

PROGRAM OF STUDY

Game Design Level I Certificate of Achievement

Berkeley City College

TOP Code: 0614.20

Program Control Number:

Board of Trustees Date: 01/01/2016

Curriculum Committee Approval Date: 04/16/2015

The Multimedia Arts Certificates of Achievement in Game Design are available at Level I and Level II. Students who have little background in game design are encouraged to complete Level I prior to the Level II Certificate of Achievement. The Game Design Level I Certificate of Achievement provides introductory technical training in game design and programming techniques, allowing students to prepare for positions in the industry such as pre-visualization and game testing. 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

pre-visualization, game testing, technical artist.

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:

Board of Trustees Date: 01/01/2016

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. Students who have little background in game design are encouraged to complete Level I prior to Level II. The Game Design Level II Certificate of Achievement provides comprehensive technical training in game design, prototyping, and programming techniques, allowing students to prepare for entry level positions in various fields of Game, Medical Visualization and Simulation industries as level designers, technical artists, and production assistants. 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 class.

Career Opportunities in

entry level positions in various fields of Game, Medical Visualization and Simulation industries as level designers, technical artists, and production assistants.

Required Courses

		Units
CIS 023	C# Programming	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 5-7 units from the from the following:

		Units
BUS 102	Social Networking Tools for Job Searches	1
CIS 036A	Java Programming Language I	4
MMART 148B	Sound for Film & Animation	2
MMART 148LB	Sound for Film & Animation Lab	1
MMART 167	Mobile and Cross-Platform Web Design	2
MMART 167L	Mobile and Cross-Platform Web Design	1
MMART 170	Virtual Reality and Digital Spaces	2
MMART 170L	Virtual Reality and Digital Spaces	1
MMART 186	Introduction to 2D Digital Animation	2
MMART 186L	Introduction to 2D Digital Animation Lab	1
MMART 188	Introduction to 3D Animation I	3
MMART 192	3D Rigging for Animation and Game Design	3

Total Units

18 - 20

PID 848

PROGRAM OF STUDY

History AA-T Degree

Berkeley City College

TOP Code: 2205.00

Program Control Number: 32292

State Approval Date: 11/05/2013

The Associate in Arts for Transfer Degree (AA-T) in History is designed to provide students with an understanding of a diverse array of societies and how the historical process informed the content of world culture. Through the course work associated with the History AA-T, students will address questions of identity, knowledge, consciousness, intelligibility, communication, and meaning as they compass the broad disciplinary terrain of history. Students who successfully complete the AA-T in History 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 History 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) 18-20 semester units with a grade of C or P or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. See page XX for a more detailed description of Associate Degrees for Transfer. Students are advised to consult with a Berkeley City College counselor and/or the Social Sciences Department Chair for additional information and to verify transfer requirements.

Career Opportunities in

N/A

Required Courses		Units
HIST 007A	History of the United States to 1877	3
HIST 007B	History of the United States	3
List A—Select 6 units from the following:		Units
HIST 002A	History of European Civilization	3
	and	
HIST 002B	History of European Civilization	3
	or	
HIST 003A	World History to 1500	3
	and	
HIST 003B	Modern World History: 1500-Present	3
List B—Select 3 units from the following:		Units
HIST 001	American Indian History and Culture	3
HIST 008B	History of Latin-American Civilization	3
HIST 010B	History of Africa since 1750	3
HIST 021	U.S. Women: A Social History	3
HIST 031	Contemporary Middle East: Politics of Nationalism	3
List C—Select 3 units from the following:		Units
ART 001	Introduction to Art History	3
ETHST 001	Introduction to Ethnic Studies	3
HIST 019	History of California	3
HIST 032	The United States Since 1945	3
HIST 038	Current World Problems	3

WS 001

Introduction to Women's Studies

3

Unit Calculation

	Units
Total Units for the Major	18 - 20
Total Units that may be double-counted	3 - 11
General Education (CSU GE or IGETC) Units	37 - 39
Elective (CSU Transferable) Units	4 - 11
Total Degree Units	60

Total Units

60

PID 884

Introduction to Early Childhood Education for Family Child Care Providers in Certificate of Completion (non-credit)

Top Code: 1305.40

The **Introduction to Early Childhood Education for Family Child Care Providers Certificate of Completion** is the second of two certificates intended for families and caregivers of children ages 0-8 who are seeking resources to further their knowledge of child development. These certificates also prepare students for entry into credit courses in child development at Merritt College or other community colleges. Entry level jobs in child development are available for English language learners and those with lower levels of basic skills. In-home caregivers, nannies, family childcare providers and teacher’s aides are often recruited based on proficiency in languages other than English, cultural competency and a genuine desire to work with young children. This paired certificate between the ESL and Child Development Departments allows for non-credit students, families and individuals exploring careers with children to enroll in courses that teach important child development content specific to early childhood years (0-8), paired with language and literacy development in English.

A student completing this program will learn the content and the language necessary to read, write and converse in English about the basics of early childhood education and development theories and how to care for children in their early childhood years. There are no prerequisites for this program though it is recommended that students complete the Introduction to Infant/Toddler Care Certificate of Completion before entering the courses for this certificate.

Requirements	Dept. Name/#	Name	Units	Sequence
Required Core	CHDEV 504	Introduction to Early Childhood Development for Family Child Care Providers	0	Yr 1, Spring
	CHDEV 505	Introduction to Early Childhood Education Curriculum for Family Child Care Providers	0	Yr 1, Spring
	ESL 504	English for Early Childhood Development	0	Yr 1, Spring
	ESL 505	English for Early Childhood Education Curriculum	0	Yr 1, Spring

Required Core Total Courses: 4 courses

TOTAL COURSES: 4 courses

Introduction to Infant/Toddler Care Certificate of Completion (non-credit)

Top Code: 1305.40

The Introduction to Infant/Toddler Care Certificate of Completion is the first of two certificates intended for families and caregivers of children ages 0-8 who are seeking resources to further their knowledge of child development. These certificates also prepare students for entry into credit courses in child development at Merritt College or other community colleges. Entry level jobs in child development are available for English language learners and those with lower levels of basic skills. In-home caregivers, nannies, family childcare providers and teacher's aides are often recruited based on proficiency in languages other than English, cultural competency and a genuine desire to work with young children. This paired certificate between the ESL and Child Development Departments allows for non-credit students, families and individuals exploring careers with children to enroll in courses that teach important child development and child-rearing content specific to infant/toddler years, paired with language and literacy development in English.

A student completing this program will learn the content and the language necessary to read, write and converse in English about the basics of infant/toddler care theories and how to care for children in their infant/toddler years. There are no prerequisites for this program though it is recommended that students are high-beginning English Language Learners.

Requirements	Dept. Name/#	Name	Units	Sequence
Required Core	CHDEV 502	Introduction to Infant/Toddler Development	0	Yr 1, Fall
	CHDEV 503	Introduction to Infant/Toddler Curriculum	0	Yr 1, Fall
	ESL 502	English for Infant/Toddler Development	0	Yr 1, Fall
	ESL 503	English for Infant/Toddler Curriculum	0	Yr 1, Fall

Required Core Total Courses: 4 courses

TOTAL COURSES: 4 courses