements for transfer or prepare you for careers requiring competency in visual media.

| Required Courses | | Units |
|-------------------------|---|--------------|
| ART 018 | Critique and the Creative Process | 3 |
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 022 | Intermediate Drawing & Composition | 3 |
| ART 025 | Beginning Figure Drawing & Composition | 2 |
| ART 026 | Continuing Figure Drawing & Composition | 2 |
| ART 050 | Beginning Painting | 3 |

| Choose 3 units from the following seven courses. | | Units |
|---|--|--------------|
| ART 001 | Introduction to Art History | 3 |
| ART 002 | History of Western Art from Prehistory through the Middle Ages | 3 |
| ART 003 | History of Western Art from Renaissance to Contemporary Art | 3 |
| ART 004 | History of Modern Art (1800 to Present) | 3 |
| ART 013 | History of Women in Art (19th & 20th Centuries) | 3 |
| ART 016 | Introduction to Islamic Art | 3 |
| ART 182 | Introduction to Visual Culture | 3 |
| or | | |
| HUMAN 182 | Introduction to Visual Culture | 3 |

| Choose a minimum of 6 units from the studio art electives listed below. | | Units |
|--|------------------------------------|--------------|
| ART 024 | Special Projects: Drawing | 2 |
| ART 029 | Special Projects: Figure Drawing | 2 |
| ART 030 | Beginning Figure Drawing: Anatomy | 2 |
| ART 031 | Continuing Figure Drawing: Anatomy | 2 |
| ART 046 | 2-D Visual Design | 3 |
| ART 047 | 3-D Visual Design | 3 |
| ART 052 | Intermediate Painting | 3 |
| ART 054 | Special Projects: Painting | 2 |
| ART 119 | Figure Painting in Context | 3 |
| ART 133A | Mural Design and Creation I | 3 |
| ART 133B | Mural Design and Creation II | 4 |

| | | |
|---------|--|---|
| ART 175 | Studio Art Laboratory | 1 |
| ART 181 | Artist as Citizen: Community-Based Art Practices | 3 |

| | |
|-------------------------------------|--------------|
| Unit Calculation | Units |
| Total Units Required for the Major | 25 |
| General Education and Electives | 35 |
| Total Units Required for the Degree | 60 |

TWO-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete an Associate in Arts degree in Art. This is only one possible pattern. If you 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 your sequence of courses to help you complete your degree regardless of the semester you begin classes.

| | | |
|--|--|--------------|
| 1st Semester/Fall | | Units |
| ART 001 | Introduction to Art History | 3 |
| | or | |
| ART 002 | History of Western Art from Prehistory through the Middle Ages | 3 |
| | or | |
| ART 003 | History of Western Art from Renaissance to Contemporary Art | 3 |
| | or | |
| ART 004 | History of Modern Art (1800 to Present) | 3 |
| | or | |
| ART 013 | History of Women in Art (19th & 20th Centuries) | 3 |
| ART 020 | Beginning Drawing & Composition | 3 |
| General Education or General Electives | | 9 |
| Total Units 1st Semester/Fall | | 15 |

| | | |
|--|--|--------------|
| 2nd Semester/Spring | | Units |
| ART 022 | Intermediate Drawing & Composition | 3 |
| ART 025 | Beginning Figure Drawing & Composition | 2 |
| General Education or General Electives | | 10 |
| Total Units 2nd Semester/Spring | | 15 |

| | | |
|--|---|--------------|
| 3rd Semester/Fall | | Units |
| ART 026 | Continuing Figure Drawing & Composition | 2 |
| ART 050 | Beginning Painting | 3 |
| Art Elective | | 2 |
| General Education or General Electives | | 8 |
| Total Units 3rd Semester/Fall | | 15 |

| | | |
|--|-----------------------------------|--------------|
| 4th Semester/Spring | | Units |
| ART 018 | Critique and the Creative Process | 3 |
| Art Electives | | 4 |
| General Education or General Electives | | 8 |
| Total Units 4th Semester/Spring | | 15 |

| | |
|--------------------|-----------|
| Total Units | 60 |
|--------------------|-----------|

PROGRAM OF STUDY

Art: Figure Studies Certificate of Achievement

Berkeley City College

TOP Code: 1002.10

Program Control Number:

State Approval Date: 08/09/2012

Board of Trustees Date: 09/12/2011

Curriculum Committee Approval Date: 04/28/2011

Berkeley City College's Figure Studies Certificate prepares people for entry-level jobs in Illustration, Multimedia, Gaming, Mobile Technology and other industries that rely on creating and rendering the figure. Upon completion of the certificate you will have a strong foundation in both traditional and contemporary approaches to the figure.

Career Opportunities in

Berkeley City College's Figure Studies Certificate prepares people for entry-level jobs in Illustration, Multimedia, Gaming, Mobile Technology and other industries that rely on creating and rendering the figure.

Required Courses

| | | Units |
|------------|--|-------|
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 025 | Beginning Figure Drawing & Composition | 2 |
| ART 029 | Special Projects: Figure Drawing | 2 |
| ART 030 | Beginning Figure Drawing: Anatomy | 2 |
| ART 119 | Figure Painting in Context | 3 |
| MMART 178 | Drawing for Animation | 2 |
| MMART 178L | Drawing for Animation Lab | 1 |

Choose one course from the following art history electives:

| | | Units |
|-----------|--|-------|
| ART 001 | Introduction to Art History | 3 |
| ART 002 | History of Western Art from Prehistory through the Middle Ages | 3 |
| ART 003 | History of Western Art from Renaissance to Contemporary Art | 3 |
| ART 004 | History of Modern Art (1800 to Present) | 3 |
| ART 013 | History of Women in Art (19th & 20th Centuries) | 3 |
| ART 182 | Introduction to Visual Culture | 3 |
| HUMAN 182 | Introduction to Visual Culture | 3 |

Choose 4 to 5 units from the following studio art electives:

| | | Units |
|-------------|------------------------------------|-------|
| ART 018 | Critique and the Creative Process | 3 |
| ART 024 | Special Projects: Drawing | 2 |
| ART 031 | Continuing Figure Drawing: Anatomy | 2 |
| ART 054 | Special Projects: Painting | 2 |
| ART 133A | Mural Design and Creation I | 3 |
| ART 133B | Mural Design and Creation II | 4 |
| ART 175 | Studio Art Laboratory | 1 |
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |

Total Units Required for Certificate: 22 to 23 Units

TWO-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete a Certificate of Achievement in Art. 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.

| | | Units |
|---------------------------------|--|----------------|
| 1st Semester/Fall | | |
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 025 | Beginning Figure Drawing & Composition | 2 |
| Total Units 1st Semester/Fall | | 5 |
| | | |
| 2nd Semester/Spring | | Units |
| Elective | | 4 - 5 |
| ART 030 | Beginning Figure Drawing: Anatomy | 2 |
| Total Units 2nd Semester/Spring | | 6 - 7 |
| | | |
| 3rd Semester/Fall | | Units |
| ART 029 | Special Projects: Figure Drawing | 2 |
| MMART 178 | Drawing for Animation | 2 |
| MMART 178L | Drawing for Animation Lab | 1 |
| Total Units 3rd Semester/Fall | | 5 |
| | | |
| 4th Semester/Spring | | Units |
| ART 119 | Figure Painting in Context | 3 |
| History Elective | | 3 |
| Total Units 4th Semester/Spring | | 6 |
| | | |
| Total Units | | 22 - 23 |

PROGRAM OF STUDY

Biology AS-T Degree

Berkeley City College

TOP Code: 0401.00

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

The Associate of Science Degree for Transfer (AS-T) in Biology is designed for students who plan to transfer to a four-year institution as biology majors. In this program, they gain exposure to the six main topics of biology (cell, molecular, organismal biology, and evolution and ecology). Students who successfully complete the AS-T in Biology 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 biology 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 the following: (1) The Intersegmental General Education Transfer Curriculum (IGETC for STEM) Breadth Requirements (31 units) and (2) 39-40 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 (12 units of the 39-40 units can be counted double). Students are advised to consult with a Berkeley City College counselor for additional information and to verify transfer requirements.

Career Opportunities in

This program provides a sequential course of study that prepares students for transfer to four-year institutions with a Biology major or acquisition of Biology proficiency necessary for career fields that emphasize the value of familiarity with biology. This program prepares students to entry level biological lab positions.

| Required Courses | | Units |
|-------------------------|-------------------|--------------|
| BIOL 001A | General Biology | 5 |
| BIOL 001B | General Biology | 5 |
| CHEM 001A | General Chemistry | 5 |
| CHEM 001B | General Chemistry | 5 |
| MATH 003A | Calculus I | 5 |
| PHYS 003A | General Physics | 5 |
| PHYS 003B | General Physics | 5 |

| Select one of the following: (4-5 units) | | Units |
|---|---------------------------------------|--------------|
| BIOL 003 | Microbiology | 5 |
| CHEM 012A | Organic Chemistry | 5 |
| CHEM 012B | Organic Chemistry | 5 |
| CHEM 030B | Introductory Organic and Biochemistry | 4 |

| Unit Calculation | | Units |
|---------------------------------|--|--------------|
| Major Requirements | | 39 - 40 |
| General Education and Electives | | 20 - 21 |

****Please note that students can only take the IGETC for Stem as the GE pattern for this program.*

Total Units

60

PID 834

PROGRAM OF STUDY

Creative Writing/Fiction Certificate of Achievement

Berkeley City College

TOP Code: 1501.10

Program Control Number: 11676

State Approval Date: 01/01/1993

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Students who complete the the Certificate of Achievement in Creative Writing/Fiction learn expressive and linguistic skills that apply to writing of fiction as well as other types of writing, including fiction, non-fiction, and professional prose.

Career Opportunities in

XXX

Required Courses (ENGL 10A or 70A) and (ENGL 71A, 72A, 73A, and 74)

| | | |
|-----------|--|---|
| ENGL 010A | Creative Writing | 3 |
| | or | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| ENGL 071A | Introduction to Fiction Writing | 3 |
| ENGL 072A | Intermediate Fiction Writing | 3 |
| ENGL 073A | Intensive Fiction Writing | 3 |
| ENGL 074 | Fiction: Special Projects | 3 |

Literature electives--Select 6-8 units from the following:

| | | | |
|-----------|---|---|--------------|
| ENGL 017A | Shakespeare | 3 | Units |
| | or | | |
| ENGL 017B | Shakespeare | 3 | |
| ENGL 047 | Children's Literature | 3 | |
| ENGL 085A | Literature in English Through Milton | 4 | |
| ENGL 085B | Literature in English: Late 17th Through Mid-19th Century | 4 | |
| ENGL 085C | Literature in English: Mid-19th Through the 20th Century | 4 | |

Writing electives--Select 3 units from the following:

| | | | |
|-----------|--|---|--------------|
| ENGL 010B | Creative Writing | 3 | Units |
| ENGL 014 | Non-Fiction Writing | 3 | |
| ENGL 015 | Non-Fiction: Special Projects | 3 | |
| ENGL 070B | Transforming Autobiography into Creative Writing | 3 | |
| ENGL 086 | Introduction to Playwriting and Screenwriting | 3 | |
| ENGL 087 | Intermediate Playwriting and Screenwriting | 3 | |
| ENGL 091A | Introduction to Poetry Writing | 3 | |
| ENGL 092A | Intermediate Poetry Writing | 3 | |

Two-Year Course Sequence Beginning in the Fall Semester

You can use the following pattern to complete a Certificate of Achievement in creative writing/fiction. 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.

| | | Units |
|----------------------------|--|----------------|
| 1st Semester/Fall | | |
| ENGL 010A | Creative Writing | 3 |
| or | | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| ENGL 071A | Introduction to Fiction Writing | 3 |
| 2nd Semester/Spring | | |
| ENGL 072A | Intermediate Fiction Writing | 3 |
| Literature Elective | | 3 - 4 |
| 3rd Semester/Fall | | |
| ENGL 073A | Intensive Fiction Writing | 3 |
| Writing Elective | | 3 |
| 4th Semester/Spring | | |
| ENGL 074 | Fiction: Special Projects | 3 |
| Literature Elective | | 3 - 4 |
| Total Units | | 24 - 26 |

PROGRAM OF STUDY

Creative Writing/Playwriting and Screenwriting Certificate of Proficiency

Berkeley City College

TOP Code: 1501.10

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

Students who complete the Certificate of Proficiency in Creative Writing/Playwriting and Screenwriting learn skills in development of screenplays and plays, from development to performance.

Career Opportunities in

XXX

Required Courses

| | | |
|--|--|---|
| ENGL 010A | Creative Writing | 3 |
| | or | |
| ENGL 010B | Creative Writing | 3 |
| | and | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| | or | |
| ENGL 070B | Transforming Autobiography into Creative Writing | 3 |
| ENGL 086 | Introduction to Playwriting and Screenwriting | 3 |
| ENGL 088 | Intensive Playwriting and Screenwriting | 3 |
| ENGL 87 Intermediate Playwriting and Screenwriting | | 3 |
| ENGL 089 | Playwriting and Screenwriting: Special Projects | 3 |

Two-Year Course Sequence Beginning in the Fall Semester

You can use the following pattern to complete a Certificate of Proficiency in Creative Writing/Playwriting and Screenwriting. 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.

| | | |
|--|--|--------------|
| 1st Semester/Fall | | Units |
| ENGL 010A | Creative Writing | 3 |
| | or | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| ENGL 086 | Introduction to Playwriting and Screenwriting | 3 |
| 2nd Semester/Spring | | Units |
| ENGL 87 Intermediate Playwriting and Screenwriting | | 3 |
| 3rd Semester/Fall | | Units |
| ENGL 088 | Intensive Playwriting and Screenwriting | 3 |
| ENGL 089 | Playwriting and Screenwriting: Special Projects | 3 |
| 4th Semester/Spring | | Units |

Total Units

15 - 18

PID 872

PROGRAM OF STUDY

Creative Writing/Poetry Certificate of Achievement

Berkeley City College

TOP Code: 1501.00

Program Control Number: 11677

State Approval Date: 01/01/1993

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Students who complete the the Certificate of Achievement in Creative Writing/Poetry learn expressive and linguistic skills that apply to writing of poetry as well as other types of writing, including fiction, non-fiction, and professional prose.

