

BERKELEY CITY COLLEGE CATALOG SUPPLEMENT 2013–2015



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BERKELEY CITY COLLEGE
CATALOG
SUPPLEMENT
2013-15



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Published: January 16, 2015

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CATALOG SUPPLEMENT 2013-15

The Berkeley City College Catalog Supplement for 2013-15 is a summary of additions, deactivations, and changes that have been made in curriculum and policies affecting students since the publication of the 2013-15 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title. These notations are as follows: F13=Fall 2013, S14=Spring 2014, M14=Summer 2014, F14=Fall 2014, S15=Spring 2015.

ACCURACY STATEMENT

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

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
ART 190A	<p>BEGINNING DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in MMART 190A.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Composition, seeing, formalism; introduction to studio lighting; defining a series or larger creative project; structure of the art world; verbal communication of creative ideas; development of photographs in Adobe Photoshop 6; use of Adobe Bridge; presentation of photographs; history of photography; critiques. 1011.00</p>	F14
ART 190B	<p>INTERMEDIATE DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in MMART 190B.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Composition study; studio lighting for table top set-ups; working on a coherent series of photographs; introduction to art marketing; artist statements; development of photographs in Adobe Photoshop using curves; presentation of photographs; history and theory of photography; critiques. 1011.00</p>	F14
ART 190C	<p>ADVANCED DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in MMART 190C.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Conscious use of formal aesthetic methods; advanced techniques in studio lighting; refining a coherent series of photographs; art marketing; the structure of the art world; development of photographs in Adobe Photoshop; presentation of photographs; history and theory of photography; critiques. 1011.00</p>	F14
ART 190D	<p>DIGITAL FINE ART PHOTOGRAPHY: PORTFOLIO 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in MMART 190D.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Conscious use of formal aesthetic methods; supplemental light on location; execution and completion of a series of photographs; art marketing strategies; development of photographs in Adobe Photoshop and other industry standard software programs; presentation of photographs in print; history and theory of photography; critiques. 1011.00</p>	F14

COURSE ADDITIONS		
DEPT/NO.	COURSE TITLE/INFORMATION	EFF
BIOL 230C	<p>ADVANCED SCIENTIFIC METHODS 3 Units, 1.5 Hours Lecture, 4.5 Hours Lab (GR) <i>Prerequisite: BIOL 10, BIOL 34, and BIOL 230B. Corequisite: BIOL 33. Recommended Preparation: CIS 1 and BIOL 32</i> Advanced experimental techniques and research methods: Embryonic and induced pluripotent stem cells, micromanipulation techniques, use of FACS, microarrays, mass spectrometry, quantitative PCR, DNA sequencing methods and bioinformatics. 0430.00 <i>AA/AS area 1</i></p>	F14
BUS 19	<p>BUSINESS COMMUNICATIONS 3 Units, 3 Hours Lecture (GR or P/NP) <i>Prerequisite: ENGL 1A</i> <i>Acceptable for credit: CSU</i> Principles of ethical and effective communication for a variety of business situations: Planning, organizing, composing, and revising business documents, including letters, memos, emails, and written reports; creating and delivering professional-level oral reports. 0501.00 <i>AA/AS area 4d</i></p>	F14
CIS 83A	<p>WEB PROGRAMMING CAPSTONE PROJECT 3 Units, 1 Hour Lecture, 6 Hours Lab (GR or P/NP) <i>Prerequisite: CIS 36A, 81, 84, 85, and 103</i> <i>Acceptable for credit: CSU</i> Substantial client-specified work-like project: Team project includes writing, analyzing, designing, implementing, testing, documenting, and presenting to client; use of programming and systems analysis skills developed in previous courses; demonstration of mastery of program competencies. 0707.10 <i>AA/AS area 4c</i></p>	
CIS 83B	<p>COMPUTER PROGRAMMING CAPSTONE PROJECT 3 Units, 1 Hour Lecture, 6 Hours Lab (GR or P/NP) <i>Prerequisite: CIS 27, CIS 36A, CIS 81, and CIS 082</i> <i>Acceptable for credit: CSU</i> Culminating project-based experience that applies computer programming knowledge and skills developed in previous courses towards the design, implementation, testing, documentation, and presentation of an specific idea, task, or product. 0707.10 <i>AA/AS area 4c</i></p>	F14
CIS 231A	<p>ADVANCED LABORATORY PROJECTS IN WORD 1 Units, 3 Hours Lab (GR or P/NP) <i>Recommended Preparation: CIS 1</i> Advanced word skills: Creating templates and themes, adding multimedia to documents, and protecting documents by completing specialized projects. 0702.00 <i>AA/AS area 4c</i></p>	F14

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
CIS 231B	<p>ADVANCED LABORATORY PROJECTS IN OUTLOOK <i>1 Units, 3 Hours Lab (GR or P/NP)</i> <i>Recommended Preparation: CIS 1</i> Outlook: Perform scheduling, manage tasks and meetings, manage contacts and emails, manage communication, and work efficiently by completing specialized projects. 0702.00 <i>AA/AS area 4c</i></p>	F14
CIS 231C	<p>ADVANCED LABORATORY PROJECTS IN SHAREPOINT <i>1 Units, 3 Hours Lab (GR or P/NP)</i> <i>Recommended Preparation: CIS 1</i> SharePoint: Collaborating on activities, sharing data, and presenting business applications and content by completing specialized projects. 0702.00 <i>AA/AS area 4c</i></p>	F14
CIS 231D	<p>ADVANCED LABORATORY PROJECTS IN ONENOTE <i>1 Units, 3 Hours Lab (GR or P/NP)</i> <i>Recommended Preparation: CIS 1</i> OneNote: Creating, collecting, categorizing, organizing, and searching documents and notes by completing specialized projects. 0702.00 <i>AA/AS area 4c</i></p>	F14
EDUC 98	<p>PEDAGOGY OF READING <i>3 Units, 3 Hours Lecture (GR or P/NP)</i> <i>Corequisite: EDUC 97</i> <i>Acceptable for credit: CSU</i> Pedagogy of reading: Theoretical perspectives on reading and reading pedagogy; decoding techniques; reading comprehension techniques; schema building and activation; cognitive and social factors contributing to reading disabilities; reading across the curriculum. 0802.00</p>	F14
EDUC 99	<p>INTRODUCTION TO SPECIAL NEEDS PEDAGOGY <i>3 Units, 3 Hours Lecture (GR or P/NP)</i> <i>Acceptable for credit: CSU</i> Special Needs Pedagogy: Definition of special needs; history of special education and related policies; categories of disabilities; and appropriate instructional strategies for students with special needs. 0802.00</p>	F14
ETHST 1	<p>INTRODUCTION TO ETHNIC STUDIES <i>3 Units, 3 Hours Lecture (GR or P/NP)</i> <i>Acceptable for credit: UC/CSU</i> Survey of the American experience of ethnic and racial relations: Exploration of American history and contemporary issues facing minority groups in the United States. Emphasis on Native, African, Mexican, and Asian American cultural experiences. 2203.00 <i>AA/AS area 2</i> <i>CSU GE area D</i> <i>IGETC area 4c</i></p>	F14

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
GEOG 18	<p>CALIFORNIA GEOGRAPHY 3 Units, 3 Hours Lecture (GR or P/NP) <i>Acceptable for credit: UC/CSU</i> The forces, processes, and systems that shape the geography of California: Landforms, natural vegetation, forestry and fishing, mineral and water resources, cultural landscapes, agriculture, demographic changes, ethnic diversity, urban growth, regional differences, economic development and its national impact; natural hazards such as earthquakes and volcanism, floods, landslides and wildfires; climate and effects of climate change. 2206.00 AA/AS area 2 CSU GE Area D5 (C-ID GEOG 140)</p>	F14
GEOG 19	<p>GLOBAL CLIMATE CHANGE 3 Units, 3 Hours Lecture (GR or P/NP) Not open for credit to students who have completed or are currently enrolled in PHYSC 25. <i>Acceptable for credit: UC/CSU</i> Overview of past, present, and future climate change: Analysis of climatological events and latest research discoveries; emphasis on the role humans play in warming the planet. 2206.00 AA/AS area 1 CSU GE Area D5</p>	F14
HUMAN 15	<p>POPULAR CULTURE 3 Units, 3 Hours Lecture (GR or P/NP) <i>Acceptable for credit: CSU</i> Meaning and impact of American popular culture in the twentieth century: The cultural evolution of consumerism, amusement, leisure, media, and entertainment industries. 1599.00</p>	S15
HUMAN 57	<p>FILM DIRECTORS AND ARTISTS 4 Units, 4 Hours Lecture (GR or P/NP) <i>Recommended Preparation: HUMAN 21</i> <i>Acceptable for credit: UC/CSU</i> Concentrated and comparative investigation of influential film directors and artists: Examination of signature themes, visual styles, and historical connections among different film authors. 4903.00 AA/AS area 3 CSU GE area C2 IGETC area B</p>	M14