Career Opportunities in

XXX

Required Courses

| | | |
|---|--|-------|
| ENGL 010A | Creative Writing | 3 |
| | or | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| ENGL 091A | Introduction to Poetry Writing | 3 |
| ENGL 092A | Intermediate Poetry Writing | 3 |
| ENGL 093A | Intensive Poetry Writing | 3 |
| ENGL 094 | Poetry: Special Projects | 3 |
| Literature Electives (see choices for Creative Writing/Fiction) | | 6 - 8 |
| Writing Electives (see choices for Creative Writing/Fiction) | | 3 |

Literature electives—Select 6-8 units from the following:

| | | |
|-----------|---|---|
| ENGL 017A | Shakespeare | 3 |
| | or | |
| ENGL 017B | Shakespeare | 3 |
| ENGL 047 | Children's Literature | 3 |
| ENGL 085A | Literature in English Through Milton | 4 |
| ENGL 085B | Literature in English: Late 17th through Mid-19th Century | 4 |
| ENGL 085C | Literature in English: Mid 19th through the 20th Century | 4 |

Writing electives—Select 3 units from the following:

| | | |
|-----------|--|---|
| ENGL 010B | Creative Writing | 3 |
| ENGL 070B | Transforming Autobiography into Creative Writing | 3 |
| ENGL 071A | Introduction to Fiction Writing | 3 |
| ENGL 072A | Intermediate Fiction Writing | 3 |
| ENGL 086 | Introduction to Playwriting and Screenwriting | 3 |
| ENGL 087 | Intermediate Playwriting and Screenwriting | 3 |

Two-Year Course Sequence Beginning in the Fall Semester

You can use the following pattern to complete a Certificate of Achievement in creative writing/poetry. 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.

| | | Units |
|----------------------------|--|----------------|
| 1st Semester/Fall | | |
| ENGL 010A | Creative Writing | 3 |
| or | | |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| ENGL 091A | Introduction to Poetry Writing | 3 |
| 2nd Semester/Spring | | |
| ENGL 092A | Intermediate Poetry Writing | 3 |
| Literature Elective | | 3 - 4 |
| 3rd Semester/Fall | | |
| ENGL 093A | Intensive Poetry Writing | 3 |
| Writing Elective | | 3 |
| 4th Semester/Spring | | |
| ENGL 094 | Poetry: Special Projects | 3 |
| Literature Elective | | 3 - 4 |
| Total Units | | 24 - 26 |

PROGRAM OF STUDY

English Language/Writing A.A. Degree

Berkeley City College

TOP Code: 1501.00

Program Control Number: 9065

State Approval Date: 01/01/1993

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Berkeley City College A.A. in English Language/Writing serves students with diverse goals, including transfer and development of strong skills in creative and/or expository writing. This degree prepares students for transfer, leading to careers in education, law, business, and all fields in which analysis and communication are valued.

Career Opportunities in

xxx

| Required Courses | | Units |
|--|---|--------------|
| ENGL 001A | Composition and Reading | 4 |
| ENGL 001B | Composition & Reading | 4 |
| Literature Electives—Select 3-4 units from the following: | | Units |
| ENGL 017A | Shakespeare | 3 |
| | or | |
| ENGL 017B | Shakespeare | 3 |
| ENGL 020 | Introduction to Dramatic Literature | 3 |
| ENGL 047 | Children's Literature | 3 |
| ENGL 050 | Multicultural American Literature | 3 |
| ENGL 085A | Literature in English Through Milton | 4 |
| ENGL 085B | Literature in English: Late 17th Through Mid-19th Century | 4 |
| ENGL 085C | Literature in English: Mid-19th Through the 20th Century | 4 |
| Writing Electives—Select 12 units from the following: | | Units |
| ENGL 005 | Critical Thinking in Reading and Writing | 3 |
| ENGL 010A | Creative Writing | 3 |
| | or | |
| ENGL 010B | Creative Writing | 3 |
| ENGL 014 | Non-Fiction Writing | 3 |
| ENGL 015 | Non-Fiction: Special Projects | 3 |
| ENGL 070A | Transforming Autobiography into Creative Writing | 3 |
| | or | |
| ENGL 070B | Transforming Autobiography into Creative Writing | 3 |
| ENGL 071A | Introduction to Fiction Writing | 3 |
| ENGL 072A | Intermediate Fiction Writing | 3 |
| ENGL 073A | Intensive Fiction Writing | 3 |
| ENGL 074 | Fiction: Special Projects | 3 |
| ENGL 086 | Introduction to Playwriting and Screenwriting | 3 |
| ENGL 87 Intermediate to | Playwriting and Screenwriting | 3 |
| ENGL 088 | Intensive Playwriting and Screenwriting | 3 |

| | | |
|-----------|---|---|
| ENGL 089 | Playwriting and Screenwriting: Special Projects | 3 |
| ENGL 091A | Introduction to Poetry Writing | 3 |
| ENGL 092A | Intermediate Poetry Writing | 3 |
| ENGL 093A | Intensive Poetry Writing | 3 |
| ENGL 094 | Poetry: Special Projects | 3 |

| | | |
|---------------------------------|--|--------------|
| Unit calculation | | Units |
| Major Requirements | | 8 |
| Writing Electives | | 12 |
| Literature Electives | | 3 - 4 |
| General Education and Electives | | 36 - 37 |

Two-Year Course Sequence Beginning in the Fall Semester
 You can use the following pattern to complete an Associate in Arts degree in English lanugage/Writing. 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.

| | | |
|--------------------------|-------------------------|--------------|
| 1st Semester/Fall | | Units |
| ENGL 001A | Composition and Reading | 4 |
| Literature Elective | | 3 - 4 |

| | | |
|----------------------------|-----------------------|--------------|
| 2nd Semester/Spring | | Units |
| ENGL 001B | Composition & Reading | 4 |
| Writing Elective | | 3 |

| | | |
|--------------------------|--|--------------|
| 3rd Semester/Fall | | Units |
| Writing Elective | | 6 |

| | | |
|----------------------------|--|--------------|
| 4th Semester/Spring | | Units |
| Writing Elective | | 3 |

| | | |
|--------------------|--|-----------|
| Total Units | | 60 |
|--------------------|--|-----------|

PROGRAM OF STUDY

Film, Television, and Electronic Media AS-T Degree

Berkeley City College

TOP Code: 0604.20

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

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 Intersegmental 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 in

film & video production, editing, motion graphics, audio recording and sound design, cinematography, documentary production, narrative filmmaking, and film criticism.

Required Courses

| | | Units |
|-------------|-----------------------------------|-------|
| HUMAN 021 | Film: Art and Communication | 3 |
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 148A | Sound Recording and Editing | 2 |
| MMART 148LA | Sound Recording and Editing Lab | 1 |

List A: Select 3 units from the following

| | | Units |
|------------|--|-------|
| MMART 141A | Video Production I | 3 |
| MMART 141B | Video Production II: Directing & Producing | 3 |

List B: Select 3 units from the following

| | | Units |
|-------------|--------------------------------------|-------|
| MMART 142 | Visual Storytelling & Cinematography | 3 |
| MMART 150A | Video Editing I | 2 |
| MMART 150LA | Video Editing I Lab | 1 |
| MMART 150B | Video Editing II | 2 |
| MMART 150LB | Video Editing II Lab | 1 |
| MMART 150C | Video Editing III | 2 |
| MMART 150LC | Video Editing III Lab | 1 |

List C: Select 3 units from the following or any 3-unit course not used from List A or B

| | | Units |
|-------------|---|-------|
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 |
| MMART 152A | Motion Graphics/After Effects I | 2 |
| MMART 152LA | Motion Graphics/After Effects I Lab | 1 |

Unit Calculation

| | Units |
|--------------------|-------|
| Major Requirements | 18 |

General Education and Electives

42

Total Units

60

PID 861

PROGRAM OF STUDY

Game Design Level I Certificate of Achievement

Berkeley City College

TOP Code: 0614.20

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

The Multimedia Arts Certificates of Achievement in Game Design are available at Level I and Level II. The Level I Certificate of Achievement in Game Design provides introductory technical training in game design and programming techniques, allowing students to prepare for an entry level position in the industry. 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.

Career Opportunities in

medical visualization, pre-visualization, game level design, technical direction, environmental/set design, visual simulation.

Required Courses

| | | Units |
|------------|---|--------------|
| CIS 006 | Introduction to Computer Programming | 5 |
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |
| MMART 175B | Game Design | 3 |
| MMART 179 | Animation Layout and Visual Development | 3 |
| MMART 182 | Scripting and Programming for Computer Graphics | 3 |
| MMART 191 | 3D Modeling for Animation & Game Design | 3 |

Total Units

20

PID 847

PROGRAM OF STUDY

Game Design Level II Certificate of Achievement

Berkeley City College

TOP Code: 0614.20

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Game Design are available at Level I and Level II. The Level II Certificate of Achievement in Game Design provides comprehensive technical training in game design and programming techniques, allowing students to prepare for an entry level position in the industry. 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.

Career Opportunities in

entry level positions in various fields of Game, Medical Visualization and Simulation industries as level designers and technical artists, production assistants and prepare students for transfer to a 4 year institution.

Required Courses

| | | Units |
|------------|--|--------------|
| CIS 023 | C# Programming | 4 |
| CIS 036A | Java Programming Language I | 4 |
| MMART 109 | Writing for the Business of Multimedia | 3 |
| | or | |
| BUS 054 | Small Business Management | 3 |
| MMART 193 | Game Design Level Development | 3 |
| MMART 197 | Multimedia Portfolio/Sample Reel Development | 2 |
| MMART 197L | Multimedia Portfolio/Sample Reel Development LAB | 1 |

Select 1-3 units from the from the following:

| | | Units |
|------------|--|--------------|
| BUS 102 | Social Networking Tools for Job Searches | 1 |
| MMART 167 | Mobile and Cross-Platform Web Design | 2 |
| MMART 167L | Mobile and Cross-Platform Web Design | 1 |
| MMART 179 | Animation Layout and Visual Development | 3 |
| MMART 191 | 3D Modeling for Animation & Game Design | 3 |
| MMART 192 | 3D Rigging for Animation and Game Design | 3 |

Total Units

18 - 20

PID 848

PROGRAM OF STUDY

Imaging (Information Graphics & Digital Design) Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

There are two Multimedia Arts Certificates of Achievement in Imaging, one in Photography and Printmaking, and another in Information Graphics and Digital Design. The Certificate of Achievement Imaging (Information Graphics & Digital Design) provides skills in artistic digital design, information theory, data analysis and processing, information graphics design, interactive media, user experience testing, and an iteratively appraising graphical quality and content with an emphasis on flexibility for media output display. 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.

Career Opportunities in

technical publication editing, data visualization and analysis, information graphic design, new media marketing, medical visualization.

Required Courses

| | | Units |
|------------|---|--------------|
| MMART 114 | Data Design for Digital Media | 2 |
| MMART 114L | Data Design for Digital Media Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| MMART 166 | User Experience and Interface Design | 2 |
| MMART 166L | User Experience and Interface Design Lab | 1 |
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |
| MMART 228C | Intro to InDesign Desktop Publishing | 2 |

Select 6 units from the following:

| | | Units |
|-------------|--|--------------|
| MMART 171 | Web Commerce & Internet Start Up | 2 |
| MMART 171L | Web Commerce & Internet Start Up Lab | 1 |
| MMART 196A | Art Marketing and Portfolio Management | 2 |
| MMART 196LA | Art Marketing and Portfolio Management LAB | 1 |
| MMART 197 | Multimedia Portfolio/Sample Reel Development | 2 |
| MMART 197L | Multimedia Portfolio/Sample Reel Development LAB | 1 |

Total Units

20

PID 866

PROGRAM OF STUDY

Imaging (Photography & Printmaking) Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number: 11744

Current Effective Date: 01/01/2016

There are two Multimedia Arts Certificates of Achievement in Imaging, one in Photography and Printmaking, and another in Information Graphics and Digital Design. The Certificate of Achievement in Imaging (Photography & Printmaking) provides skills in photography, studio production, professional image editing, various print media, design aesthetics, and professional imaging presentation skills. 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.

Career Opportunities in

studio photography, pre-processing, digital marketing, digital design, advertising, pre-press and press production, and independent printmaking.

| Required Courses | | Units |
|-------------------------|--|--------------|
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |
| MMART 132A | Illustrator I | 2 |
| MMART 132LA | Illustrator I Lab | 1 |
| MMART 133A | Digital Photography I | 2 |
| MMART 133LA | Digital Photography I Lab | 1 |
| MMART 134A | Digital Printmaking I | 2 |
| MMART 134LA | Digital Printmaking I Lab | 1 |
| MMART 135A | Advanced Practices for Digital Printmaking I | 2 |
| MMART 135LA | Advanced Practices for Digital Printmaking I Lab | 1 |
| MMART 137A | Applications of Large Scale Print I | 2 |
| MMART 137LA | Applications of Large Scale Print I Lab | 1 |

Total Units

18

PID 865

PROGRAM OF STUDY

Liberal Arts with an emphasis in Arts and Humanities A.A. Degree

Berkeley City College

TOP Code: 4901.00

Program Control Number: 19267

State Approval Date: 01/01/2009

Board of Trustees Date: 05/14/2013

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The A.A. 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 in focus. In all cases, you should consult with a counselor to develop your own program of study.