COURSE ADDITIONS		
DEPT/NO.	COURSE TITLE/INFORMATION	EFF
HUSV 117	<p>INTRODUCTION TO BEHAVIORAL HEALTH SERVICES 3 Units, 3 Hours Lecture (GR) Acceptable for credit: CSU Dynamic recovery-focused overview of the experience of mental illness for students intending to work in the field of mental health and human services: The lived experience; recovery oriented practice; models of treatment; combatting stigma and discrimination; community mental health; co-occurring disorders; peer specialists. 2104.00 AA/AS area 2</p>	F14
HUSV 118	<p>INTRODUCTION TO SOCIAL SERVICES 3 Units, 3 Hours Lecture (GR) Acceptable for credit: UC/CSU Introduction to social services: Critical exploration of the history, theoretical development and current issues within the field of social service; characteristics and career of a social service worker; local agencies, diverse populations served, politics and economics of the system, and evaluation of the legal and social issues of the system. 2104.00 AA/AS area 2</p>	F14
LIS 85	<p>INTRODUCTION TO INFORMATION RESOURCES 2 Unit, 2 Hours Lecture (GR or P/NP) Acceptable for credit: UC/CSU Basic research skills: Introduction to concepts and skills necessary to conduct college-level research using electronic databases, book catalogs, and the Internet. Concurrent enrollment in a course with a research assignment is recommended. 1699.00 AA/AS area 4c</p>	F14
MMART 164	<p>INTRODUCTION TO WEB DESIGN 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) Corequisite: MMART 164L. Not open for credit to students who have completed or are currently enrolled in MMART160A. Acceptable for credit: UC/CSU Foundations of Web Development: Building a business, expressing your online voice and identity, and designing portfolios using HTML, CSS, and Content Management Systems (such as WordPress). 0614.30 AA/AS area 4c</p>	S15
MMART 164L	<p>INTRODUCTION TO WEB DESIGN LAB 1 Units, 4 Hours Lab (GR or P/NP) Corequisite: MMART 164. Not open for credit to students who have completed or are currently enrolled in MMART160LA. Acceptable for credit: UC/CSU Foundations of Web Development: Building a business, expressing your online voice and identity, and designing portfolios using HTML, CSS, and Content Management Systems (such as WordPress). 0614.30 AA/AS area 4c</p>	S15

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
MMART 165	<p>FUNDAMENTALS OF GRAPHIC VISUALIZATION 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 165L.</i> <i>Acceptable for credit: CSU</i> Analysis and development of graphic visualization: Basic principles, attributes, and elements of design, including the relationships among production methods, materials, and data sets. 0614.30 <i>AA/AS area 4c</i></p>	S15
MMART 165L	<p>FUNDAMENTALS OF GRAPHIC VISUALIZATION LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 165</i> <i>Acceptable for credit: CSU</i> Practical training for development of multimedia skills presented in MMART 165. 0614.30 <i>AA/AS area 4c</i></p>	S15
MMART 167	<p>MOBILE AND CROSS-PLATFORM WEB DESIGN 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 167L. Recommended Preparation: MMART 164</i> <i>Acceptable for credit: CSU</i> Cross-Platform design techniques for Mobile and Web Design: Mobile development, tablet development, web development, responsive design, and dynamic graphical elements. 0614.30 <i>AA/AS area 4c</i></p>	S15
MMART 167L	<p>MOBILE AND CROSS-PLATFORM WEB DESIGN LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 167</i> <i>Acceptable for credit: CSU</i> Practical training for development of multimedia skills presented in MMART 167. 0614.30 <i>AA/AS area 4c</i></p>	S15
MMART 168	<p>ONLINE GAMES & INTERACTIVITY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 168L. Recommended Preparation: MMART 164</i> <i>Acceptable for credit: CSU</i> Principles of interactive design and virtual environments: User experience, game design, dynamic graphics, and integration of interactive content for online environments. 0614.30 <i>AA/AS area 4c</i></p>	S15
MMART 168L	<p>ONLINE GAMES & INTERACTIVITY LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 168. Recommended Preparation: MMART 164</i> <i>Acceptable for credit: CSU</i> Practical training for development of multimedia skills presented in MMART 168. 0614.30 <i>AA/AS area 4c</i></p>	S15

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
MMART 169	<p>SOCIAL & EMERGENT MEDIA 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 169L. Recommended Preparation: MMART 164</i> <i>Acceptable for credit: CSU</i> Dynamics of online content delivery to motivate consumer interest: Social Media Networks, content creation tools, advertising, marketing, brand strategies, consumer interactions, and monitoring of media analytics. 0614.30 AA/AS area 4c</p>	S15
MMART 169L	<p>SOCIAL & EMERGENT MEDIA LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 169. Recommended Preparation: MMART 164</i> <i>Acceptable for credit: CSU</i> Practical training for development of multimedia skills presented in MMART 169. 0614.30 AA/AS area 4c</p>	S15
MMART 170	<p>CREATIVE DESIGN INDUSTRY PROJECTS 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 170L. Recommended Preparation: MMART 164. Not open for credit to students who have completed or are currently enrolled in MMART160B.</i> <i>Acceptable for credit: CSU</i> Advanced web design skills relevant to creative business standards: Professional and strategic training for development of multimedia skills presented in MMART 170L. Course will include simulation of a real world online production environment. 0614.30 AA/AS area 4c</p>	S15
MMART 170L	<p>CREATIVE DESIGN INDUSTRY PROJECTS LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 170. Not open for credit to students who have completed or are currently enrolled in MMART160LB.</i> <i>Acceptable for credit: CSU</i> Apply advanced web design skills relevant to creative business standards. Emphasis on grid based display architecture, refined design elements, detailed image creation, interactivity, project management, and technical understanding. Practical training for development of multimedia skills presented in MMART 170. 0614.30 AA/AS area 4c</p>	S15
MMART 171	<p>WEB COMMERCE & INTERNET START UP 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Corequisite: MMART 171L. Recommended Preparation: MMART 164. Not open for credit to students who have completed are currently enrolled in MMART160C.</i> <i>Acceptable for credit: CSU</i> Introduction to the principles of E-commerce: Building an online business, analysis and application of media content, operating shopping carts, and execution of online strategy. 0614.30 AA/AS area 4c</p>	S15

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
MMART 171L	<p>WEB COMMERCE & INTERNET START UP LAB 1 Units, 4 Hours Lab (GR or P/NP) <i>Corequisite: MMART 171. Recommended Preparation: MMART 164. Not open for credit to students who have completed are currently enrolled in MMART160LC.</i> <i>Acceptable for credit: CSU</i> Practical training for development of multimedia skills presented in MMART 171. 0614.30 AA/AS area 4c</p>	S15
MMART 190A	<p>BEGINNING DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in ART 190A.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Composition study; studio lighting for table top set-ups; working on a coherent series of photographs; introduction to art marketing; artist statements; development of photographs in Adobe Photoshop using curves; presentation of photographs; history and theory of photography; critiques. 1011.00 AA/AS area 4c</p>	F14
MMART 190B	<p>INTERMEDIATE DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in ART 190B.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Composition study; studio lighting for table top set-ups; working on a coherent series of photographs; introduction to art marketing; artist statements; development of photographs in Adobe Photoshop using curves; presentation of photographs; history and theory of photography; critiques. 1011.00 AA/AS area 4c</p>	F14
MMART 190C	<p>ADVANCED DIGITAL FINE ART PHOTOGRAPHY 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in ART 190C.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Conscious use of formal aesthetic methods; advanced techniques in studio lighting; refining a coherent series of photographs; art marketing; the structure of the art world; development of photographs in Adobe Photoshop; presentation of photographs; history and theory of photography; critiques. 1011.00 AA/AS area 4c</p>	F14

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
MMART 190D	<p>DIGITAL FINE ART PHOTOGRAPHY: PORTFOLIO 2 Units, 1.5 Hours Lecture, 1.5 Hours Lab (GR or P/NP) <i>Prerequisite: MMART 133A and MMART 133LA. Recommended Preparation: MMART 131A and MMART 131LA. Not open for credit to students who have completed or are currently enrolled in ART 190D.</i> <i>Acceptable for credit: CSU</i> Study and practice of fine art digital photography: Conscious use of formal aesthetic methods; supplemental light on location; execution and completion of a series of photographs; art marketing strategies; development of photographs in Adobe Photoshop and other industry standard software programs; presentation of photographs in print; history and theory of photography; critiques. 1011.00 <i>AA/AS area 4c</i></p>	F14
MUSIC 10	<p>MUSIC APPRECIATION 3 Units, 3 Hours Lecture, (GR or P/NP) <i>Acceptable for credit: UC/CSU</i> Survey designed to enhance the enjoyment of music with emphasis on listening: Historical overview of the development of musical form through the centuries. 1004.00 <i>AA/AS area 3</i></p>	S15
MUSIC 24	<p>JAZZ HISTORY 3 Units, 3 Hours Lecture, (GR or P/NP) <i>Acceptable for credit: UC/CSU</i> Evolutionary development of jazz music and the artists responsible for its creation: Historical, cultural, and sociological analysis of each style period through extensive guided listening. 1004.00 <i>AA/AS area 3</i></p>	S15
SOC 7	<p>SOCIOLOGY OF GENDER 3 Units, 3 Hours Lecture, (GR or P/NP) <i>Acceptable for credit: UC/CSU</i> Social construction of gender over time and across cultures: Theories of gender, social and behavioral science research on gender, varying masculinities and femininities, the impact of economics, politics, ideologies, and institutions on gendered experiences and practices. 2208.00 <i>AA/AS area 2</i></p>	S15

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM	CHANGE COURSE TO
CIS 81 EFF: F14	<p>CIS 81, 3 Units</p> <p>Systems Analysis with UML</p> <p><i>3 hours lecture (GR or P/NP). Prerequisite: CIS 5, and 6 or 26. Acceptable for credit: CSU</i></p> <p>Principles of systems analysis: Techniques of analysis and design emphasizing UML in software requirements analysis, and the design and documentation phase of software development; utilizing life cycle of systems design, iterative and waterfall development processes, object-oriented analysis and design.</p> <p>0707.30</p> <p>AA/AS area 4c</p>	<p>CIS 81, 3 Units</p> <p>Systems Analysis with UML</p> <p><i>3 hours lecture (GR or P/NP). Prerequisite: CIS 36A. Acceptable for credit: CSU</i></p> <p>Principles of systems analysis: Techniques of analysis and design emphasizing UML in software requirements analysis, and the design and documentation phase of software development; utilizing life cycle of systems design, iterative, and waterfall development processes, object oriented analysis and design.</p> <p>0707.30</p> <p>AA/AS area 4c</p>
CIS 82 EFF: F14	<p>CIS 82, 3 Units</p> <p>Design Patterns</p> <p><i>3 hours lecture, 3 hours laboratory (GR or P/NP). Prerequisite: CIS 27 and 36B and 81. Acceptable for credit: CSU</i></p> <p>Principles of designing robust reusable object-oriented software: The most common design-pattern strategies; enterprise program design and web services.</p> <p>0707.10</p> <p>AA/AS area 4c</p>	<p>CIS 82, 4 Units</p> <p>Design Patterns</p> <p><i>3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 36A or 81. Acceptable for credit: CSU</i></p> <p>Principles of designing robust reusable object-oriented software: The most common design pattern strategies; enterprise program design.</p> <p>0707.10</p> <p>AA/AS area 4c</p>
CIS 86 EFF: F14	<p>CIS 86, 4 Units</p> <p>Using Microcomputer Operating Systems</p> <p><i>3 hours lecture, 3 hours laboratory (GR or P/NP). Prerequisite: CIS 1. Acceptable for credit: CSU</i></p> <p>Microcomputer operating systems: Windows GUI vs. command line; using command line functions and utilities to manage, monitor, administer, troubleshoot, repair and recover the OS, data and resources; working with files, managing directories and hard disk organization; batch file programming; the Windows registry and network connectivity.</p> <p>0702.00</p> <p>AA/AS area 4c</p>	<p>CIS 86, 4 Units</p> <p>Windows Operating Systems</p> <p><i>3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1. Acceptable for credit: CSU</i></p> <p>Computer operating system environment through a study of the main features and functions of MS Windows: Operating system fundamentals, configurations, installation & upgrading, managing applications, files and directories, managing devices and other resources, system maintenance.</p> <p>0702.00</p> <p>AA/AS area 4c</p>

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM	CHANGE COURSE TO
<p>CIS 87 EFF: F14</p>	<p>CIS 87, 4 Units Introduction to Windows Server/Networking <i>3 hours lecture, 3 hours laboratory (GR or P/NP)</i> <i>Prerequisite: CIS 86</i> <i>Acceptable for credit: CSU</i> Introduction to Windows server: Emphasis on proper installation, correct implementation of features and utilities, managing resources, controlling access and security, troubleshooting and network connectivity. 0708.10 AA/AS area 4c</p>	<p>CIS 87, 4 Units Introduction to Windows Server/Networking <i>3 hours lecture, 3 hours laboratory (GR or P/NP)</i> <i>Recommended Preparation: CIS 1</i> <i>Acceptable for credit: CSU</i> Introduction to Windows Server: Emphasis on proper installation, correct implementation of features and utilities, managing resources, controlling access and security, working with active directory, troubleshooting, server performance management, maintenance, network services and connectivity. 0708.10 AA/AS area 4c</p>
<p>CIS 89 EFF: F14</p>	<p>CIS 89, 4 Units Introduction to Data Communications and Networking <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 1 or 5 or 200, and 42A.</i> <i>Corequisite: CIS 88.</i> <i>Acceptable for credit: CSU</i> Introduction to networking and data communications technology: Media, topologies, protocols, network design and implementation and other topics relevant to local and wide area networks; designing, installing, maintaining, and troubleshooting small to medium-sized LANs; preparation for the CompTIA Network+ certification exam. 0708.10 AA/AS area 4c</p>	<p>CIS 89, 4 Units Introduction to Data Communications and Networking <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Recommended Preparation: CIS 1</i> <i>Acceptable for credit: CSU</i> Introduction to local area networks: Defining networks through the OSI model, understanding wired and wireless networks, network infrastructure, network security, implementing the Internet Protocol and TCP/IP, networking services, WANs. 0708.10 AA/AS area 4c</p>

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM	CHANGE COURSE TO
<p>CIS 90 EFF: F14</p>	<p>CIS 90, 4 Units Fundamentals of Network Security <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 88 and 89.</i> <i>Acceptable for credit: CSU</i> Basic network security for experienced computer support personnel: Fundamental network security principles; creating protected networking environments including general security concepts, communication security, cryptography basics, infrastructure security and operational/organizational security; preparation for the CompTIA Security+ certification exam. <i>0708.10</i> <i>AA/AS area 4c</i></p>	<p>CIS 90, 4 Units Fundamentals of Network Security <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Recommended Preparation: CIS 1</i> <i>Acceptable for credit: CSU</i> Basics of Network and Windows Server system security: Core security principles, understanding security layering concepts, authentication-authorization-accounting, security policies through access and permissions, understanding network security, protecting the client server environment, encryption, PKI and Certificates <i>0708.20</i> <i>AA/AS area 4c</i></p>
<p>CIS 91 EFF: F14</p>	<p>CIS 91, 4 Units Windows Networking and Operating System Essentials <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 86.</i> <i>Acceptable for credit: CSU</i> Design and implementation of networked computer infrastructures based on the Windows platform: Overview of network architectures, cabling and protocols; installing and configuring TCP/IP; resolving host names with WINS/DNS, managing address configuration with DHCP; using NAT; routing IP; remote access services; and effecting secure network communications. <i>0708.10</i> <i>AA/AS area 4c</i></p>	<p>CIS 91, 4 Units Windows Networking and Operating System Essentials <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 86, 87, 89, and 90.</i> <i>Acceptable for credit: CSU</i> Design and implement networked computer infrastructures based on the Windows platform: Installing Windows, deploying Windows, configuring hardware/applications/network connectivity/resources access/remote access & mobile computing/backup and recovery options/remote access, monitoring & maintaining Windows clients/system performance. <i>0708.20</i> <i>AA/AS area 4c</i></p>