Complete 18 units from the following list of courses:

| | Units |
|--|--------------|
| AFRAM 1 Introduction to African-American Studies | 3 |
| ANTHR 018 Introduction to Anthropological Linguistics | 3 |
| ART 001 Introduction to Art History | 3 |
| ART 002 History of Western Art from Prehistory through the Middle Ages | 3 |
| ART 003 History of Western Art from Renaissance to Contemporary Art | 3 |
| ART 004 History of Modern Art (1800 to Present) | 3 |
| ART 013 History of Women in Art (19th & 20th Centuries) | 3 |
| ART 016 Introduction to Islamic Art | 3 |
| ART 020 Beginning Drawing & Composition | 3 |
| ART 022 Intermediate Drawing & Composition | 3 |
| ART 046 2-D Visual Design | 3 |
| ART 047 3-D Visual Design | 3 |
| ART 050 Beginning Painting | 3 |
| ART 052 Intermediate Painting | 3 |
| ART 182 Introduction to Visual Culture | 3 |
| ASAME 030 Asians and Asian-Americans Through Films | 3 |
| COMM 019 Survey of Mass Media | 3 |
| ENGL 001B Composition & Reading | 4 |
| ENGL 017A Shakespeare | 3 |
| ENGL 017B Shakespeare | 3 |
| ENGL 021 Film: Art and Communication | 3 |
| ENGL 047 Children's Literature | 3 |
| ENGL 050 Multicultural American Literature | 3 |
| ENGL 085A Literature in English Through Milton | 4 |
| ENGL 085B Literature in English: Late 17th Through Mid-19th Century | 4 |
| ENGL 085C Literature in English: Mid-19th Through the 20th Century | 4 |
| HIST 002A History of European Civilization | 3 |
| HIST 002B History of European Civilization | 3 |
| HIST 003A World History to 1500 | 3 |
| HIST 003B Modern World History: 1500-Present | 3 |
| HIST 033 History of Native American Thought and Literature | 3 |
| HIST 043 Berkeley History | 1 |

| | | |
|------------|--|---|
| HUMAN 001 | Introduction to Humanities | 3 |
| HUMAN 005 | Storytelling in American Culture | 3 |
| HUMAN 015 | Popular Culture | 3 |
| HUMAN 021 | Film: Art and Communication | 3 |
| HUMAN 026 | Global Cinema | 4 |
| HUMAN 030A | Human Values/Ethics | 3 |
| HUMAN 030B | Human Values/Aesthetics | 3 |
| HUMAN 040 | Religions of the World | 3 |
| HUMAN 046 | Philosophy of the Human Experience | 3 |
| HUMAN 052 | Women and Cinema | 4 |
| HUMAN 053 | Comparative Film Genres | 4 |
| HUMAN 055 | The Representation of Immigration in Cinema and Television | 4 |
| HUMAN 182 | Introduction to Visual Culture | 3 |
| M/LAT 030A | Survey of Latin-American Films | 3 |
| M/LAT 030B | Survey of Latin-American Films | 3 |
| MUSIC 015A | Jazz, Blues and Popular Music in the American Culture | 3 |
| MUSIC 015B | Jazz, Blues and Popular Music in the American Culture | 3 |
| MMART 123 | The Documentary Tradition | 3 |
| PHIL 001 | Introduction to Philosophy | 3 |
| PHIL 002 | Social and Political Philosophy | 3 |
| PHIL 011 | Formal Logic | 3 |
| PHIL 016 | Buddhist Philosophy | 3 |
| PHIL 020A | History of Ancient Greek Philosophy | 3 |
| PHIL 020B | History of Modern European Philosophy | 3 |
| PHIL 031A | Human Values/Ethics | 3 |
| PHIL 035 | Feminist Philosophy | 3 |
| PHIL 037 | Introduction to Asian Philosophy | 3 |
| PHIL 046 | Philosophy of the Human Experience | 3 |
| SPAN 001A | Elementary Spanish I | 5 |
| SPAN 001B | Elementary Spanish II | 5 |
| SPAN 002A | Intermediate Spanish I | 5 |
| SPAN 002B | Intermediate Spanish II | 5 |
| SPAN 022A | Spanish for Bilingual Speakers I | 5 |
| SPAN 022B | Spanish for Bilingual Speakers II | 5 |
| SPAN 038 | Latin American Literature | 3 |
| SPAN 039 | Latin American Novel | 3 |
| WS 035 | Feminist Philosophy | 3 |
| WS 52 | Women and Cinema | 3 |

Students must receive a minimum grade of "C" or better in all required core courses and electives in order to qualify for the degree. Students wishing to transfer to the UC or CSU system need to meet with a counselor to develop a transfer plan which addresses all general education and lower-division transfer requirements.

Total Units

18

PID 549

PROGRAM OF STUDY

Liberal Arts with an Emphasis in Social and Behavioral Sciences A.A. Degree

Berkeley City College

TOP Code: 4903.30

Program Control Number: 18597

State Approval Date: 01/01/2008

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The A.A. in Liberal Arts with an emphasis in 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 their own program of study.

Complete 18 Units from the Following List of Courses:

| | Units |
|--|--------------|
| AFRAM 1 Introduction to African-American Studies | 3 |
| AFRAM 033 The Roots of Black American Culture | 3 |
| ANTHR 001 Introduction to Physical Anthropology | 3 |
| ANTHR 001L Introduction to Physical Anthropology Lab | 1 |
| ANTHR 002 Introduction to Archaeology and Prehistory | 3 |
| ANTHR 003 Introduction to Social and Cultural Anthropology | 3 |
| ANTHR 013 Urban Anthropology | 3 |
| ANTHR 018 Introduction to Anthropological Linguistics | 3 |
| ANTHR 055 Native American Cultures | 3 |
| ASAME 030 Asians and Asian-Americans Through Films | 3 |
| ASL 055A History and Culture of Deaf People in America I | 3 |
| ASL 055B History and Culture of Deaf People in America II | 3 |
| BUS 005 Human Relations in Business | 3 |
| CHDEV 051 Child Growth and Development | 3 |
| COMM 006 Intercultural Communication | 3 |
| COMM 019 Survey of Mass Media | 3 |
| ECON 001 Principles of Economics (Macro Economics) | 3 |
| ECON 002 Principles of Economics (Micro-Economics) | 3 |
| EDUC 001 Introduction to the Field of Education | 3 |
| ETHST 001 Introduction to Ethnic Studies | 3 |
| GEOG 002 Cultural Geography | 3 |
| GEOG 003 World Regional Geography | 3 |
| HIST 001 American Indian History and Culture | 3 |
| HIST 002A History of European Civilization | 3 |
| HIST 002B History of European Civilization | 3 |
| HIST 003A World History to 1500 | 3 |
| HIST 003B Modern World History: 1500-Present | 3 |
| HIST 007A History of the United States | 3 |
| HIST 007B History of the United States | 3 |
| HIST 008B History of Latin-American Civilization | 3 |
| HIST 010B History of Africa since 1750 | 3 |
| HIST 019 History of California | 3 |
| HIST 021 U.S. Women: A Social History | 3 |
| HIST 023 Global Perspectives | 3 |
| HIST 031 Contemporary Middle East: Politics of Nationalism | 3 |

| | | |
|------------|--|---|
| HIST 032 | The United States Since 1945 | 3 |
| HIST 033 | History of Native American Thought and Literature | 3 |
| HIST 038 | Current World Problems | 3 |
| HUMAN 055 | The Representation of Immigration in Cinema and Television | 4 |
| M/LAT 030A | Survey of Latin-American Films | 3 |
| M/LAT 030B | Survey of Latin-American Films | 3 |
| POSCI 001 | Government and Politics in the United States | 3 |
| POSCI 002 | Comparative Government | 3 |
| POSCI 003 | International Relations | 3 |
| POSCI 004 | Political Theory | 3 |
| POSCI 006 | The U.S. Constitution and Criminal Due Process | 3 |
| POSCI 011 | Comparative Social Movements Since the 1960s | 3 |
| POSCI 012 | Contemporary Middle East: Politics of Nationalism | 3 |
| POSCI 020 | Current World Problems | 3 |
| PSYCH 001A | Introduction to General Psychology | 3 |
| PSYCH 006 | Social Psychology | 3 |
| PSYCH 010 | Psychology and Life: Basic Principles | 3 |
| PSYCH 021 | Lifespan Human Development | 3 |
| PSYCH 028 | Introduction to Research Methods in Psychology | 3 |
| SOCSC 001 | Introduction to Women's Studies | 3 |
| SOCSC 002 | Introduction to Diversity Issues | 3 |
| SOCSC 003 | Comparative Social Movements Since the 1960s | 3 |
| SOC 001 | Introduction to Sociology | 3 |
| SOC 002 | Social Problems | 3 |
| SOC 005 | Minority Groups | 3 |
| SOC 006 | Comparative Social Movements Since the 1960s | 3 |
| SOC 007 | Sociology of Gender | 3 |
| SOC 008 | Crime and Deviance | 3 |
| SOC 013 | Sociology of the Family | 3 |
| SOC 120 | Introduction to Research Methods | 3 |
| WS 001 | Introduction to Women's Studies | 3 |

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.

Total Units

18

PID 548

PROGRAM OF STUDY

Mobile and Web Design Level I Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number: 11961

State Approval Date: 01/01/2000

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Mobile and Web are available at Level I and Level II. The Level I Certificate of Achievement in Mobile and Web provides foundational skills in mobile design, web design, UI/UX design, interactive design, aesthetic visualization, project collaboration, and server-side web management. It emphasizes team-building skills, integration with software platforms, interactive applications, modular design, mobile and web frameworks. 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.

Career Opportunities in

UI/UX design, social media strategy, digital marketing, interactive design, and front end web design.

Required Courses

| | | Units |
|------------|---|--------------|
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| MMART 166 | User Experience and Interface Design | 2 |
| MMART 166L | User Experience and Interface Design Lab | 1 |
| MMART 167 | Mobile and Cross-Platform Web Design | 2 |
| MMART 167L | Mobile and Cross-Platform Web Design | 1 |
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |

Total Units

18

PID 853

PROGRAM OF STUDY

Mobile and Web Design Level II Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number: 11962

State Approval Date: 01/01/2000

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Mobile and Web are available at Level I and Level II. The Level II Certificate of Achievement in Mobile and Web provide information and practice with advanced techniques in mobile, interactive, and web design. Advanced skills attributed to a front-end web and mobile developer, client-side management, and professional work environments. 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.

Career Opportunities in

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 114 | Data Design for Digital Media | 2 |
| MMART 114L | Data Design for Digital Media Lab | 1 |
| MMART 162 | Contemporary Scripting for Games, Mobile and Web | 2 |
| MMART 162L | Contemporary Scripting for Games, Mobile and Web Lab | 1 |
| MMART 169 | Social & Emergent Media | 2 |
| MMART 169L | Social & Emergent Media Lab | 1 |
| MMART 170 | Virtual Reality and Digital Spaces | 2 |
| MMART 170L | Virtual Reality and Digital Spaces | 1 |
| MMART 171 | Web Commerce & Internet Start Up | 2 |
| MMART 171L | Web Commerce & Internet Start Up Lab | 1 |

Choose 3-5 units from the following:

| | | Units |
|------------|--------------------------------------|-------|
| ART 046 | 2-D Visual Design | 3 |
| CIS 006 | Introduction to Computer Programming | 5 |
| MMART 120 | Media and Communications | 3 |
| MMART 175B | Game Design | 3 |

Total Units

18 - 20

PID 854

PROGRAM OF STUDY

Multimedia Arts Core Certificate of Achievement

Berkeley City College

TOP Code: 0614.00

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

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. 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.

Career Opportunities in

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

| Required Courses | | Units |
|-------------------------|---|----------------|
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 130 | Introduction to Digital Art | 2 |
| MMART 130L | Introduction to Digital Art | 1 |
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| | or | |
| ART 046 | 2-D Visual Design | 3 |
| MMART 199 | Multimedia Special Projects | 3 |
| | or | |
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |
| Total Units | | 18 - 19 |

PID 862

PROGRAM OF STUDY

Multimedia Arts--Animation and Game Design A.A. Degree

Berkeley City College

TOP Code: 0614.40

Program Control Number: 16645

State Approval Date: 01/01/2005

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Berkeley City College's Multimedia Arts Program in Animation & 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, critical thinking and computer skills.

Career Opportunities in

medical visualization, game, animation: pre-visualization, game level design, 3D modeling, technical direction, animation in 2D/3D, animation editing, 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 Arts A.A. Degrees (18-19 units)

| | | Units |
|------------|---|--------------|
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 130 | Introduction to Digital Art | 2 |
| MMART 130L | Introduction to Digital Art | 1 |
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| | or | |
| ART 046 | 2-D Visual Design | 3 |
| MMART 199 | Multimedia Special Projects | 3 |
| | or | |
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |

Students must choose 18-20 units with a minimum of one course from each area.

Units

AREA 1: Animation with Emphasis in 2D courses

Units

| | | |
|------------|--|---|
| MMART 116 | Storytelling in Animation | 3 |
| MMART 177 | Introduction to Animation Principles | 2 |
| MMART 177L | Introduction to Animation Principles Lab | 1 |
| MMART 178 | Drawing for Animation | 2 |
| MMART 178L | Drawing for Animation Lab | 1 |
| MMART 186 | Introduction to 2D Digital Animation | 2 |
| MMART 186L | Introduction to 2D Digital Animation Lab | 1 |
| MMART 187 | Animation Practices I | 2 |
| MMART 187L | Animation Practices I Lab | 1 |
| MMART 194 | 2D/3D Animation Production | 3 |

AREA 2: Animation with emphasis in 3D courses

Units

| | | |
|------------|---|---|
| MMART 179 | Animation Layout and Visual Development | 3 |
| MMART 180 | Animation Special Effects | 2 |
| MMART 180L | Animation Special Effects Lab | 1 |
| MMART 188 | Introduction to 3D Animation I | 2 |
| MMART 191 | 3D Modeling for Animation & Game Design | 3 |
| MMART 194 | 2D/3D Animation Production | 3 |

AREA 3: Animation with emphasis in Game Design courses

Units

| | | |
|------------|---|---|
| CIS 006 | Introduction to Computer Programming | 5 |
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |
| MMART 175B | Game Design | 3 |
| MMART 182 | Scripting and Programming for Computer Graphics | 3 |
| MMART 193 | Game Design Level Development | 3 |

Unit Calculation

Units

| | |
|---------------------------------|---------|
| Major Requirements | 36 - 39 |
| General Education and Electives | 21 - 24 |

Total Units

60

PID 829

PROGRAM OF STUDY

Multimedia Arts--Imaging: Infographic Design and Data Visualization A.A. Degree

Berkeley City College

TOP Code: 0614.10

Program Control Number: 9073

State Approval Date: 01/01/1999

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Berkeley City College's Multimedia Arts Program in Digital Imagery and Data Visualization prepares students for entry-level jobs in the photography, graphic design, imaging and data visualization fields and provides upgraded skills for those already employed in multimedia and data design fields. The program is interdisciplinary and focuses on developing analytical, artistic, critical thinking and computer skills.

Career Opportunities in

studio photography, pre-processing, digital marketing, digital design, advertising, pre-press and press production, and independent printmaking.

Required Core Courses for all Multimedia Arts A.A. Degrees (18-19 units)

| | | Units |
|------------|---|--------------|
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 130 | Introduction to Digital Art | 2 |
| MMART 130L | Introduction to Digital Art | 1 |
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| | or | |
| ART 046 | 2-D Visual Design | 3 |
| MMART 199 | Multimedia Special Projects | 3 |
| | or | |
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |

Choose 9 units from the following:

| | | Units |
|-------------|--|--------------|
| MMART 114 | Data Design for Digital Media | 2 |
| MMART 114L | User-Centered Design Lab | 1 |
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |
| MMART 166 | User Experience and Interface Design | 2 |
| MMART 166L | User Experience and Interface Design Lab | 1 |
| MMART 228C | Intro to InDesign Desktop Publishing | 2 |

Choose 6 units from the following:

| | | Units |
|-------------|---------------------------|--------------|
| MMART 133A | Digital Photography I | 2 |
| MMART 133LA | Digital Photography I Lab | 1 |
| MMART 134A | Digital Printmaking I | 2 |
| MMART 134LA | Digital Printmaking I Lab | 1 |

| | | |
|------------|----------------------------------|---|
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |

Choose 3 units from the following:

| | | Units |
|-------------|--|--------------|
| MMART 135A | Advanced Practices for Digital Printmaking I | 2 |
| MMART 135LA | Advanced Practices for Digital Printmaking I Lab | 1 |
| MMART 137A | Applications of Large Scale Print I | 2 |
| MMART 137LA | Applications of Large Scale Print I Lab | 1 |

Unit Calculation

| | Units |
|---------------------------------|--------------|
| Major requirements | 36 - 37 |
| General Education and Electives | 23 - 24 |

Total Units **60**

PROGRAM OF STUDY

Multimedia Arts--Mobile and Web Design A.A. Degree

Berkeley City College

TOP Code: 0614.30

Program Control Number: 11960

State Approval Date: 01/01/2000

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

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 in

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 Core Courses for all Multimedia Arts A.A. Degrees (18-19 units) | | Units |
|---|---|--------------|
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 130 | Introduction to Digital Art | 2 |
| MMART 130L | Introduction to Digital Art | 1 |
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| or | | |
| ART 046 | 2-D Visual Design | 3 |
| MMART 199 | Multimedia Special Projects | 3 |
| or | | |
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |
| Required Courses for the Mobile and Web Design A.A. Degree (9 units) | | Units |
| MMART 166 | User Experience and Interface Design | 2 |
| MMART 166L | User Experience and Interface Design Lab | 1 |
| MMART 168 | Online Games & Interactivity | 2 |
| MMART 168L | Online Games & Interactivity Lab | 1 |
| MMART 169 | Social & Emergent Media | 2 |
| MMART 169L | Social & Emergent Media Lab | 1 |
| Choose 3 units from the following: | | Units |
| MMART 114 | Data Design for Digital Media | 2 |
| MMART 114L | Data Design for Digital Media Lab | 1 |
| MMART 120 | Media and Communications | 3 |
| MMART 167 | Mobile and Cross-Platform Web Design | 2 |
| MMART 167L | Mobile and Cross-Platform Web Design | 1 |
| Choose 6 units from the following: | | Units |

| | | |
|------------|--|---|
| MMART 162 | Contemporary Scripting for Games, Mobile and Web | 2 |
| MMART 162L | Contemporary Scripting for Games, Mobile and Web Lab | 1 |
| MMART 170 | Virtual Reality and Digital Spaces | 2 |
| MMART 170L | Virtual Reality and Digital Spaces | 1 |
| MMART 171 | Web Commerce & Internet Start Up | 2 |
| MMART 171L | Web Commerce & Internet Start Up Lab | 1 |

| Unit Calculation | | Units |
|---------------------------------|--|--------------|
| Major Requirements | | 30 - 31 |
| General Education and Electives | | 29 - 30 |

| | |
|--------------------|-----------|
| Total Units | 60 |
|--------------------|-----------|

PROGRAM OF STUDY

Multimedia Arts--Video Arts A.A. Degree

Berkeley City College

TOP Code: 0614.10

Program Control Number: 12303

State Approval Date: 01/01/2001

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

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

Career Opportunities in

video production, video editing, motion graphics, audio/visual installment and operation, audio recording and sound design, cinematography, lighting, documentary production, sports videography, and television.

| Required Core Courses for all Multimedia Arts A.A. Degrees (18-19 units) | | Units |
|---|--|--------------|
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 130 | Introduction to Digital Art | 2 |
| MMART 130L | Introduction to Digital Art | 1 |
| MMART 141A | Video Production I | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| MMART 164L | Introduction to Web Design Lab | 1 |
| MMART 165 | Fundamentals of Graphic Visualization | 2 |
| | and | |
| MMART 165L | Fundamentals of Graphic Visualization Lab | 1 |
| | or | |
| ART 046 | 2-D Visual Design | 3 |
| MMART 199 | Multimedia Special Projects | 3 |
| | or | |
| COPED 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |
| Required Courses for the Video Arts A.A. Degree (9 units) | | Units |
| MMART 150A | Video Editing I | 2 |
| MMART 150LA | Video Editing I Lab | 1 |
| MMART 148A | Sound Recording and Editing | 2 |
| MMART 148LA | Sound Recording and Editing Lab | 1 |
| MMART 197 | Multimedia Portfolio/Sample Reel Development | 2 |
| MMART 197L | Multimedia Portfolio/Sample Reel Development LAB | 1 |
| Choose 9 units from the following: | | Units |
| MMART 141B | Video Production II:Directing & Producing | 3 |
| MMART 142 | Visual Storytelling & Cinematography | 3 |
| MMART 148B | Sound for Film & Animation | 2 |
| MMART 148LB | Sound for Film & Animation Lab | 1 |
| MMART 150B | Video Editing II | 2 |
| MMART 150LB | Video Editing II Lab | 1 |

| | | |
|-------------|---|---|
| MMART 150C | Video Editing III | 2 |
| MMART 150LC | Video Editing III Lab | 1 |
| MMART 152A | Motion Graphics/After Effects I | 2 |
| MMART 152LA | Motion Graphics/After Effects I Lab | 1 |
| MMART 172L | Visual Storytelling and Cinematography Lab | 1 |
| MMART 195A | Special Project: Digital Arts Festival Organization | 3 |

| Unit Calculation | | Units |
|---------------------------------|--|--------------|
| Major Requirements | | 36 - 37 |
| General Education and Electives | | 23 - 24 |

| | |
|--------------------|-----------|
| Total Units | 60 |
|--------------------|-----------|

PROGRAM OF STUDY

Public Art Certificate of Achievement

Berkeley City College

TOP Code: 1099.00

Program Control Number: 9062

State Approval Date: 12/20/2012

Board of Trustees Date: 09/12/2011

Curriculum Committee Approval Date: 04/28/2011

Current Effective Date: 08/01/2015

Berkeley City College's Public Art Certificate of Achievement prepares people to participate in local, national and international arenas of public art, for which working with clients and community are a critical part. The True Colors Mural Program at BCC is the cornerstone for the certificate. The program, in collaboration with Earth Island Institute, supports the development of young artist activists for the improvement of the urban environment through the creation of public murals. The purpose of the murals is to both educate urban dwellers and beautify the urban environment with messages and images that support ecological sustainability, conservation and restoration. With a fully implemented Public Art Certificate Program, students will have a range of course offerings that are both theory and practice based. You will graduate with skills in the technical areas of mural design and creation, public installation and performance, and public art administration and management.

Career Opportunities in

Berkeley City College's Public Art Certificate of Achievement prepares people to participate in local, national and international arenas of public art, for which working with clients and community are a critical part. With a fully implemented Public Art Certificate Program, students will graduate with skills in the technical areas of mural design and creation, public installation and performance, and public art administration and management.

Required Courses

| | | Units |
|----------|--|-------|
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 050 | Beginning Painting | 3 |
| ART 133A | Mural Design and Creation I | 3 |
| ART 133B | Mural Design and Creation II | 4 |
| ART 181 | Artist as Citizen: Community-Based Art Practices | 3 |

Required Art History Electives (choose 3 units from the following)

| | | Units |
|-----------|---|-------|
| ART 001 | Introduction to Art History | 3 |
| ART 004 | History of Modern Art (1800 to Present) | 3 |
| ART 013 | History of Women in Art (19th & 20th Centuries) | 3 |
| ART 014 | Themes, Trends, and Traditions in World Art | 3 |
| ART 016 | Introduction to Islamic Art | 3 |
| ART 182 | Introduction to Visual Culture | 3 |
| HUMAN 182 | Introduction to Visual Culture | 3 |

Studio Art Electives (choose 2-3 units from the following)

| | | Units |
|-------------|--|-------|
| ART 018 | Critique and the Creative Process | 3 |
| ART 047 | 3-D Visual Design | 3 |
| ART 175 | Studio Art Laboratory | 1 |
| MMART 196A | Art Marketing and Portfolio Management | 2 |
| MMART 196LA | Art Marketing and Portfolio Management LAB | 1 |

Total Units Required for Certificate: 21 - 22 units

Units

TWO YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete a Certificate of Achievement in Public Art. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the 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.

| 1st Semester/ Fall | | Units |
|----------------------------------|--|----------------|
| ART 001 | Introduction to Art History | 3 |
| | or | |
| ART 004 | History of Modern Art (1800 to Present) | 3 |
| | or | |
| ART 013 | History of Women in Art (19th & 20th Centuries) | 3 |
| | or | |
| ART 014 | Themes, Trends, and Traditions in World Art | 3 |
| | or | |
| ART 016 | Introduction to Islamic Art | 3 |
| | or | |
| ART 182 | Introduction to Visual Culture | 3 |
| ART 020 | Beginning Drawing & Composition | 3 |
| Total Units 1st Semester/ Fall | | 6 |
| 2nd Semester/ Spring | | Units |
| ART 050 | Beginning Painting | 3 |
| ART 181 | Artist as Citizen: Community-Based Art Practices | 3 |
| Total Units 2nd Semester/ Spring | | 6 |
| 3rd Semester/ Fall | | Units |
| ART 133A | Mural Design and Creation I | 3 |
| Elective | | 2 |
| Total Units 3rd Semester/ Fall | | 5 |
| 4th Semester/ Spring | | Units |
| ART 133B | Mural Design and Creation II | 4 |
| Elective | | 1 |
| Total Units 4th Semester/ Spring | | 5 |
| Total Units | | 21 - 22 |

PROGRAM OF STUDY

Public Art: Community Service Certificate of Achievement

Berkeley City College

TOP Code: 1099.00

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Public Artists in Community Service work in a broad range of vocations and professions. In the public sphere they are essential to many institutions, as a growing number of both private and public entities dedicate a percent of building costs to the creation of public art. These entrepreneurs produce, promote and develop community-based projects from murals to sculpture to performance to landscape design. They write grants, manage the business of art projects, develop project designs, assist or manage project development through social media and crowd sourcing for clients, members, patients, citizens, tribes and many other constituencies, and artist entrepreneurs are key to reflecting and representing these groups in the institutional cultures, whether they be in urban, suburban or rural settings. Through the practice of community-based public art, they develop and practice skills related to the fields of education, art therapy, psychology, and are prepared to work collaboratively with institutions that serve students, clients and patients in these areas.

Career Opportunities in

Our concentration in community service will prepare the students for work in a broad range of vocations and professions. Jobs in youth centers, community centers, non-profit arts organizations, art therapy programs for the disabled, childcare centers, preschools, public schools, arts commissions, correctional institutions and community health clinics are available for students with this type of preparation.

| Required Courses | | Units |
|---|---|--------------|
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 050 | Beginning Painting | 3 |
| ART 133A | Mural Design and Creation I | 3 |
| ART 133B | Mural Design and Creation II | 4 |
| ART 181 | Artist as Citizen: Community-Based Art Practices | 3 |
| BUS 054 | Small Business Management | 3 |
| or | | |
| MMART 109 | Writing for the Business of Multimedia | 3 |
| COPEP 451 | Occupational Work Experience | 2 |
| ETHST 001 | Introduction to Ethnic Studies | 3 |
| HUSV 108 | Helping Skills for Human Services Paraprofessionals | 2 |
| or | | |
| HUSV 109 | Diverse Populations in Human Services | 2 |
| Choose 3 units from the following courses: | | Units |
| CHDEV 051 | Child Growth and Development | 3 |
| EDUC 001 | Introduction to the Field of Education | 3 |
| PSYCH 001A | Introduction to General Psychology | 3 |

Total Units

29

PID 860

PROGRAM OF STUDY

Public Art: Entrepreneurship Certificate of Achievement

Berkeley City College

TOP Code: 1099.00

Program Control Number:

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

Public Arts Entrepreneurs work in a broad range of vocations and professions. In the public sphere they are essential to many institutions, as a growing number of both private and public entities dedicate a percent of building costs to the creation of public art. These entrepreneurs produce, promote and develop community-based projects from murals to sculpture to performance to landscape design. They write grants, manage the business of art projects, create web sites, develop project designs, assist or manage project development through social media and crowd sourcing for clients, members, patients, citizens, tribes and many other constituencies, and are key to reflecting and representing these groups in the institutional cultures, whether they be in urban, suburban or rural settings.

Career Opportunities in

non-profit and for-profit arts organizations, galleries, museums, on-line crowd-sourcing companies, arts commissions, college and university art departments, as well as working on their own independent art careers through grant writing, other forms of fundraising and advertising.

| Required Courses | | Units |
|-------------------------|--|--------------|
| ART 020 | Beginning Drawing & Composition | 3 |
| ART 050 | Beginning Painting | 3 |
| ART 133A | Mural Design and Creation I | 3 |
| ART 133B | Mural Design and Creation II | 4 |
| ART 181 | Artist as Citizen: Community-Based Art Practices | 3 |
| BUS 228 | Small Business Development for New and Prospective Entrepreneurs | 1.5 |
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |
| MMART 137A | Applications of Large Scale Print I | 2 |
| MMART 137LA | Applications of Large Scale Print I Lab | 1 |
| COPED 451 | Occupational Work Experience | 1 - 4 |

| Choose 3-4 units from the following courses | | Units |
|--|--|--------------|
| BUS 102 | Social Networking Tools for Job Searches | 1 |
| MMART 109 | Writing for the Business of Multimedia | 3 |
| MMART 164 | Introduction to Web Design | 2 |
| and | | |
| MMART 164L | Introduction to Web Design Lab | 1 |

Total Units

27.5 - 31.5

PID 859

PROGRAM OF STUDY

Video Arts Level I Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number: 12305

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Video Arts are available at Level I and Level II. The Level I Certificate of Achievement in Video Arts 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. 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.