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM	CHANGE COURSE TO
CIS 92 EFF: F14	<p>CIS 92, 4 Units Fundamentals of Linux <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 86.</i> <i>Acceptable for credit: CSU</i></p> <p>Introduction to the Linux operating system: Overview of GNU/Linux, X Window and the GNOME and KDE graphical user interfaces, the GNU Bourne again shell; bash; operating system installation, security, file systems navigation; command line features using the bash shell, the vi text editor; basic networking and system administration activities.</p> <p>0708.10 AA/AS area 4c</p>	<p>CIS 92, 4 Units Fundamentals of Linux <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Recommended Preparation: CIS 86.</i> <i>Acceptable for credit: CSU</i></p> <p>Introduction to the Linux operating system: Overview of GNU/Linux, X Window and the GNOME and KDE graphical user interfaces, the GNU Bourne again shell; bash; operating system installation, security, file systems navigation; command line features using the bash shell, the vi text editor; basic networking and system administration activities.</p> <p>0709.10 AA/AS area 4c</p>
CIS 103 EFF: F14	<p>CIS 103, 4 Units Survey of Programming Languages for the Web–Continuation <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Prerequisite: CIS 5, and 101/101L, and 6 or 26.</i> <i>Acceptable for credit: CSU</i></p> <p>E-commerce web page design principles: Extending web page “functionality” with interactivity, multimedia, security, and database capability using XML and related technologies.</p> <p>0707.10 AA/AS area 4c</p>	<p>CIS 103, 4 Units Survey of Programming Languages for the Web–Continuation <i>3 hours lecture, 3 hours laboratory (GR or P/NP).</i> <i>Recommended Preparation: CIS 36A and 104.</i> <i>Acceptable for credit: CSU</i></p> <p>E-commerce web page design principles: Extend web page "functionality" with interactivity, multimedia, security, and database capability using XML, JavaScript and related technologies.</p> <p>0707.10 AA/AS area 4c</p>
CIS 245A EFF: F14	<p>CIS 245A, 1.5 Units Introduction to Microsoft Access <i>1 hour lecture, 1.5 hours laboratory (GR or P/NP).</i> <i>Corequisite: CIS 1 or 200.</i></p> <p>Introduction to Microsoft Access database management: Designing, creating, modifying, and using databases; developing tables, queries, forms, and reports; tips for use in various business settings.</p> <p>0702.10 AA/AS area 4c</p>	<p>CIS 245A, 2 Units Introduction to Microsoft Access <i>1.5 hour lecture, 1.5 hours laboratory (GR or P/NP).</i> <i>Corequisite: CIS 1 or 200.</i></p> <p>Introduction to Microsoft Access database management: Designing creating and managing a database, developing and building tables, creating queries forms and reports.</p> <p>0702.10 AA/AS area 4c</p>

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM	CHANGE COURSE TO
CIS 245B EFF: F14	<p>CIS 245B, 1.5 Units</p> <p>Microsoft Access with Visual Basic for Applications (VBA) I</p> <p><i>1 hour lecture, 1.5 hours laboratory (GR or P/NP).</i></p> <p><i>Prerequisite: CIS 1 or 5 or 200, and 216 and 245A.</i></p> <p>Microsoft Access database management: Design and optimization of relational databases; use of VBA and other tools to create and customize data entry and data viewing forms, analytical and descriptive reports, and related database elements.</p> <p><i>0707.20</i></p> <p><i>AA/AS area 4c</i></p>	<p>CIS 245B, 2 Units</p> <p>Introduction to Microsoft Access II</p> <p><i>1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).</i></p> <p><i>Prerequisite: 245A.</i></p> <p>Microsoft Access Database design, management and optimization of relational databases: Advanced queries, enhanced table design, tools for custom form and report generation, data sharing and analysis, action queries and advanced table relationships, automating tasks with macros, using and writing Visual Basic application code.</p> <p><i>0707.20</i></p> <p><i>AA/AS area 4c</i></p>
CIS 246 EFF: F14	<p>CIS 246, 1.5 Units</p> <p>Introduction to PowerPoint</p> <p><i>1 hour lecture, 1.5 hours laboratory (GR or P/NP).</i></p> <p>Introduction to Microsoft PowerPoint presentation graphics: Preparation for creating, saving, editing, and printing presentation materials; graphics techniques and overhead transparencies, color slides, outline notes, handouts, and on-screen graphics.</p> <p><i>0702.10</i></p> <p><i>AA/AS area 4c</i></p>	<p>CIS 246, 1.5 Units</p> <p>Introduction to PowerPoint</p> <p><i>1 hour lecture, 1.5 hours laboratory (GR or P/NP).</i></p> <p><i>Recommended Preparation: CIS 1</i></p> <p>Introduction to Microsoft PowerPoint presentation graphics: Preparation for creating, saving, editing and printing presentation materials; graphic techniques and overhead transparencies, color slides, outline notes, handouts, and on-screen graphics.</p> <p><i>0702.10</i></p> <p><i>AA/AS area 4c</i></p>

COURSE DEACTIVATIONS

DEPT/NO.	COURSE TITLE	EFF
BUS 32	INTRODUCTION TO INTERNATIONAL BUSINESS	M14
BUS 36	INTERNATIONAL MARKETING	M14
BUS 76	E-COMMERCE/ENTREPRENEURSHIP	M14
BUS 254	WORKPLACE SKILLS	M14
INTRD 34	GLOBAL POLITICAL ECONOMY	M14
INTRD 35	GLOBALIZATION AND CULTURE	M14
SOCSC 101	INTRODUCTION TO SOCIAL SERVICES	M14

PROGRAMS

Associate Degree and Certificate Programs at Berkeley City College

The following is a list of study areas described in this catalog supplement and the BCC 2013-2015 Catalog for which the college awards an Associate in Art degree (AA), an Associate in Science degree (AS), a Certificate of Achievement (CA), or a Certificate of Proficiency (CP) in liberal arts, science, occupational fields, or specialized areas of study. The Associate in Arts for transfer (AA-T) and the Associate in Science for transfer (AS-T) are intended for students who plan to complete a Bachelor's degree in a similar major at a CSU campus.

Anthropology	AA-T		
American Sign Language	AA	CA	
American Sign Language Interpreter Training		CA*	
Art			
Art	AA		
Art History	AA-T		
Art: Figure Studies		CA	
Public Art		CA	
Studio Art	AA-T		
Biotechnology	AS	CA	CP
Business			
Accounting	AA*		CP
Business Administration	AS-T		
General Business	AA*	CA	
Office Skills for Business		CA	
Communication Studies	AA-T		
Computer Information Systems			
Applied Micro Computer Information Systems	AS*	CA*	
Computer Applications			CP
Computer Programming	AS*	CA*	CP
Network Support Technician		CA*	
Web Programming	AS*	CA*	
Web Scripting			CP
Windows Desktop			CP
Education			
Elementary Teacher Education	AA-T		
English			
English	AA-T		
English Language and Literature	AA		
English Language/Writing	AA		
Creative Writing/Fiction		CA	
Creative Writing/Playwriting and Screenwriting			CP
Creative Writing/Poetry		CA	

PROGRAMS

English as Second Language		
ESL: High Intermediate		CP
ESL: Advanced		CP
Global Studies	AA	
History	AA-T	
Liberal Arts		
Liberal Arts with Emphasis in Arts and Humanities	AA	
Liberal Arts with Emphasis in Social and Behavioral Sciences	AA	
Liberal Arts		
Liberal Arts: CSU General Education Breadth		CA
Liberal Arts: Intersegmental General Education Transfer (IGETC)		CA
Mathematics	AS-T	
Multimedia Arts		
Animation	AA	
Digital Imaging	AA	
Digital Video Arts	AA	
Web Design/Production	AA	
Writing for Multimedia	AA*	
Advanced 3D Illustration		CP
Advanced Animation		CP
Advanced Cinematography		CP
Advanced Digital Imaging		CP
Advanced Digital Photography		CP
Advanced Digital Printmaking		CP
Advanced Digital Video Production		CP
Advanced Editing		CP
Advanced Web Design		CP
Basic 3D Illustration		CP
Basic Animation		CP
Basic Digital Imaging		CP
Basic Digital Photography		CP
Basic Digital Printmaking		CP
Basic Editing		CP
Basic Motion Graphics		CP
Basic Multimedia		CP
Basic Web Design		CP
Cinematography I		CP
Cinematography II		CP
Documentary		CP
Foundation for Animation		CP
Foundation for Multimedia		CP
Foundations of Video		CP
Intermediate Animation		CP

PROGRAMS

Multimedia Arts Continuation			
Intermediate Digital Imaging			CP
Intermediate Digital Photography			CP
Intermediate Digital Printmaking			CP
Intermediate Editing			CP
Intermediate Video Production			CP
Intermediate Web Design			CP
Music Video			CP
Writing for Multimedia			CP
Philosophy	AA-T		
Political Science	AA-T		
Psychology	AA-T		
Public and Human Services			
Community and Public Services	AA	CA	
Community Health Worker	AA	CA	
Social Services Paraprofessional	AA	CA	
Public and Human Services Cohort I			CP
Public and Human Services Cohort II			CP
Sociology	AA-T		
Spanish			
Spanish	AA-T		
Spanish Language	AA	CA	
Spanish Medical Interpreting		CA	
Women's Studies			CP*

**Programs are undergoing revision and are not being offered currently.*

BCC Catalog Supplements are issued annually to update this information.

PROGRAM ADDITIONS

Anthropology

Associate in Arts Degree for Transfer (AA-T)

The Associate of Arts Degree for Transfer in Anthropology is designed for students planning to transfer to a four-year institution as anthropology majors. A study of anthropology at Berkeley City College is centered on students gaining an exposure to the four subfields of anthropology (biological, archaeological, cultural, and linguistic anthropology). 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 anthropology or similar major. 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. You may also consult with the Social Sciences Chair and/or anthropology full-time faculty for more information.

Required Courses:	UNITS
ANTHR 1 Introduction to Physical Anthropology	3
ANTHR 2 Introduction to Archaeology and Prehistory	3
ANTHR 3 Introduction to Social and Cultural Anthropology	3
Select 6-9 units from the following courses:	
ANTHR 1L Introduction to Physical Anthropology Lab	1
ANTHR 18 Introduction to Anthropological Linguistics	3
ANTHR 55 Native American Cultures	3
MATH 13 Introduction to Statistics	4
SOC 120 Introduction to Research Methods	3
Select the following elective course (3 units) if above category contains only 6-8 units:	
ANTHR 13 Urban Anthropology	3
Major Requirements	18-19
General Education and Electives	41-42
Total Units:	60

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Explain core concepts of anthropology including: biological, archaeological, and social cultural subfields.
- Demonstrate skills in the scientific methods used by contemporary anthropologists.
- Describe an appreciation for the biological, historical, and cultural diversity of our world.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

PROGRAM ADDITIONS

Art History**Associate in Arts Degree for Transfer (AA-T)**

The Associate in Arts Degree in Art History for Transfer is designed for students planning to transfer into the art history major at CSU. Students who study art history will explore the relationship between art and architecture, artists and aesthetics, and the cultural and social context in which the art was made. The AA-T in Art History provides students with a strong foundation in the terminology and principles of the visual arts, a cross-cultural examination of historical and contemporary art and an introduction to the techniques and media of drawing. 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 art history 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 for transfer degree in Art History should consult with the Art program Chair and a counselor. Students seeking to complete the AA-T degree in Art History are required to enroll in the 3 unit option for variable unit courses.

Required Courses**UNITS**

ART 2 History of Western Art from Prehistory through the Middle Ages
and

3

ART 3 History of Western Art from Renaissance to Contemporary Art
and

3

ART 20 Beginning Drawing & Composition

3

Non-Western Art History Requirement

ART 16 Introduction to Islamic Art

3

Studio Art Restricted Electives--Select one course from the following:

ART 46 2-D Visual Design

3

or

ART 47 3-D Visual Design

3

or

ART 50 Beginning Painting

3

or

MMART 130 Survey of Digital Imaging

2

and

MMART 130L Survey of Digital Imaging Lab

1

or

ART 22 Intermediate Drawing & Composition

3

Select one course of the following Art History courses:

ART 4 History of Modern Art (1800 to Present)

3

or

ART 13 History of Women in Art (19th & 20th Centuries)

3

or

ART 14 Themes, Trends, and Traditions in World Art

3

or

ART 182 Introduction to Visual Culture

3

or

HUMAN 30B Human Values/Aesthetics

3

Art Majors: Art History (AA-T)

PROGRAM ADDITIONS

Art History
Associate in Arts Degree for Transfer (AA-T)
(Continuation)

	UNITS
Major Requirements	18
General Education and Electives	42
Total Units:	60

Program Learning Outcomes for Art History AA-T

- Identify, examine, and assess representative works of art and architecture from prehistory through contemporary art employing appropriate art historical terminology.
- Analyze, discuss, and differentiate works of art and architecture in terms of historical context and cultural values.
- Analyze, discuss, and differentiate the roles of art, architecture, and the artist from prehistory through contemporary art.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

PROGRAM ADDITIONS

Studio Art

Associate in Arts Degree for Transfer (AA-T)

The Associate in Arts in Studio Arts for Transfer Degree is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Studio Arts or similar major for completion of a baccalaureate degree. The Associate in Arts in Studio Arts for Transfer (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. Students are required to complete: 1. A minimum of 24 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework; 2. 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; 3. More than 60 semester units are required. The Associate in Arts in Studio Arts for Transfer degree will also assist Studio Arts major students to transfer to a U.C., or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses:	UNITS
ART 3 History of Western Art from Renaissance to Contemporary Art	3
ART 46 2-D Visual Design	3
ART 47 3-D Visual Design	3
ART 20 Beginning Drawing & Composition	3
Art History Restricted Electives—Select one course from the following:	
ART 2 History of Western Art from Prehistory through the Middle Ages	3
ART 4 History of Modern Art (1800 to Present)	3
Studio Art Restricted Electives—Select three courses for a total of nine units:	
Drawing	
ART 22 Intermediate Drawing and Composition	3
Painting	
ART 50 Beginning Painting	3
Digital Art	
MMART 130 Survey of Digital Imaging	2
MMART 130L Survey of Digital Imaging Lab	1
Major Requirements	24
General Education and Electives	36
Total Units:	60

Program Learning Outcomes for Art History AA-T

- Assemble a portfolio of strong drawings, painting, sculptures or digital media that demonstrate skill and understanding of techniques in various media.
- Assemble a portfolio of strong drawings, painting, sculptures or digital media that combine personal style and technical skills to create provocative, insightful, and inventive compositions.
- Produce artworks in various media reflecting an understanding of line, shape, value, texture, space, color, scale, proportion, balance, mood, movement, mass, and emphasis.
- Write a visual analysis/ critique of their own and others' art on both form and content, and its relation to a historical and global context.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

Art Majors: Studio Art (AA-T)

PROGRAM ADDITIONS

Communication Studies Associate in Arts Degree for Transfer (AA-T)

The Associate in Arts in Communication for Transfer Degree is designed to prepare students to complete the baccalaureate degree in communication upon transferring into the CSU system. This program assists students in seamlessly transferring to a CSU in order to earn a bachelor's degree in Communication. The courses in the Associate in Arts in Communication for Transfer Degree program are also articulated to allow students to transfer to local U.C.s. Communication skills are essential to forming and maintaining personal relationships, acquiring and excelling in a job, and relating to the world around us. Through the study and practice of interpersonal, professional, and intercultural communication skills, students will learn how their perceptions and self-esteem affect their interactions with others. Beyond this, students will improve their abilities to speak, write, and present information effectively, whether in face-to-face interactions or in public or mass-media settings. The Communication program prepares students to transfer to a four-year college or university to obtain a degree in Communication or a related Social Science field.

Required Courses:	UNITS
COMM 5 Persuasion & Critical Thinking	3
COMM 20 Interpersonal Communication Skills	3
COMM 45 Public Speaking	3
Choose two of the following courses:	
COMM 3 Introduction to Human Communication	3
COMM 6 Intercultural Communication	3
COMM 19 Survey of Mass Media	3
Select one course from the following:	
ANTHR 3 Introduction to Social and Cultural Anthropology	3
ENGL 1B Composition & Reading	4
ENGL 5 Critical Thinking in Reading and Writing	3
PSYCH 1A Introduction to General Psychology	3
SOC 1 Introduction to Sociology	3
Major Requirements	18-19
General Education and Electives	41-42
Total Units:	60

Program Learning Outcomes for Communication Studies AA-T

- Speak, listen, and critically think to resolve conflict and get your message across as intended in interpersonal, small group, and organizational dynamics.
- Deliver presentations that are clear in content, structure, and delivery.
- Research and think critically about the influence and impact of mass media and culture on society.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

PROGRAM ADDITIONS

**Computer Applications
Certificate of Proficiency**

Develop in-demand computer skills that lead to jobs or increase your productivity and efficiency and prepare for career advancement. Understand computer hardware and software and use computers effectively at work and home. This certificate teaches you the skills you need to be a proficient user of computers and get the most out of commonly used computer applications.

Required Courses	UNITS
CIS 1 Introduction to Computer Information Systems	4
CIS 42A Spreadsheet Applications I	2
CIS 42B Spreadsheet Applications II	2
CIS 231A Advanced Laboratory Projects in Word	1
CIS 245A Introduction to Microsoft Access I	2
CIS 246 Introduction to Powerpoint	1.5
Additional required courses Units	
CIS 231B Advanced Laboratory Projects in Outlook and	1
CIS 245B Introduction to Microsoft Access II	2
OR	
MMART 131A Photoshop I and	2
MMART 131LA Photoshop I Lab	1
OR	
MMART 132A Illustrator I and	2
MMART 132LA Illustrator I Lab	1
Total Units	15.5

Program Learning Outcomes for Computer Applications Certificate of Proficiency

- Demonstrate knowledge of computer terminology and trends in Computer Information Systems.
- Demonstrate knowledge of computer hardware and software and use computers effectively at work and home.
- Demonstrate proficiency in using office productivity applications for work in entry-level employment.

PROGRAM ADDITIONS

Computer Programming Certificate of Proficiency

Start your career in computer programming. Learn how to write object-oriented programs using Java and C# programming languages. The courses cover the necessary skills for all computer programming career opportunities. This Certificate of Proficiency prepares you for the Certificate of Achievement in Web Programming.