Career Opportunities in

video production, post-production, corporate and independent media organizations, audio recording, cinematography

Required Courses

| | | Units |
|-------------|--|-------|
| MMART 148A | Sound Recording and Editing | 2 |
| MMART 148LA | Sound Recording and Editing Lab | 1 |
| MMART 150A | Video Editing I | 2 |
| MMART 150LA | Video Editing I Lab | 1 |
| MMART 197 | Multimedia Portfolio/Sample Reel Development | 2 |
| MMART 197L | Multimedia Portfolio/Sample Reel Development LAB | 1 |

Choose 9 units from the following:

| | | Units |
|-------------|---|-------|
| MMART 141B | Video Production II:Directing & Producing | 3 |
| MMART 142 | Visual Storytelling & Cinematography | 3 |
| MMART 150B | Video Editing II | 2 |
| MMART 150LB | Video Editing II Lab | 1 |
| MMART 150C | Video Editing III | 2 |
| MMART 150LC | Video Editing III Lab | 1 |
| MMART 148B | Sound for Film & Animation | 2 |
| MMART 148LB | Sound for Film & Animation Lab | 1 |
| MMART 156 | Documentary Production Intensive | 3 |
| MMART 195A | Special Project: Digital Arts Festival Organization | 3 |

Total Units

18

PID 863

PROGRAM OF STUDY

Video Arts Level II Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number: 12303

State Approval Date: 01/01/2001

Curriculum Committee Approval Date: 04/16/2015

Current Effective Date: 01/01/2016

The Multimedia Arts Certificates of Achievement in Video Arts are available at Level I and Level II. The Level II Certificate of Achievement in Video Arts provides advanced training in video production and post-production, as well as further development for working students seeking to gain advantageous technical knowledge. The program provides technical training on professional production equipment and post production software. The program emphasizes effective collaboration, aesthetics, critical analysis of media, color correction, visual effects and finalizing techniques. 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.

Career Opportunities in

post-production, motion graphics, visual effects, audio recording and mixing, sound design, and video production at corporate and independent media organizations.

Required Courses

| | | Units |
|-------------|---|--------------|
| COPED 468B | Occupational Work Experience in Multimedia Arts | 1 - 4 |
| MMART 131A | Photoshop I | 2 |
| MMART 131LA | Photoshop I Lab | 1 |
| MMART 152A | Motion Graphics/After Effects I | 2 |
| MMART 152LA | Motion Graphics/After Effects I Lab | 1 |
| MMART 150C | Video Editing III | 2 |
| MMART 150LC | Video Editing III Lab | 1 |
| | or | |
| MMART 150D | Video Editing IV | 2 |
| MMART 150LD | Final Cut Pro IV Lab | 1 |

Select 6 units from the following:

| | | Units |
|-------------|--------------------------------------|--------------|
| MMART 148B | Sound for Film & Animation | 2 |
| MMART 148LB | Sound for Film & Animation Lab | 1 |
| MMART 152B | Motion Graphics / After Effects II | 2 |
| MMART 152LB | Motion Graphics/After Effects II Lab | 1 |
| MMART 156 | Documentary Production Intensive | 3 |
| MMART 185A | 3-D Illustration / Cinema 4D I | 2 |
| MMART 185LA | 3-D Illustration / Cinema 4D I Lab | 1 |
| MMART 185B | 3-D Illustration / Cinema 4D II | 2 |
| MMART 185LB | 3-D Illustration / Cinema 4D II Lab | 1 |

Total Units

19 - 22

PID 864

PROGRAM OF STUDY

Writing, Directing, and Producing for Multimedia Arts Certificate of Achievement

Berkeley City College

TOP Code: 0614.10

Program Control Number:

The certificate of Writing, Directing, and Producing for Multimedia Arts provides analytical and professional writing techniques and an overview of fundraising, screenplays, critiques and social media which can be applied to directing and producing. 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.

Career Opportunities in

documentary production, screenwriting, producing for film or television, grant writing, fundraising, and writing for social media.

Required Courses

| | | Units |
|------------|---|-------|
| COPE 468B | Occupational Work Experience in Multimedia Arts | 3 - 4 |
| MMART 109 | Writing for the Business of Multimedia | 3 |
| MMART 141B | Video Production II: Directing & Producing | 3 |

Select 9-12 units from the following:

| | | Units |
|------------|--------------------------------------|-------|
| HUMAN 021 | Film: Art and Communication | 3 |
| MMART 110 | Scriptwriting and Storyboarding I | 3 |
| MMART 111A | Narrative Scriptwriting I | 3 |
| MMART 120 | Media and Communications | 3 |
| MMART 122B | From Movies to Multimedia | 3 |
| MMART 123 | The Documentary Tradition | 3 |
| MMART 142 | Visual Storytelling & Cinematography | 3 |
| MMART 156 | Documentary Production Intensive | 3 |
| MMART 169 | Social & Emergent Media | 2 |
| MMART 169L | Social & Emergent Media Lab | 1 |
| MMART 113 | Digital Storytelling | 3 |

Total Units

18 - 22

PID 867

PROGRAM OF STUDY

Associate of Arts in Studio Arts for Transfer AA-T Degree

College of Alameda

TOP Code: 1002.00

Program Control Number:

Curriculum Committee Approval Date: 04/07/2015

The Associate of Arts Degree in Studio Arts for Transfer is designed for students planning to transfer into the studio art major at CSU. The AA-T in Studio Arts provides students with a strong foundation in the terminology and principles of the visual arts, two-and three-dimensional design, and an introduction to various techniques and media. Topics also explored include the relationship between form and content, historical and contemporary approaches to art and art making, and personal expression. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to their local CSU campus and to a program or major in studio art or similar major. The Associate transfer degrees (AA-T) require the completion and certification of the California State University General Education (CSU GE) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern, as well as the specific Associate for transfer (AA-T) major degree requirements. The AA-T does not require any additional college specific General Education requirements. Students interested in the AA-T degree are advised to consult with the Art Program Chair and a counselor. Students who enroll in the Studio Arts program will explore art in the context of history, investigate new ways of creative expression, and develop a personal connection to fine art.

Career Opportunities in

The career opportunities for a degree in studio arts include a variety of fine arts occupations: professional artist, art educator, civic arts administration, museum handling, administration and curation and also professional gallery ownership and operation. The fine arts represent a commitment to the ongoing cultural dialogue of humanity

Core Curriculum

| | | Units |
|---------|---|-------|
| ART 003 | History of Western Art: Renaissance to Contemporary Art | 3 |
| ART 046 | 2-D Visual Design | 3 |
| ART 047 | 3-D Visual Design | 3 |
| ART 020 | Beginning Drawing & Composition | 3 |

Art History Restricted Electives: Select 1 of the following for a total of 3 units

| | | Units |
|---------|--|-------|
| ART 002 | History of Western Art: Prehistory through the Middle Ages | 3 |
| ART 004 | History of Modern Art (1800 to Present) | 3 |

or

Studio Art Restricted Electives: Select three courses from the following for a maximum of nine units

| | | Units |
|---------|--------------------------------------|-------|
| ART 022 | Intermediate Drawing and Composition | 3 |
| ART 050 | Beginning Painting | 3 |
| ART 052 | Intermediate Painting | 3 |
| ART 62 | Intermediate Painting:Watercolor | 3 |

CSU and IGETC requirements

Units
37 - 39

Total Units

60

PROGRAM OF STUDY

DENTAL ASSISTING A.S. Degree

College of Alameda

TOP Code: 1240.10

Program Control Number:

Curriculum Committee Approval Date: 02/02/2015

The Dental Assisting Program is designed to meet the requirements of the American Dental Association Council on Dental Education for Dental Assistants. The program includes lecture and laboratory practice in the classroom. As part of their field experience, students are required to participate in internships in private offices and at the UCSF Dental School. The program requires 32 semester units in Dental Assisting, plus 9 semester units in other general education required courses; for a total of 41 units. Students completing all required courses with a minimum grade point average of 2.0 ("C") will earn a Certificate of Achievement and be qualified to take the Certification Examination of the Dental Assisting National Board (DANB) and the State of California RDA examinations; and will be prepared to assume the responsibilities of assisting the dentist in all phases of general and specialty practice. Admission is by special application directly to the Dental Assisting Department. The application deadline is April 15 of each year for admission into the program starting the following fall semester. The Dental Assisting Program is allowed to take up to 24 students each fall semester per CODA regulations. All completed applications will be placed in a lottery after the applicant has attended the first mandatory orientation. After the first 24 eligible applicants have been selected, all other applicants will be placed on a wait-list and informed in writing of any openings. Applicants will be notified by mail of acceptance into the Dental Assisting program. Applications received after April 15 will be accepted only on a space-available basis. The AS degree in Dental Assisting will be awarded upon satisfactory completion of the Major Course Requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the Major Course Requirements. Eligibility / Admission / Prerequisite and Degree / Certificate Requirements are as follows: 1. Completion of all Dental Assisting courses with a grade of 2.0 ("C") or better. 2. Possession of a high school diploma or the equivalent is required prior to application to and admission into the program. 3. Official transcripts must be on file in the Admissions and Records Office prior to program application. 4. Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider are required prior to enrollment in the program. 5. Physical and dental examinations, and negative TB and hepatitis test results are required to be submitted to the Dental Assisting Department prior to enrollment in the program. 6. It is highly recommended (but not required) that the following be completed prior to admission into the program and enrollment in Fall term courses: DENTL 251, Dental Terminology and CIS 205, Computer Literacy.

Career Opportunities in

Students in this major typically are employed as dental assistants in private dental offices.

Prerequisite Requirements: Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider; are required prior to enrollment in the program.

Degree Major Requirements:

| | | |
|------------|---|-----|
| DENTL 220A | Infection Control and Oral Health | 2 |
| DENTL 220B | Infection Control and Coronal Polish | 1 |
| DENTL 221 | Professional Standards | 0.5 |
| DENTL 222 | Oral Anatomy, Morphology and Body Systems | 3.5 |
| DENTL 223 | Chairside Procedures | 3 |
| DENTL 224A | Dental Radiology | 3 |
| DENTL 225 | Dental Materials and Lab Procedures | 3 |
| DENTL 224B | Dental Radiology II | 2 |
| DENTL 226 | Advanced Chairside Procedures | 3 |
| DENTL 227 | Biodental Sciences | 2 |
| DENTL 228A | Clinical Rotation and Review | 2 |
| DENTL 228B | Clinical Rotations and Review | 5 |
| DENTL 229 | Practice Management | 1.5 |
| DENTL 230 | Pit and Fissure Sealants | 0.5 |

Courses outside discipline; also required for the Major/Certificate of Achievement (9 units)

| | | |
|------------|---|---|
| ENGL 201B | Preparation for Composition and Reading | 3 |
| PSYCH 001A | Introduction to General Psychology | 3 |
| COMM 001A | Introduction to Speech | 3 |
| | or | |
| COMM 20 | Interpersonal Communication Skills | 3 |
| | or | |
| COMM 045 | Public Speaking | 3 |

Major Requirement - 41 units

General Education and Electives - 19 units

Total Units

41

PID 749

PROGRAM OF STUDY

DENTAL ASSISTING Certificate of Achievement

College of Alameda

TOP Code: 1240.10

Program Control Number:

Curriculum Committee Approval Date: 02/02/2015

The Dental Assisting Program is designed to meet the requirements of the American Dental Association Council on Dental Education for Dental Assistants. The program includes lecture and laboratory practice in the classroom. As part of their field experience, students are required to participate in internships in private offices and at the UCSF Dental School. The program requires 32 semester units in Dental Assisting, plus 9 semester units in other general education required courses; for a total of 41 units. Students completing all required courses with a minimum grade point average of 2.0 ("C") will earn a Certificate of Achievement and be qualified to take the Certification Examination of the Dental Assisting National Board (DANB) and the State of California RDA examinations; and will be prepared to assume the responsibilities of assisting the dentist in all phases of general and specialty practice. Admission is by special application directly to the Dental Assisting Department. The application deadline is April 15 of each year for admission into the program starting the following fall semester. The Dental Assisting Program is allowed to take up to 24 students each fall semester per CODA regulations. All completed applications will be placed in a lottery after the applicant has attended the first mandatory orientation. After the first 24 eligible applicants have been selected, all other applicants will be placed on a wait-list and informed in writing of any openings. Applicants will be notified by mail of acceptance into the Dental Assisting program. Applications received after April 15 will be accepted only on a space-available basis. The AS degree in Dental Assisting will be awarded upon satisfactory completion of the Major Course Requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the Major Course Requirements. Eligibility / Admission / Prerequisite and Degree / Certificate Requirements are as follows: 1. Completion of all Dental Assisting courses with a grade of 2.0 ("C") or better. 2. Possession of a high school diploma or the equivalent is required prior to application to and admission into the program. 3. Official transcripts must be on file in the Admissions and Records Office prior to program application. 4. Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider are required prior to enrollment in the program. 5. Physical and dental examinations, and negative TB and hepatitis test results are required to be submitted to the Dental Assisting Department prior to enrollment in the program. 6. It is highly recommended (but not required) that the following be completed prior to admission into the program and enrollment in Fall term courses: DENTL 251, Dental Terminology and CIS 205, Computer Literacy.

Career Opportunities in

Students in this major typically are employed as dental assistants in private dental offices.

Prerequisite Requirements: Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider; are required prior to enrollment in the program.

Degree Major/Certificate Requirements

| | | |
|------------|---|-----|
| DENTL 220A | Infection Control and Oral Health | 2 |
| DENTL 220B | Infection Control and Coronal Polish | 1 |
| DENTL 221 | Professional Standards | 0.5 |
| DENTL 222 | Oral Anatomy, Morphology and Body Systems | 3.5 |
| DENTL 223 | Chairside Procedures | 3 |
| DENTL 224A | Dental Radiology | 3 |
| DENTL 225 | Dental Materials and Lab Procedures | 3 |
| DENTL 224B | Dental Radiology II | 2 |
| DENTL 226 | Advanced Chairside Procedures | 3 |
| DENTL 227 | Biodental Sciences | 2 |
| DENTL 228A | Clinical Rotation and Review | 2 |
| DENTL 228B | Clinical Rotations and Review | 5 |
| DENTL 229 | Practice Management | 1.5 |
| DENTL 230 | Pit and Fissure Sealants | 0.5 |

Courses outside discipline; also required for the Major/Certificate of Achievement (9 units)

| | | |
|------------|---|---|
| ENGL 201B | Preparation for Composition and Reading | 3 |
| PSYCH 001A | Introduction to General Psychology | 3 |
| COMM 001A | Introduction to Speech | 3 |
| | or | |
| COMM 20 | Interpersonal Communication Skills | 3 |
| | or | |
| COMM 045 | Public Speaking | 3 |

Total Units

41

PID 750

PROGRAM OF STUDY

APPLIED GRAPHIC DESIGN/DIGITAL IMAGING A.A. Degree

Laney College

TOP Code: 1030.00

Program Control Number: 9028

Curriculum Committee Approval Date: 03/20/2015

The AA degree and certificate in Applied Graphic Design/Digital Imaging offer hands-on experience for students interested in combining artistic creativity and computer technology. Students receive practical knowledge of processes, theory of design principles and elements, computer software applications, and personal communication skills. Opportunities of employment from an education in graphic design range widely in emphasis. Related industries integrating graphic designers, digital imaging specialists, and multimedia authors vary as much as commercial printing does from motion pictures. All mass visual communications require the skills and training of graphic design/digital imaging.