Required Courses	UNITS
CIS 6 Introduction to Computer Programming	5
CIS 23 C# Programming	4
CIS 36A Java Programming Language I	4
CIS 36B Java Programming Language II	4
Total Units	17

Program Learning Outcomes for Computer Programming Certificate of Proficiency

- Solve problems using object-oriented decomposition and write programs using C++, Java, and C# programming languages.
- Use IDEs to write, compile, debug, and execute programs.
- Use advanced programming concepts including threads, networking, databases, and graphical user interfaces.

PROGRAM ADDITIONS

Web Scripting Certificate of Proficiency

Make your web pages interactive and dynamic. Learn the client-side scripting languages and programming skills needed to be a Web Developer or Software Programmer for the web. This Certificate of Proficiency prepares you for the Certificate of Achievement in Web Programming. You should have a solid computer literacy background as evidenced by course work such as CIS 1, CIS 5, or CIS 42A/B or the equivalents.

Required Courses	UNITS
CIS 6 Introduction to Computer Programming	5
CIS 84 Database Programming for the Web	4
CIS 103 Survey of Program/Languages for the Web--Continuation	4
CIS 104 Survey of Programming Languages for the Web	3
Total Units	16

Program Learning Outcomes for Web Scripting Certificate of Proficiency

- Apply the fundamentals of programming.
- Use HTML5, CSS, and JavaScript for front-end web development

PROGRAM ADDITIONS

Windows Desktop Certificate of Proficiency

Start your career in IT Desktop Administration and be a technical resource at work. This certificate provides the skills you need to master Microsoft Windows operating systems and networking concepts. In this constantly changing field, keep your skills updated to meet the new technology. Whether you are a beginner or long-time user of Windows operating systems, you will learn many useful techniques that will make your computers safe, reliable, and function efficiently.

Required Courses	UNITS
CIS 86 Windows Operating Systems	4
CIS 87 Window Server Administration Fundamentals	4
CIS 89 Networking Fundamentals	4
CIS 90 Security Fundamentals	4
Total Units	16

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Understand operating system configuration, install and upgrade desktop operating systems.
- Manage applications, files and folders, hardware devices, services, and protocols.
- Understand core security principles and threats, install security software, and manage operating system security and network security.

PROGRAM ADDITIONS

History

Associate in Arts Degree for Transfer (AA-T)

The Associate in Arts in History for Transfer Degree is designed to prepare students for a seamless transfer with junior status and priority admission to the CSU system to a program or major in History or similar major for completion of a baccalaureate degree. Students are required to complete: a minimum of 18 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework; 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Inter-segmental General Education Transfer Curriculum (IGETC) pattern; no more than 60 semester units are required.

Required Courses:	UNITS
HIST 7A History of the United States to 1877	3
HIST 7B History of the United States	3
 Choose two of the following:	
HIST 2A History of European Civilization	3
or	
HIST 3A World History to 1500	3
HIST 2B History of European Civilization	3
or	
HIST 3B Modern World History: 1500-Present	3
 Choose one of the following:	
HIST 8B History of Latin-American Civilization	3
HIST 10B History of Africa since 1750	3
HIST 31 Contemporary Middle East: Politics of Nationalism	3
POSCI 12 Contemporary Middle East: Politics of Nationalism	3
SPAN 1A Elementary Spanish	5
 Choose one of the following:	
HIST 19 History of California	3
HIST 21 U.S. Women: A Social History	3
HIST 32 The United States Since 1945	3
HIST 38 Current World Problems	3
POSCI 20 Current World Problems	3
 Major Requirements	 18-20
General Education and Electives	40-42
 Total Units:	 60

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Demonstrate knowledge of the historical process within particular fields of history and effectively link historical cause and effect
- Apply historical methodology and critical thinking in order to analyze primary and secondary sources and historical arguments
- Interpret the diverse historical forces which have shaped the past and inform the content of the present

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

History Major (AA-T)

PROGRAM ADDITIONS

**Advanced Cinematography
Certificate of Proficiency**

The Multimedia Certificates of Proficiency in Digital Video Production follow a sequence of foundation, basic, intermediate, and advanced coursework. Advanced Cinematography coursework focuses on the application of cinematography techniques in a variety of shooting environments. Students prepare a professional reel of their work.

Required Courses:	UNITS
MMART 151C Digital Video Production III	2
MMART 151LC Digital Video Production III Lab	1
MMART 197 Multimedia Portfolio/Sample Reel Development	2
MMART 197L Multimedia Portfolio/Sample Reel Development Lab	1
Select one of the following to finish the certificate: The Lecture and Lab Components of either (COPED 468B) or (MMART 133B/133LB) or MMART (149/149L) or (MMART 156)	
COPED 468B Occupational Work Experience in Multimedia Arts	1-4
MMART 133B Digital Photography II	3
MMART 133LB Digital Photography II LAB	2
MMART 149 The Music Video	3
MMART 149L The Music Video Lab	2
MMART 156 Documentary Production Intensive	3
Total Units	7-10

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Demonstrate an appropriate knowledge of the use of digital multimedia equipment and/or software programs for creating and editing multimedia works.
- Using both traditional and digital art techniques to generate creative solutions to problems, expand and transform imagery and ideas into meaningful multimedia works.
- Evaluate artwork with discernment, appropriate terminology, and aesthetic awareness; create projects intended for a professional portfolio.
- Demonstrate an appropriate knowledge of copyright laws and issues as they pertain to the production of multimedia works.

PROGRAM ADDITIONS

Advanced Web Design Certificate of Proficiency

The Certificate of Proficiency will prepare students with key multimedia skills necessary for employment and enrichment. Gives students information and practice in advanced techniques in web and mobile design. Fundamental skills attributed to a front-end web and mobile developer, client-side management, and professional work environments.

Required Courses	UNITS
MMART 169 Social & Emergent Media	2
MMART 169L Social & Emergent Media Lab	1
MMART 170 Creative Design Industry Projects	2
MMART 170L Creative Design Industry Projects Lab	1
MMART 197 Multimedia Portfolio/Sample Reel Development	2
MMART 197L Multimedia Portfolio/Sample Reel Development Lab	1
Total Units	9

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Construct Web Design projects which formulate their knowledge and demonstrate Proof of Concept.
- Create and present storyboards and written proposal -- work alone or in a team to create, develop and present storyboards, written proposal and sophisticated website for client/organization.
- Analyze contemporary avenues for social media discourse and presentation.
- Students will participate in the appraisal of peer work and formulate contributing perspective regarding the projects goals.

PROGRAM ADDITIONS

Basic Web Design Certificate of Proficiency

The Certificate of Proficiency will prepare students with key Multimedia skills necessary for employment and enrichment. Fundamental skills in Html, CSS, User Experience Design, Aesthetic Visualization, Project Collaboration, and Server-side Web Management.

Required Courses	UNITS
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	1
Total Units	9

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Assess current trends and formulate an online presence.
- Appraise course discourse and illustrate a visual dialogue with the material.
- Produce original graphic designs that contain design elements and principles by employing both traditional manual skills and computer skills.
- Express personal identity with project visualizations.

PROGRAM ADDITIONS

Intermediate Web Design Certificate of Proficiency

The Certificate of Proficiency will prepare students with key multimedia skills necessary for employment and enrichment. Emphasis is on developing team-building skills, integration with other programs, interactive web applications, responsive design, modular, application design and web frameworks.

Required Courses	UNITS
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
Select one of the following (MMART 169/169L) or (MMART 175/175L) or (CIS 6) to finish the certificate:	
MMART 171 Web Commerce & Internet Start Up	2
MMART 171L Web Commerce & Internet Start Up Lab	1
MMART 175B Game Design	3
CIS 6 Introduction to Computer Programming	5
Total Units	9-11

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Demonstrate competence in usability, accessibility, typographic and aesthetic values.
- Assemble responsive architecture for mockup (wireframe) and employ design specifications within project constraints.
- Design a project integrating multiple contributors and simulate modular design.
- Demonstrate strategic design and a proof of concept.

PROGRAM ADDITIONS

Philosophy

Associate in Arts Degree for Transfer (AA-T)

The Associate in Arts in Philosophy for Transfer Degree is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Philosophy or similar major for completion of a baccalaureate degree. Students are required to complete: A minimum of 18 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. The Associate Arts in Philosophy for Transfer Degree will also assist Philosophy major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Required Courses:	UNITS
PHIL 20A History of Ancient Greek Philosophy	3
PHIL 20B History of Modern European Philosophy	3
Choose 1 one of the following:	
(Note: Most transfer institutions will require Formal or Symbolic Logic for the major.)	
PHIL 10 Logic	3
PHIL 11 Formal Logic	3
Choose 1 one of the following:	
HUMAN 30A Human Values/Ethics	3
PHIL 1 Introduction to Philosophy	3
PHIL 31A Human Values/Ethics	3
Choose 1 one of the following:	
HIST 2A History of European Civilization	3
HIST 2B History of European Civilization	3
Choose 1 one of the following:	
HUMAN 30B Human Values/Aesthetics	3
HUMAN 40 Religions of the World	3
HUMAN 46 Philosophy of the Human Experience	3
PHIL 2 Social and Political Philosophy	3
PHIL 16 Buddhist Philosophy	3
PHIL 35 Feminist Philosophy	3
PHIL 37 Introduction to Asian Philosophy	3
PHIL 46 Philosophy of the Human Experience	3
WS 35 Feminist Philosophy	3
Major Requirements	18
General Education and Electives	42
Total Units:	60

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Analyze critically and creatively the work of major figures in philosophy.
Evaluate the most important topics in a range of areas which are typically regarded as lying at the center of contemporary philosophical thought in different parts of the world, including ethics, logic, metaphysics, theory of knowledge, philosophy of religion, aesthetics, political philosophy, Asian philosophy, or feminist philosophy.
- Express philosophical ideas and defend them effectively in argument, both in writing and orally.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

Philosophy Major (AA-T)

PROGRAM ADDITIONS

Sociology**Associate in Arts Degree for Transfer (AA-T)**

The Associate in Arts Degree in Sociology for Transfer is designed for students planning to transfer into the sociology major. A study of sociology allows for the systematic study of human social institutions and social relationships. Students pursuing the AA for transfer into the sociology major will study the role of social theory, sociological research methods, social organization and structure, social stratification and hierarchies, dynamics of social change, family structures, social deviance and control, and applications to the study of specific social groups, social institutions, and social problems. 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 sociology 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 for transfer degree in sociology should consult with the Social Sciences Department Chair and a counselor.

Required Course	UNITS
SOC 1 Introduction to Sociology	3
Choose two of the following:	
SOC 2 Social Problems	3
SOC 120 Introduction to Research Methods	3
MATH 13 Introduction to Statistics	4
Choose two of the following:	
SOC 3 Sociology of Women	3
SOC 5 Minority Groups	3
SOC 13 Sociology of the Family	3
SOC 8 Crime and Deviance	3
Choose one of the following:	
ANTHR 3 Introduction to Social and Cultural Anthropology	3
POSCI 1 Government and Politics in the United States	3
PSYCH 1A Introduction to General Psychology	3
Major Requirements	18-19
General Education and Electives	41-42
Total Units:	60

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Define the core concepts of sociology (social structure, culture, social stratification, race, ethnicity, gender, and globalization).
- Discuss the interpersonal, institutional, cultural and structural mechanisms that produce and maintain inequality.
- Identify, compare, and contrast the major theoretical perspectives in the discipline.
- Interpret sociological research through a working knowledge of qualitative and quantitative research designs.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

Sociology Major (AA-T)

PROGRAM ADDITIONS

Spanish**Associate in Arts Degree for Transfer (AA-T)**

Spanish provides a sequential course of study that prepares you for transfer to four-year institutions with a Spanish major or acquisition of Spanish proficiency necessary for career fields that emphasize the value of familiarity with diverse cultures and global issues. Students are required to complete: 1. a minimum of 18 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. 2. 60 semester CSU-transferable units using the California State University-General Education-Breadth pattern (CSU-GE Breadth); OR the Inter-segmental General Education Transfer Curriculum (IGETC) pattern. 3. No more than 60 semester units are required.

Required Courses:	UNITS
SPAN 1A Elementary Spanish	5
SPAN 1B Elementary Spanish	5
SPAN 2A Intermediate Spanish I OR SPAN 22A Spanish for Bilingual Speakers I	5
SPAN 2B Intermediate Spanish II OR SPAN 22B Spanish for Bilingual Speakers II	5

Substitution Courses (see LIST A): If a student places out of any core course(s) and is not awarded units for that course, the student will need to take additional units to compensate for the course/units required to reach at least 18 total units in the major (Title 5 regulations). Course substitutions are made at the discretion of the local college and may or may not be delineated in the local degree. Suggested substitutions include courses in List A. Additional suggested course substitutions are contained in the finalized Transfer Model Curriculum (TMC).

LIST A (Select or substitute one to three courses for 3-9 units only if a student has not taken at least 18 total units required for the major (TMC guidelines for Spanish):

SPAN 10A Advanced Spanish Conversation	3
SPAN 10B Advanced Spanish Conversation	3
SPAN 15 Spanish Composition	3
SPAN 31A Intermediate Conversational Spanish	3
SPAN 31B Intermediate Conversational Spanish	3
SPAN 35A Intermediate Conversational Spanish: Current Events	3
SPAN 35B Intermediate Conversational Spanish: Film	3
SPAN 38 Latin American Literature	3
SPAN 39 Latin American Novel	3
SPAN 40 Hispanic Civilization and Culture	3
Major Requirements	19-23
General Education and Electives	37-41

Total Units: **60**

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Use grammar and vocabulary to demonstrate oral competence in the Spanish language.
- Use grammar and vocabulary to demonstrate written competence in the Spanish language.
- Describe the culture(s) of the Spanish-speaking world.
- Interpret Spanish-language texts according to their cultural, literary and/or linguistic content.

**NOTE: Although it is possible to fulfill the requirements for the Associate Degree for Transfer by completing the IGETC for UC pattern, admission to CSU requires completion of an Oral Communication course (IGETC Area 1C; CSU GE Area A-1); therefore, students who plan to transfer to CSU should complete this course as part of their GE or elective units.*

Spanish Majors (AA-T)

PROGRAM MODIFICATIONS

Basic Editing Certificate of Proficiency

The Multimedia Certificates of Proficiency in Digital Video Editing follow a sequence of foundation, basic, intermediate, and advanced coursework. Basic Editing focuses on a variety of software applications common to the post-production industry. Skills include creating basic motion graphics and effects, and compositing and editing a wide range of media from photos to high definition video. Recommended Preparation to increase likelihood of student success: Foundations of Video Production and Editing Certificate of Proficiency or equivalent experience.

Note: Requirements updated to reflect current curriculum offerings

Required Courses	UNITS
MMART 150B Video Editing II	2
MMART 150LB Video Editing II Lab	1
MMART 151A Digital Video Production I	2
MMART 151LA Digital Video Production I Lab	1
MMART 152B Motion Graphics / After Effects II	2
MMART 152LB Motion Graphics/After Effects II Lab	1
Total Units	9

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Demonstrate an appropriate knowledge of the use of digital multimedia equipment and/or software programs for creating and editing multimedia works.
- Use both traditional and digital art techniques to generate creative solutions to problems, expand and transform imagery and ideas into meaningful multimedia works.
- Evaluate artwork with discernment, appropriate terminology, and aesthetic awareness; create projects intended for a professional portfolio.
- Demonstrate an appropriate knowledge of copyright laws and issues as they pertain to the production of multimedia works.

PROGRAM MODIFICATIONS

Basic Motion Graphics Certificate of Proficiency

The Multimedia Certificates of Proficiency in Digital Video Editing follow a sequence of foundation, basic, intermediate, and advanced coursework. Basic Motion Graphics courses focus on image design skills required for motion graphics including photographic editing techniques, special effects generation and integration of video and other time-based imagery.

Note: Requirements updated to reflect current curriculum offerings

Required Courses	UNITS
MMART 131A Photoshop I	2
MMART 131LA Photoshop I Lab	1
MMART 150A Video Editing I	2
MMART 150LA Video Editing 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
Total Units	12

Program Learning Outcomes for Windows Desktop Certificate of Proficiency

- Demonstrate an appropriate knowledge of the use of digital multimedia equipment and/or software programs for creating and editing multimedia works.
- Use both traditional and digital art techniques to generate creative solutions to problems, expand and transform imagery and ideas into meaningful multimedia works.
- Evaluate artwork with discernment, appropriate terminology, and aesthetic awareness; create projects intended for a professional portfolio.
- Demonstrate an appropriate knowledge of copyright laws and issues as they pertain to the production of multimedia works.

PROGRAM DEACTIVATIONS

Business Administration Associate of Arts	M14
Network Support Technician Associate of Arts	M14
Network Support Technician Certificate of Achievement	M14
Office Technology Associate of Science	M14
Office Technology Administrative Assistant/Medical Assistant Certificate of Achievement	M14
Office Technology Administrative Accounting Assistant Certificate of Achievement	M14

OTHER CATALOG CHANGES AND CORRECTIONS

CURRICULUM CORRECTION

There was a printing error on page 154 of the 2013-2015 Catalog. Please note that in Area 1—English Composition, that the requirement for one course from group C should be listed under CSU and not UC. Please see a counselor for further information.