Degree Major/Certificate Requirements:

| FIRST SEMESTER | | Units |
|--|---|--------------|
| GRART 032 | Digital Documents (Adobe InDesign) | 3 |
| GRART 111 | Elements and Principles of Graphic Design | 3 |
| GRART 113 | Typography | 3 |
| SECOND SEMESTER | | Units |
| GRART 034 | Adobe Illustrator Basics | 3 |
| GRART 112 | Creative Process and Solutions | 3 |
| GRART 121 | Applied Graphic Design 1 | 3 |
| THIRD SEMESTER | | Units |
| GRART 036 | Adobe Photoshop Basics | 3 |
| GRART 122 | Applied Graphic Design 2 | 3 |
| FOURTH SEMESTER | | Units |
| GRART 114 | Graphic Design Technology | 3 |
| GRART 123 | Applied Graphic Design 3 | 3 |
| GRART 042 | Web Graphics (Dreamweaver) | 3 |
| General Education and Electives | | Units |
| | | 27 |

| | |
|--------------------|-----------|
| Total Units | 60 |
|--------------------|-----------|

PID 647

PROGRAM OF STUDY

Personal Trainer - Preparation for Certification Certificate of Proficiency

Laney College

TOP Code: 0835.20

Program Control Number:

Curriculum Committee Approval Date: 04/10/2015

This program will prepare students with the basic qualifications to sit for the National Academy of Sports Medicine (NASM) Personal Trainer Exam.

Career Opportunities in Kinesiology

A career as a Personal Trainer can be a rewarding career for those interested in fitness and helping others. To be marketable in this career, there are various certifications that are recommended. The main certification is a Personal Trainer certification. This will help open up doors for a career in gyms, fitness centers, teaching classes, or working as a private personal trainer.

| Core Courses for Certificate of Proficiency in Personal Trainer - Certification Preparation | | Units |
|--|--|--------------|
| HLTED 14 | First Aid and CPR | 3 |
| KIN 141 | Personal Trainer - Certification Preparation | 3 |

| | |
|--------------------|----------|
| Total Units | 6 |
|--------------------|----------|

PID 754

PROGRAM OF STUDY

APPLIED GRAPHIC DESIGN/DIGITAL IMAGING A.A. Degree

Laney College

TOP Code: 1030.00

Program Control Number: 9028

Curriculum Committee Approval Date: 03/20/2015

The AA degree and certificate in Applied Graphic Design/Digital Imaging offer hands-on experience for students interested in combining artistic creativity and computer technology. Students receive practical knowledge of processes, theory of design principles and elements, computer software applications, and personal communication skills. Opportunities of employment from an education in graphic design range widely in emphasis. Related industries integrating graphic designers, digital imaging specialists, and multimedia authors vary as much as commercial printing does from motion pictures. All mass visual communications require the skills and training of graphic design/digital imaging.

Degree Major/Certificate Requirements:

| FIRST SEMESTER | | Units |
|--|---|--------------|
| GRART 032 | Digital Documents (Adobe InDesign) | 3 |
| GRART 111 | Elements and Principles of Graphic Design | 3 |
| GRART 113 | Typography | 3 |
| SECOND SEMESTER | | Units |
| GRART 034 | Adobe Illustrator Basics | 3 |
| GRART 112 | Creative Process and Solutions | 3 |
| GRART 121 | Applied Graphic Design 1 | 3 |
| THIRD SEMESTER | | Units |
| GRART 036 | Adobe Photoshop Basics | 3 |
| GRART 122 | Applied Graphic Design 2 | 3 |
| FOURTH SEMESTER | | Units |
| GRART 114 | Graphic Design Technology | 3 |
| GRART 123 | Applied Graphic Design 3 | 3 |
| GRART 042 | Web Graphics (Dreamweaver) | 3 |
| General Education and Electives | | Units |
| | | 27 |

| | |
|--------------------|-----------|
| Total Units | 60 |
|--------------------|-----------|

PID 647

PROGRAM OF STUDY

Personal Trainer - Preparation for Certification Certificate of Proficiency

Laney College

TOP Code: 0835.20

Program Control Number:

Curriculum Committee Approval Date: 04/10/2015

This program will prepare students with the basic qualifications to sit for the National Academy of Sports Medicine (NASM) Personal Trainer Exam.

Career Opportunities in Kinesiology

A career as a Personal Trainer can be a rewarding career for those interested in fitness and helping others. To be marketable in this career, there are various certifications that are recommended. The main certification is a Personal Trainer certification. This will help open up doors for a career in gyms, fitness centers, teaching classes, or working as a private personal trainer.

| Core Courses for Certificate of Proficiency in Personal Trainer - Certification Preparation | | Units |
|--|--|--------------|
| HLTED 14 | First Aid and CPR | 3 |
| KIN 141 | Personal Trainer - Certification Preparation | 3 |

| | |
|--------------------|----------|
| Total Units | 6 |
|--------------------|----------|

PID 754

PROGRAM OF STUDY

VIDEO PRODUCTION FOR VIDEO, BROADCAST AND DIGITAL CINEMATOGRAPHY A.A. Degree

Laney College

TOP Code: 0604.20

Program Control Number: 9024

Curriculum Committee Approval Date: 02/20/2015

The major in Video Production for Video, Broadcast and Digital Cinematography covers the entire range of digital video media production, from script development, hands-on professional 2K and 4K production equipment, current editing and other post-production applications, distribution, and media business management. Production of creative content for video, film, sports and broadcast TV, radio, cable, web, mobile technology, and other emerging communications utilizing video and audio.

Career Opportunities in

Video editor, camera operator, film/video producers, video effects artists, event videographer, sports videographer, audio/visual technician, live entertainment rentals and productions, corporate video/promotions, video for web sites, training video production, infomercial production, advertising video, web shopping videos, music videos

| Core Requirements | | Units |
|---|---|--------------|
| MEDIA 104 | Beginning Digital Video Production | 3 |
| | and | |
| MEDIA 111 | Basic Audio Production | 3 |
| | and | |
| MEDIA 115 | Media-based Computing: iLife and Mac OS X | 3 |
| | and | |
| MEDIA 129 | Portfolio Development | 1 |
| | and | |
| MEDIA 460B | AV Work Experience | 1 |
| Degree Major/Certificate Requirements: | | Units |
| MEDIA 125 | Scriptwriting for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 130 | Final Cut Pro I: Nonlinear Editing for Video, Broadcast and Digital Cinematography | 3 |
| Select two courses from the following: | | Units |
| MEDIA 120 | Making Documentaries | 3 |
| MEDIA 121 | Event Videography: Sports Video Production | 3 |
| MEDIA 122 | Music Video Production | 3 |
| MEDIA 180 | HDSLR Workflow for Digital Photography and Cinematography | 3 |
| MEDIA 181 | Digital Cinema Production in 4K | 3 |
| Select one course from the following: | | Units |
| MEDIA 112 | Media Freelancing and Entrepreneurship | 3 |
| MEDIA 131 | Final Cut Pro II: Nonlinear Editing for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 140 | After Effects: Motion Graphics for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 150 | Pro Tools: Sound Design/Aesthetics for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 151 | Making Podcasts – The New Wave of Broadcasting | 2 |
| MEDIA 155 | Advanced Music Video Production: Basic Recording | 3 |

| | | |
|--|---|-------------------------|
| MEDIA 156 | Advanced Music Video Production III: Mixing & Mastering | 3 |
| MEDIA 181 | Digital Cinema Production in 4K | 3 |
| MEDIA 180 | HDSLR Workflow for Digital Photography and Cinematography | 3 |
| Total Major Units | | Units 25 - 26 |
| General Education and Electives | | Units 34 - 35 |
| Total Units | | 60 |

PROGRAM OF STUDY

Economics AA-T Degree

Merritt College

TOP Code: 2204.00

Program Control Number:

The Associate in Arts in Economics for Transfer (AA-T) degree is intended to meet the lower division requirements for economics majors (or majors that have been deemed similar in the CSU system). The study of economics at Merritt College is intended to provide students with knowledge, appreciation, and ability to analyze the production, distribution and consumption of wealth in human society. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to their local CSU campus and to a program or major in economics or similar major. Students interested in the Associate in Arts in Economics for Transfer degree should consult with the Technology & Business Department Chair and a counselor. All Associate Degrees for Transfer (ADT) require the completion and certification of the California State University General Education Pattern (CSU GE) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern, as well as the specific ADT major degree requirements. Associate Degrees for Transfer do not require any additional college specific General Education requirements. As required by Senate Bill (SB) 1440 (Padilla) and California Education Code (CEC) section 66746(a), Associate Degrees for Transfer require: (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University. (2) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (3) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. (4) Obtainment of a minimum grade point average of 2.0. (5) A grade of “C” or better in all courses required for the major or area of emphasis. In addition, CEC section 66746 subdivision (b) prohibits a community college district from imposing any additional course requirements, In addition to these requirements, for a student to be eligible for the associate degree for transfer, and subdivision (e) prohibits allowing remedial non-collegiate level coursework to be counted toward the units required for the associate degree for transfer (AA-T or AS-T). Title 5 section 55002(b) describes such courses as nondegree-applicable credit courses.

Career Opportunities in

The goal of the Associate in Arts in Economics for Transfer (AA-T) degree is to prepare students interested in transferring and obtaining a baccalaureate degree in economics in the CSU system. Upon completion of the appropriate baccalaureate degree and education, students will be prepared to enter occupations such as the following: Economist (Financial, Political, Environmental, and Research and Education), Financial Advisor, Financial Analyst, Business Analyst, Actuary, Economic Affairs Officer, Accountant, Stock Broker, Investment Advisor, Banker, Economic Analyst, Budget Analyst, Industry Analyst, Loan Officer, Project Administrator, Research Assistant, State Policy Analyst, Statistician, Systems Analyst, Financial Examiner, and Auditor.

| Required Core: | | Units |
|---|---|-------------------------|
| ECON 001 | Principles of Economics (Macro-Economics) | 3 |
| ECON 002 | Principles of Economics (Micro-Economics) | 3 |
| MATH 013 | Introduction to Statistics | 4 |
| MATH 003A | Calculus I | 5 |
| Choose Two from the Following: | | Units |
| MATH 003B | Calculus II | 5 |
| BUS 001A | Financial Accounting | 4 |
| BUS 001B | Managerial Accounting | 4 |
| Total Units for the Major | | Units 19 - 20 |
| Units that may be double-counted: | | Units 9 |
| General Education (CSU GE or IGETC): | | Units 37 - 39 |

Electives (transferable courses):

Units

10 - 13

Total Units

60

PID 869

PROGRAM OF STUDY

INTERMEDIATE LANDSCAPE DESIGN AND CONSTRUCTION Certificate of Achievement

Merritt College

TOP Code: 0109.00

Program Control Number:

The Landscape Design and Construction Specialist trains students to work in the field of landscape design/build. The curriculum provides studies in design, construction, plant ID, and basic horticulture, topics that help a student obtain employment in the field, and provide foundational training towards becoming licensed landscape contractors, and related specialties. A Certificate of Achievement will be awarded upon the completion of the Major course requirements.

Career Opportunities in

This program includes topics that help a student obtain employment in the field, and provide foundational training towards becoming licensed landscape contractors, and related specialties.

Level A Requirements:

| | | Units |
|------------|---|--------------|
| LANHT 001 | Introduction to Landscape Horticulture with Lab (Day) | 3 |
| | or | |
| LANHT 001E | Introduction to Landscape Horticulture (Evening) | 3 |
| | and | |
| LANHT 023 | Plant Terminology | 2.5 |

Select one plant ID course from the following:*

| | | Units |
|---|--|--------------|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | | 3 |

**Select course(s) not previously taken.*

Plus Level B1 Requirements:

| | | Units |
|-------------|---------------------------------------|--------------|
| LANHT 014 | Landscape Construction with Lab (Day) | 3 |
| | or | |
| LANHT 014E | Landscape Construction (Evening) | 3 |
| | and | |
| LANHT 018A | Landscape Design | 3 |
| LANHT 018LA | Landscape Design Laboratory | 1 |
| LANHT 018B | Landscape Design | 3 |
| LANHT 018LB | Landscape Design Laboratory | 1 |
| | and | |
| LANHT 029 | Planting Design with Lab (Day) | 3 |
| | or | |
| LANHT 029E | Planting Design (Evening) | 4 |

Select one additional plant ID course from the following:*

| | | Units |
|---|--|--------------|
| LANHT 2 or 2E or 3 or 3E or 4 or 4E or 5A or 5B or 5EA or 5EB or 6A or 6B or 6EA or 6EB or 7 or 7E or 40 or 40E | | 3 |

**Select course(s) not previously taken.*

Select a minimum of 3 units from the following:*

| | | Units |
|------------|--|--------------|
| LANHT 008 | Turf ID, Culture and Management with Lab (Day) | 3 |
| | or | |
| LANHT 008E | Turf ID, Culture and Management (Evening) | 3 |
| LANHT 009A | SketchUp Pro I | 3 |
| LANHT 013 | Arboriculture with Lab (Day) | 3 |
| | or | |
| LANHT 013E | Arboriculture (Evening) | 3 |
| LANHT 031 | Site Operations for Landscape Designers and Builders | 3 |
| LANHT 033A | Design Evaluation of Bay Area Landscapes | 3 |
| LANHT 034A | Computer-Assisted Landscape Design | 3 |
| LANHT 035A | Advanced Landscape Design | 3 |
| LANHT 035B | Advanced Landscape Design | 3 |

**Select course(s) not previously taken.*

Total Units

28.5 - 29.5

PID 165

PROGRAM OF STUDY

AA Degree in Landscape Architecture A.A. Degree

Merritt College

TOP Code: 0109.10

Program Control Number:

Curriculum Committee Approval Date: 11/13/2014

The Associate of Arts Degree in Landscape Architecture provides students with the basic foundation and skills to pursue a career or further education in Landscape Architecture. Course topics include design process and principles, site analysis, site planning, planting design, construction, topographic form, graphic representation, computer assisted design, and professional practice. Students with this degree will fulfill three objectives: meet the minimum educational requirement to take the California Landscape Architects Registration Exam (LARE); obtain basic skills necessary to start work in a professional landscape design or design-build office; get basic preparation towards transferring to a four-year or graduate program in landscape architecture.

Career Opportunities in

The major criteria for professional success is a state-issued license, and an AA degree in landscape architecture provides the minimum educational requirement (in addition to a 5 year internship) to sit for the licensing exam, an exam that allows you to practice legally. The course work would also prepare a student for an entry level job in a landscape architecture office, enabling him or her to fulfill the internship requirement for licensing.

| Degree Major Requirements | | Units |
|----------------------------------|--|--------------|
| LANHT 002 | Plant Materials: Tree ID and Culture with Lab (Day) | 3 |
| | or | |
| LANHT 002E | Plant Materials: Tree ID and Culture (Evening) | 3 |
| | and | |
| LANHT 005A | Plant Materials: Fall Native Plant ID and Culture with Lab (Day) | 3 |
| | or | |
| LANHT 005B | Plant Materials: Spring Native Plant ID and Culture with Lab (Day) | 3 |
| | or | |
| LANHT 005EA | Plant Materials: Fall Native Plant ID and Culture (Evening) | 3 |
| | or | |
| LANHT 005EB | Plant Materials: Spring Native Plant ID and Culture (Evening) | 3 |
| | or | |
| LANHT 040 | Plant Materials: Mediterranean, South African and Australian Plant ID and Culture with Lab (Day) | 3 |
| | or | |
| LANHT 040E | Plant Materials: Mediterranean, South African and Australian Plant ID and Culture (evening) | 3 |
| | and | |
| LANHT 014 | Landscape Construction with Lab (Day) | 3 |
| | or | |
| LANHT 014E | Landscape Construction (Evening) | 3 |
| | and | |
| LANHT 017 | Irrigation with Lab (Day) | 3 |
| | or | |
| LANHT 017E | Irrigation (Evening) | 3 |
| | and | |
| LANHT 018A | Landscape Design | 3 |

| | | |
|---|--|--------------|
| LANHT 018LA | Landscape Design Laboratory | 1 |
| LANHT 018B | Landscape Design | 3 |
| LANHT 018LB | Landscape Design Laboratory | 1 |
| | and | |
| LANHT 029 | Planting Design with Lab (Day) | 3 |
| | or | |
| LANHT 029E | Planting Design (Evening) | 4 |
| | and | |
| LANHT 033A | Design Evaluation of Bay Area Landscapes | 3 |
| | and | |
| LANHT 034A | Computer-Assisted Landscape Design | 3 |
| | or | |
| LANHT 009A | SketchUp Pro I | 3 |
| | and | |
| LANHT 035A | Advanced Landscape Design | 3 |
| LANHT 057 | Form and Composition in Landscape Design | 3 |
| LANHT 060A | Freehand Drawing for Landscape Designers I | 3 |
| LANHT 210A | Landscape Design Forum I | 2 |
| Total Units for the Major: | | 40 - 41 |
| Units that may be double-counted: | | Units |
| | | 1 |
| General Education (PCCD GE Pattern): | | Units |
| | | 19 |
| Electives (degree-applicable courses): | | Units |
| | | 1 - 2 |
| Total Units | | 60 |

PROGRAM OF STUDY

Nutrition and Dietetics AS-T Degree

Merritt College

TOP Code: 1306.00

Program Control Number:

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) degree is intended to meet the lower division requirements for Nutrition and Dietetics majors (or majors that have been deemed similar in the CSU system). The AS-T degree prepares students to function in a variety of nutrition, public health and clinical settings and is for students who seek to transfer to a California State University institution or to prepare for a career in nutrition and dietetics by meeting the requirements to work in a variety of health and wellness settings. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to their local CSU campus and to a program or major in Nutrition and Dietetics or similar major. Students interested in the Associate in Science in Nutrition and Dietetics for Transfer degree should consult with the Nutrition Department Chair and a counselor. All Associate Degrees for Transfer (ADT) require the completion and certification of the California State University General Education Pattern (CSU-GE) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern, as well as the specific ADT major degree requirements. Associate Degrees for Transfer do not require any additional college specific General Education requirements. As required by Senate Bill (SB) 1440 (Padilla) and California Education Code (CEC) section 66746(a), Associate Degrees for Transfer require: (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University. (2) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (3) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. (4) Obtainment of a minimum grade point average of 2.0. (5) A grade of “C” or better in all courses required for the major or area of emphasis. In addition, CEC section 66746 subdivision (b) prohibits a community college district from imposing any additional course requirements, in addition to these requirements, for a student to be eligible for the associate degree for transfer, and subdivision (e) prohibits allowing remedial non-collegiate level coursework to be counted toward the units required for the associate degree for transfer (AA-T or AS-T). Title 5 section 55002(b) describes such courses as nondegree-applicable credit courses.

Career Opportunities in

Those completing the AS-T degree will be able to transfer to CSU campuses that prepare them for advanced study in a variety of graduate programs, as well as a variety of careers such as community nutrition specialist, teaching nutrition education, working as nutrition assistant in a hospital setting, or becoming a Dietetic Technician, Registered through the Academy of Nutrition and Dietetics. With a baccalaureate degree in Nutrition and Dietetics or similar baccalaureate degree, students are eligible to apply for a dietetic internship through the Academy of Nutrition and Dietetics to become a Registered Dietitian.

Required Courses:

| | | |
|------------|------------------------------------|---|
| BIOL 003 | Microbiology | 5 |
| CHEM 001A | General Chemistry | 5 |
| NUTR 010 | Nutrition | 4 |
| NUTR 031 | Food-Production Systems | 3 |
| PSYCH 001A | Introduction to General Psychology | 3 |

Select Two from the Following:

| | | |
|-------------|----------------------------|---|
| BIOL 002 | Human Anatomy | 5 |
| | or | |
| BIOL 004 | Human Physiology | 5 |
| | and | |
| CHEM 012A * | Organic Chemistry | 5 |
| MATH 013 | Introduction to Statistics | 4 |

Total Units for the Major:

Units
29 - 30

| | |
|---|-------------------------|
| Units that may be double-counted: | Units 10 - 15 |
| General Education (CSU-GE or IGETC): | Units 37 - 39 |
| Electives (transferable courses): | Units 3 - 7 |
| <hr/> Total Units | <hr/> 60 |

*CHEM 012A requires CHEM 001A and CHEM 001B as prerequisites

PID 857

PROGRAM OF STUDY

RADIOLOGIC SCIENCE A.S. Degree

Merritt College

TOP Code: 1225.00

Program Control Number: 1210

General Information The purpose of the Merritt College Radiologic Science Program is to prepare qualified practitioners to practice the art and science of medical imaging. Radiologic Technologists manipulate sophisticated technical equipment and computers to obtain detailed images of the human body. These images assist physicians in the diagnosis of injury and disease in the clinical environment. Radiologic Technologists work in hospitals, clinics, imaging centers, and physician's offices. A successful and competent Radiologic Technologist is one who works well as a team member, thinks critically, solves problems creatively, possesses strong technical skills, and cares for patients with sensitivity and compassion. The technologist must be flexible and able to work with patients from diverse cultural backgrounds with various needs, abilities, injuries, and disease processes. The program's student learning outcomes focus on developing these important characteristics in program graduates. Upon completion of the program graduates will be able to: 1. Produce diagnostic quality medical images in a competent, safe, and compassionate manner for all basic radiography examinations in a hospital work environment. 2. Communicate effectively with patients by taking appropriate histories, giving clear instructions, and providing information as needed. 3. Exercise critical thinking and problem solving skills by adapting radiologic procedures to individual patient needs and conditions 4. Establish and maintain satisfactory professional relationships with other members of the health care team. 5. Function as an effective health care team member by providing services in a manner that complements those performed by other team members. The AS degree and the Certificate in Radiologic Science will be awarded upon satisfactory completion of the Prerequisite requirements, the General Education requirements, and the Major course requirements. The certificate-only option is available only to those who have already earned an Associate degree or higher. The curriculum includes a clinical practicum at various East Bay hospitals. This is a continuous program of 24 months duration. Students applying to the program must be prepared to make a full-time commitment (approximately 36 hours per week during daytime hours) for two full years, including summers. Upon successful completion of the required courses in Radiologic Science and the Merritt College Associate Degree requirements (or equivalent), the student is eligible to take the American Registry of Radiologic Technologists examination required for licensure and practice in the state of California. Upon successful completion of the program and obtaining the California certificate, graduates will qualify for employment as Radiologic Technologists performing a wide variety of patient radiographic procedures in hospitals, clinics, and medical offices and imaging centers. The program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182 (www.jrcert.org), and the California Department of Public Health, Radiologic Health Branch, MS 7610, PO Box 997414, Sacramento, CA 95899-7414 (<http://www.cdph.ca.gov/programs/Pages/RadiologicHealthBranch.aspx>).

Enrollment Enrollment in the program is every year in the Fall semester, by special application directly to the Radiologic Science program. The application period is EVERY OTHER YEAR (even years) between January 15 and April 15. All courses used for consideration for enrollment must be completed before the application deadline date. All supporting documents must be received no later than April 15 of the application year. Please be advised that due to the number of applications received by the program, qualified students generally remain on a wait list for 2-3 years before entry into the program. A. Eligibility Requirements: 1. Completion of high school or GED test or equivalent (must provide proof). 2. Completion of all prerequisite courses prior to application with a "C" grade or better for each course and an overall GPA of 2.5 or better (for prerequisite courses only). 3. Prerequisite courses must be current within 7 years. 4. Currency for old Math courses may be established by taking the Math Assessment test (available through the Merritt College Counseling department). A copy of the assessment test scores must be submitted with the application packet if pertinent. 5. Completion of all general education requirements for the Associate Degree. Students with prior Associate Degrees or higher meet this requirement. Due to the high volume of program applicants, students who have not met this requirement will not be enrolled in the program nor placed on the wait list. 6. Students must obtain medical clearance (at their own expense) and show proof of immunity to hepatitis, diphtheria, tetanus, polio, rubeola, rubella, mumps, and chicken pox before enrolling in the program. A negative Tuberculosis screen (PPD skin test or Chest X-ray) is also required. 7. Students must obtain a drug screen and background check (at their own expense) prior to enrolling in the program. Students with a history of illegal substance abuse and/or felony convictions including abuse or fraud may be excluded from participating in clinical education and from taking the ARRT licensing examination. Other types of offenses may also result in exclusion from clinical education (at the discretion of the clinical affiliate) and/or the licensing examination. Students with such histories are required to complete a pre-application review with the American Registry of Radiologic Technologists (www.arrt.org, 651-687-0048 ext. 580). Students who are unable to obtain a provisional clearance with the ARRT will not be permitted to enter the program. B. Application Procedures: (Between January 15 and April 15 every other year-even years) After completion of the prerequisite courses and General Education courses applicants shall: 1. Request three official sets and one unofficial set of transcripts from all colleges attended outside of the Peralta Community College District (two sets of unofficial transcripts from colleges within the Peralta Community College District are OK). One set should be sent directly to the Peralta Community College District Admissions office (333 East 8th St., Oakland, CA 94606). Order two official sets and one unofficial set to be sent directly to you. Two official sets from each college must remain sealed to be submitted to the Radiologic Science Department along with the application packet. The unofficial set is for review by the enrollment evaluator and the counseling department at Merritt College and may be opened and reviewed by the student. Transcripts sent directly to the Merritt College Radiologic Science Department without accompanying application materials will not be retained. 2. Request one set of high school transcripts or provide proof of high school completion (a copy of the diploma or GED certificate, or equivalent). This document must be submitted with the application packet, no exceptions are made. 3. Schedule an appointment during the application period (between January 15th and April 15th 2012) with the Radiologic Science enrollment evaluator (see the Allied Health secretary in D102 or call 436-2422) for verification of the

prerequisite courses and a record of General Education courses completed. Upon verification, the evaluator will complete a "Permit to Apply" form and give you an application. The completed "Permit to Apply" and General Education verification will be forwarded directly to the Radiologic Science Department by the evaluator. Applicants are responsible for submitting the application, proof of high school completion or GED, and transcripts from all colleges attended. Application materials will not be considered for students who have unfinished prerequisite courses and/or have not completed ALL General Education requirements by the deadline date. 4. Submit the complete application packet directly to the Radiologic Science Department. An application packet consists of the following: A. Permit to Apply, a record of General Education coursework completed (verified and delivered by the evaluator), the completed application, less than 7 years old, proof of high school graduation (or equivalent), and two official (unopened) sets of transcripts from each college attended (including colleges in the Peralta Community College District). The application packet may be hand-delivered to the Allied Health office in D 102 on the Merritt Campus, or mailed to the Merritt College Radiologic Science Department, 12500 Campus Drive, Oakland, CA 94619. Incomplete application packets will be returned to the student. C. Post-Admission Requirement: By the end of the first semester of the program, the student shall provide proof of current CPR (Basic Life Support for the Health Care Provider) certification, to be kept current throughout the length of the program. Tuberculosis screening must also be kept current throughout the length of the program. Prerequisite Requirements Students must have completed the four prerequisite courses, with a grade of "C" or better on each course, before applying to the program. Additionally, the average GPA for the four prerequisites courses must be at least 2.5. All prerequisite courses must be current within 7 years. Old Math grades may be validated for currency by taking the Math Assessment test available by appointment through the counseling department. The prerequisites include: A. Survey of Radiologic Science, RADSC 1A (this course may not be waived for any reason. It must be taken at Merritt College to qualify). B. Intermediate Algebra, Math 203 or higher (equivalent may be taken at other colleges). This course is required effective Fall 2009 unless student has catalog rights to an earlier requirement. See section on "catalog rights" in the college catalog or a counselor for more information). C. Anatomy and Physiology (must be a two-semester course with a minimum of 8 total units and include a lab. Equivalent may be taken at other colleges). At Merritt there are two options that qualify: Bio 20A AND 20B (5 units each, 10 units total) OR Bio 2 AND Bio 4 (5 units each, 10 units total) ? Highly Recommended Preparation Computer Proficiency Expectations: Students entering the program are expected to demonstrate proficiency using Microsoft Word, e-mail, PowerPoint presentation software, and navigating the internet. Students who are not proficient should see #1 below. Additional Recommendations The following specific coursework and experiences are recommended as preparation for the program. While not required for enrollment, completing these courses prior to entering may increase the likelihood of successful program completion. Coursework 1. Introduction to Computer Information Systems (CIS 1 at Merritt) or an equivalent course(s). Course or a combination of courses should result in proficiency in the use of Microsoft Word, Powerpoint presentation software, navigating the Internet, and e-mail. 2. Higher Mathematics (such as College Algebra, Pre-Calculus, or Calculus) 3. Physics such as Introduction to Physics, General Physics or Physics of Radiation and/or Electromagnetism. 4. Medical Terminology 5. Professional or Business Communications Recommended coursework may satisfy some of the General Education requirements. Students should meet with a Merritt College counselor to plan accordingly. Experiences 1. Work experience (as an employee or volunteer) in a health care environment, preferably involving direct patient care. 2. Customer service experience (as an employee or volunteer) involving face-to-face contact and communication with the public. Student Selection Process In the likely event that the number of qualified applicants exceeds the available program slots, a lottery will be used as a means of student selection. Qualified applicants on the wait list from the previous year are given priority for the current year's selection process. Detailed information regarding the status of the student selection process for a particular application period may be obtained from the Radiologic Science Department and will be presented in the prerequisite course, Survey of Radiologic Science. Depending on the number of clinical placements available at affiliate sites, the program accepts approximately 29 students per year. All applicants will be notified of acceptance status.

Career Opportunities in

Radiologic Technology

Required Courses:

| | | Units |
|------------|--|--------------|
| RADSC 001B | Introduction to Medical Imaging | 2 |
| RADSC 001C | Introduction to Medical Imaging Clinic | 2.5 |
| RADSC 002A | Radiographic Physics I | 2 |
| RADSC 002B | Radiographic Physics II | 4 |
| RADSC 002C | Digital Applications in Medical Imaging | 4 |
| RADSC 003A | Positioning I | 4 |
| RADSC 003B | Positioning II | 4 |
| RADSC 004A | Radiation Protection | 2 |
| RADSC 004B | Radiobiology | 2 |
| RADSC 005A | Patient Care I | 3 |
| RADSC 005B | Patient Care II | 3 |
| RADSC 006 | Quality Management/Fluoroscopy | 2.5 |
| RADSC 007 | Advanced Imaging Procedures | 3 |
| RADSC 008 | Sectional Anatomy and Radiographic Pathology | 4 |
| RADSC 009A | Clinical Experience I | 4 |
| RADSC 009B | Clinical Experience II | 4 |
| RADSC 009C | Clinical Experience III | 6 |
| RADSC 009D | Clinical Experience IV | 6 |

| | | |
|---|--|--------------------|
| RADSC 009E | Clinical Experience V | 6 |
| RADSC 010A | Seminar | 1.5 |
| RADSC 010B | Seminar | 1.5 |
| Total Units for the Major: | | Units 71 |
| General Education (PCCD GE Pattern): | | Units 19 |
| Sequence: | | |
| FIRST YEAR | | Units |
| FIRST SEMESTER (FALL) | | |
| RADSC 001B | Introduction to Medical Imaging | 2 |
| RADSC 001C | Introduction to Medical Imaging Clinic | 2.5 |
| RADSC 002A | Radiographic Physics I | 2 |
| RADSC 003A | Positioning I | 4 |
| RADSC 005A | Patient Care I | 3 |
| SECOND SEMESTER (SPRING) | | Units |
| RADSC 002B | Radiographic Physics II | 4 |
| RADSC 003B | Positioning II | 4 |
| RADSC 009A | Clinical Experience I | 4 |
| (16 hours per week) | | |
| THIRD SEMESTER (SUMMER) | | Units |
| RADSC 004A | Radiation Protection | 2 |
| RADSC 004B | Radiobiology | 2 |
| RADSC 010A | Seminar | 1.5 |
| RADSC 009B | Clinical Experience II | 4 |
| (24 hours per week) | | |
| SECOND YEAR | | Units |
| FOURTH SEMESTER (FALL) | | |
| RADSC 002C | Digital Applications in Medical Imaging | 4 |
| RADSC 005B | Patient Care II | 3 |
| RADSC 009C | Clinical Experience III | 6 |
| (24 hours per week) | | |
| FIFTH SEMESTER (SPRING) | | Units |
| RADSC 006 | Quality Management/Fluoroscopy | 2.5 |
| RADSC 008 | Sectional Anatomy and Radiographic Pathology | 0 - 4 |
| RADSC 007 | Advanced Imaging Procedures | 3 |
| RADSC 009D | Clinical Experience IV | 6 |
| (24 hours per week) | | |
| SIXTH SEMESTER (SUMMER) | | Units |
| RADSC 010B | Seminar | 1.5 |
| RADSC 009E | Clinical Experience V | 6 |
| (36 hours per week) | | |

Total Units

90

PID 385

PROGRAM OF STUDY

RADIOLOGIC SCIENCE Certificate of Achievement

Merritt College

TOP Code: 1225.00

Program Control Number: 22023

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prerequisite courses and a record of General Education courses completed. Upon verification, the evaluator will complete a "Permit to Apply" form and give you an application. The completed "Permit to Apply" and General Education verification will be forwarded directly to the Radiologic Science Department by the evaluator. Applicants are responsible for submitting the application, proof of high school completion or GED, and transcripts from all colleges attended. Application materials will not be considered for students who have unfinished prerequisite courses and/or have not completed ALL General Education requirements by the deadline date. 4. 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Post-Admission Requirement: By the end of the first semester of the program, the student shall provide proof of current CPR (Basic Life Support for the Health Care Provider) certification, to be kept current throughout the length of the program. Tuberculosis screening must also be kept current throughout the length of the program. Prerequisite Requirements Students must have completed the four prerequisite courses, with a grade of "C" or better on each course, before applying to the program. Additionally, the average GPA for the four prerequisites courses must be at least 2.5. All prerequisite courses must be current within 7 years. Old Math grades may be validated for currency by taking the Math Assessment test available by appointment through the counseling department. The prerequisites include: A. Survey of Radiologic Science, RADSC 1A (this course may not be waived for any reason. It must be taken at Merritt College to qualify). B. 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Customer service experience (as an employee or volunteer) involving face-to-face contact and communication with the public. Student Selection Process In the likely event that the number of qualified applicants exceeds the available program slots, a lottery will be used as a means of student selection. Qualified applicants on the wait list from the previous year are given priority for the current year's selection process. Detailed information regarding the status of the student selection process for a particular application period may be obtained from the Radiologic Science Department and will be presented in the prerequisite course, Survey of Radiologic Science. Depending on the number of clinical placements available at affiliate sites, the program accepts approximately 29 students per year. All applicants will be notified of acceptance status. to Apply, a record of General Education coursework completed (verified and delivered by the evaluator), the completed application, assessment test scores to validate Math classes more than 7 years old, proof of high school graduation (or equivalent), and two official (unopened) sets of transcripts from each college attended (including colleges in the Peralta Community College District). The application packet may be hand-delivered to the Allied Health office in D 102 on the Merritt Campus, or mailed to the Merritt College Radiologic Science Department, 12500 Campus Drive, Oakland, CA 94619. Incomplete application packets will be returned to the student. C. Post-Admission Requirement: By the end of the first semester of the program, the student shall provide proof of current CPR (Basic Life Support for the Health Care Provider) certification, to be kept current throughout the length of the program. Tuberculosis screening must also be kept current throughout the length of the program. Prerequisite Requirements Students must have completed the four prerequisite courses, with a grade of "C" or better on each course, before applying to the program. Additionally, the average GPA for the four prerequisites courses must be at least 2.5. All prerequisite courses must be current within 7 years. Old Math grades may be validated for currency by taking the Math Assessment test available by appointment through the counseling department. The prerequisites include: A. Survey of Radiologic Science, RADSC 1A (this course may not be waived for any reason. It must be taken at Merritt College to qualify). B. Intermediate Algebra, Math 203 or higher (equivalent may be taken at other colleges). This course is required effective Fall 2009 unless student has catalog rights to an earlier requirement. See section on "catalog rights" in the college catalog or a counselor for more information). C. 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and will be presented in the prerequisite course, Survey of Radiologic Science. Depending on the number of clinical placements available at affiliate sites, the program accepts approximately 29 students per year. All applicants will be notified of acceptance status.

| Required Courses: | | Units |
|--------------------------|--|--------------|
| RADSC 001B | Introduction to Medical Imaging | 2 |
| RADSC 001C | Introduction to Medical Imaging Clinic | 2.5 |
| RADSC 002A | Radiographic Physics I | 2 |
| RADSC 002B | Radiographic Physics II | 4 |
| RADSC 002C | Digital Applications in Medical Imaging | 4 |
| RADSC 003A | Positioning I | 4 |
| RADSC 003B | Positioning II | 4 |
| RADSC 004A | Radiation Protection | 2 |
| RADSC 004B | Radiobiology | 2 |
| RADSC 005A | Patient Care I | 3 |
| RADSC 005B | Patient Care II | 3 |
| RADSC 006 | Quality Management/Fluoroscopy | 2.5 |
| RADSC 007 | Advanced Imaging Procedures | 3 |
| RADSC 008 | Sectional Anatomy and Radiographic Pathology | 4 |
| RADSC 009A | Clinical Experience I | 4 |
| RADSC 009B | Clinical Experience II | 4 |
| RADSC 009C | Clinical Experience III | 6 |
| RADSC 009D | Clinical Experience IV | 6 |
| RADSC 009E | Clinical Experience V | 6 |
| RADSC 010A | Seminar | 1.5 |
| RADSC 010B | Seminar | 1.5 |

Sequence:

| FIRST YEAR FIRST SEMESTER (FALL) | | Units |
|---|--|--------------|
| RADSC 001B | Introduction to Medical Imaging | 2 |
| RADSC 001C | Introduction to Medical Imaging Clinic | 2.5 |
| RADSC 002A | Radiographic Physics I | 2 |
| RADSC 003A | Positioning I | 4 |
| RADSC 005A | Patient Care I | 3 |

| SECOND SEMESTER (SPRING) | | Units |
|---------------------------------|-------------------------|--------------|
| RADSC 002B | Radiographic Physics II | 4 |
| RADSC 003B | Positioning II | 4 |
| RADSC 009A | Clinical Experience I | 4 |
| (16 hours per week) | | |

| THIRD SEMESTER (SUMMER) | | Units |
|--------------------------------|------------------------|--------------|
| RADSC 004A | Radiation Protection | 2 |
| RADSC 004B | Radiobiology | 2 |
| RADSC 010A | Seminar | 1.5 |
| RADSC 009B | Clinical Experience II | 4 |
| (24 hours per week) | | |

| SECOND YEAR FOURTH SEMESTER (FALL) | | Units |
|---|---|--------------|
| RADSC 002C | Digital Applications in Medical Imaging | 4 |
| RADSC 005B | Patient Care II | 3 |
| RADSC 009C | Clinical Experience III | 6 |

(24 hours per week)

FIFTH SEMESTER (SPRING)

| | | Units |
|------------|--|--------------|
| RADSC 006 | Quality Management/Fluoroscopy | 2.5 |
| RADSC 008 | Sectional Anatomy and Radiographic Pathology | 0 - 4 |
| RADSC 007 | Advanced Imaging Procedures | 3 |
| RADSC 009D | Clinical Experience IV | 6 |

(24 hours per week)

SIXTH SEMESTER (SUMMER)

| | | Units |
|------------|-----------------------|--------------|
| RADSC 010B | Seminar | 1.5 |
| RADSC 009E | Clinical Experience V | 6 |

(36 hours per week)

Total Units

71

PID 876

PROGRAM OF STUDY

VIDEO PRODUCTION FOR VIDEO, BROADCAST AND DIGITAL CINEMATOGRAPHY A.A. Degree

Laney College

TOP Code: 0604.20

Program Control Number: 9024

Curriculum Committee Approval Date: 02/20/2015

The major in Video Production for Video, Broadcast and Digital Cinematography covers the entire range of digital video media production, from script development, hands-on professional 2K and 4K production equipment, current editing and other post-production applications, distribution, and media business management. Production of creative content for video, film, sports and broadcast TV, radio, cable, web, mobile technology, and other emerging communications utilizing video and audio.

Career Opportunities in

Video editor, camera operator, film/video producers, video effects artists, event videographer, sports videographer, audio/visual technician, live entertainment rentals and productions, corporate video/promotions, video for web sites, training video production, infomercial production, advertising video, web shopping videos, music videos

| Core Requirements | | Units |
|---|---|--------------|
| MEDIA 104 | Beginning Digital Video Production | 3 |
| | and | |
| MEDIA 111 | Basic Audio Production | 3 |
| | and | |
| MEDIA 115 | Media-based Computing: iLife and Mac OS X | 3 |
| | and | |
| MEDIA 129 | Portfolio Development | 1 |
| | and | |
| MEDIA 460B | AV Work Experience | 1 |
| Degree Major/Certificate Requirements: | | Units |
| MEDIA 125 | Scriptwriting for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 130 | Final Cut Pro I: Nonlinear Editing for Video, Broadcast and Digital Cinematography | 3 |
| Select two courses from the following: | | Units |
| MEDIA 120 | Making Documentaries | 3 |
| MEDIA 121 | Event Videography: Sports Video Production | 3 |
| MEDIA 122 | Music Video Production | 3 |
| MEDIA 180 | HDSLR Workflow for Digital Photography and Cinematography | 3 |
| MEDIA 181 | Digital Cinema Production in 4K | 3 |
| Select one course from the following: | | Units |
| MEDIA 112 | Media Freelancing and Entrepreneurship | 3 |
| MEDIA 131 | Final Cut Pro II: Nonlinear Editing for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 140 | After Effects: Motion Graphics for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 150 | Pro Tools: Sound Design/Aesthetics for Video, Broadcast and Digital Cinematography | 3 |
| MEDIA 151 | Making Podcasts – The New Wave of Broadcasting | 2 |
| MEDIA 155 | Advanced Music Video Production: Basic Recording | 3 |

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| MEDIA 156 | Advanced Music Video Production III: Mixing & Mastering | 3 |
| MEDIA 181 | Digital Cinema Production in 4K | 3 |
| MEDIA 180 | HDSLR Workflow for Digital Photography and Cinematography | 3 |
| Total Major Units | | Units 25 - 26 |
| General Education and Electives | | Units 34 - 35 |
| Total Units | | 60 |

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