RESIDENCE REQUIREMENTS

To be qualified as an in-state resident for tuition purposes, you must have lived continuously in California for at least one year immediately preceding the residence determination date. The residence determination date is the day before a term begins for which the person is applying for admission. You must also provide evidence to indicate that you intend to make California your home. You must be a U.S. citizen or hold a U.S. immigration status that does not prevent establishment of residency. If you are an unmarried minor, your residence is that of your parents or legal guardian.

You are responsible to demonstrate clearly both physical presence in California and intent to establish California residence.

Evidence of residency must include one of the following:

- a valid California ID or driver's license,
- California state income tax return for the previous year,
- receipt for payment of residential property tax,
- rental or lease agreement showing continuous occupancy in a California property; or
- active military ID card.

GRADE CORRECTIONS

The District will change no grade without the consent, in writing, by the instructor who assigned the grade except under the conditions of clerical errors, bad faith, and incompetency.

No grade changes will be made if **two years** have passed since the calendar date ending the semester in which the instructor assigned the grade. Grades are not subject to change by reason of a revision of judgment on the instructor's part. An instructor may revise an Incomplete ("I") only on the basis of a new examination or additional work undertaken as agreed upon when the ("I") grade was originally submitted.

The Request for Record Correction form is available online at: www.peralta.edu/Projects/322/A_R_FOrms/Request_for_Record_Correction.doc

COURSE REPETITION AND REPEATABLE COURSE

Current information regarding State regulations regarding course repetition and repeatable courses can be found at: <http://web.peralta.edu/trustees/files/2013/12/AP-4225-Course-Repetition-and-Repeatable-Courses.pdf> There will be additional changes made during the 2014-2015 academic year.

DISMISSAL AND READMISSION

Current information regarding Dismissal and Readmission can be found at: <http://web.peralta.edu/trustees/files/2013/12/AP-4255-Dismissal-and-Readmission1.pdf>

ACADEMIC RENEWAL

Current information regarding Academic Renewal can be found at: <http://web.peralta.edu/trustees/files/2013/12/AP-4240-Academic-Renewal.pdf>

STUDENT FEES

Current information regarding Student Fees can be found at: <http://web.peralta.edu/trustees/files/2013/12/AP-5030-Student-Fees1.pdf>

OTHER CATALOG CHANGES AND CORRECTIONS

STUDENT SUCCESS AND SUPPORT PROGRAM (formerly Matriculation)

Current information regarding the new Student Success and Support Program and requirements for new students, such as mandatory orientation, assessment, and student educational planning, can be found at:

<http://web.peralta.edu/trustees/files/2013/12/AP-5050-Student-Success-and-Support-Program.pdf>

ENROLLMENT PRIORITIES

The Student Success and Support Program has set a new enrollment priority process. Current information regarding the enrollment priorities process can be found at:

<http://web.peralta.edu/trustees/files/2013/12/AP-5055-Enrollment-Priorities.pdf>

FINANCIAL AID

Current Financial Aid information can be found at the following district web link: <http://web.peralta.edu/financial-aid/> and the Berkeley City College web link, which features various information videos: <http://berkeleycitycollege.financialaidtv.com/> and the main college page at: http://www.berkeleycitycollege.edu/wp/financial_aid/

C-ID DESIGNATOR

Below is the current list of Berkeley City College courses that have a C-ID Designator.:

<u>Berkeley City College Course</u>	<u>C-ID Designator</u>	<u>Berkeley City College Course</u>	<u>C-ID Designator</u>
1. ART 1	ARTH 100	31. GEOG 18	GEOG 140
2. ART 2	ARTH 110	32. GEOL 10	GEOL 120
3. BUS 1A	ACCT 110	33. GEOL 10L	GEOL 120L
4. BUS 1B	ACCT 120	34. HIST 2A	HIST 170
5. BUS 2	BUS 125	35. HUMAN 30A	PHIL 120
6. BUS 10	BUS 110	36. MATH 3A	MATH 210
7. CHDEV 51	CDEV 100	37. MATH 3B	MATH 220
8. CHEM 1A	CHEM 110	38. MATH 3C	MATH 230
9. CHEM 1A & CHEM 1B	CHEM 120S	39. MATH 3F	MATH 240
10. CHEM 12A	CHEM 150	40. MATH 3E	MATH 250
11. CHEM 12A + CHEM 12B	CHEM 160S	41. PHIL 1	PHIL 100
12. CHEM 30A & PHYS 10	PHYS 140	42. PHIL 10	PHIL 110
13. COMM 4	COMM 140	43. PHIL 11	PHIL 210
14. COMM 5	COMM 120	44. PHIL 20A	PHIL 130
15. COMM 6	COMM 150	45. PHIL 20B	PHIL 140
16. COMM 19	JOUR 100	46. PHIL 31A	PHIL 120
17. COMM 20	COMM 130	47. PSYCH 1A	PSY 110
18. COMM 45	COMM 110	48. PSYCH 6	PSY 170
19. ENGL 1A	ENGL 100	49. PSYCH 21	PSY 180
20. ECON 1	ECON 202	50. PSYCH 28	PSY 200
21. ECON 2	ECON 201	51. SOC 1	SOCI 110
22. EDUC 1	EDUC 200	52. SOC 2	SOCI 116
23. ENGL 1A	ENGL 100	53. SOC 8	SOCI 160
24. ENGL 1B	ENGL 120	54. SOC 13	SOCI 130
25. ENGL 5	ENGL 105	55. SOC 120	SOCI 120
26. ENGL 10A	ENGL 200	56. SPAN 2A	SPAN 200
27. ENGL 85A	ENGL 150	57. SPAN 2B	SPAN 210
28. ENGL 85B	ENGL 152	58. SPAN 22A	SPAN 220
29. ENGL 85C	ENGL 155	59. SPAN 22B	SPAN 230
30. GEOG 3	GEOG 125		

AREA C – ARTS AND HUMANITIES	R	IP	C
<p>Minimum of 9 semester (or 12-15 quarter) units with one course from Arts (C1), one course from Humanities (C2), and one course from either the Arts or Humanities. C1 – Arts (Arts, Cinema, Dance, Music, Theater): AFRAM 44B ART 1, 2, 3, 4, 13, 14, 16, 46, 98 (*), 180, 182(+) ENGL 21(*), HUMAN 21(*), 26, 52 (**), 53, 57, 182(+) (*), (**), (+) <i>Students will receive credit and certification for one course only.</i></p> <p>College: _____ Course from Other College: _____ Advanced Placement: _____</p>			
<p>C2 – Humanities (Literature, Philosophy, Languages other than English): ANTHR 7 ARAB 1A,1B, 30A ART 182 (****) ASL 50, 50AB, 51, 51AB, 52, 52AB, 53, 53AB ASAME 30 CHIN 1, 40A ENGL 1B, 10A, 10B, 17A, 17B, 20, 47 50, 71A, 71B, 72A, 72B, 73A, 73B, 85A, 85B, 85C , 91A, 91B, 92A, 92B, 93A, 93B (*), (**), (****) <i>Students will receive credit and certification for one course only.</i></p> <p>College: _____ Course from Other College: _____ Advanced Placement: _____</p>			
<p>AREA D – SOCIAL SCIENCES Minimum of 9 semester (or 12-15 quarter) units with courses from at least two different disciplines. AFRAM 1, 33 ANTHR 2, 3, 13, 15, 18, 55 ASAME 45B ASL 55A BIOL 27(**) CHDEV 51 COMM 6, 19 ECON 1, 2 ETHST 1 GEOG 2, 3, 5, 10, 18 HIST 1, 2A, 2B, 3A, 3B, 5, 7A, 7B, 8B, 10B, 12, 17 19, 21, 22, 23, 28, 31(*), 32, 33, 37(+), 38 (++) , 39, 46C [for 3 units] (*), (**), (+), (++) , (+++), (^). <i>Students will receive credit and certification for one course only.</i></p> <p>College: _____ Course from Other College: _____ Advanced Placement: _____</p>			
<p>AREA E – LIFELONG LEARNING & SELF-DEVELOPMENT Minimum of 3 semester (or 4-5 quarter) units, one course from the following: BIOL 27(*) CHDEV 51 COUN 24, 57 HLTED 1, 27(*) PSYCH 6, 7A, 10, 21, 30 (*) <i>Students will receive credit and certification for one course only. DD-214 documentation can be used to satisfy Area E.</i></p> <p>College: _____ Course from Other College: _____</p>			
<p>AMERICAN INSTITUTIONS: U.S. History, Constitution and American Ideals (This graduation requirement can be completed at BCC prior to transfer.) Any of the following combinations (two courses) are acceptable: POSCI 1 or 5 AND HIST 7A or HIST 7B or HIST 40 Note: Courses used to meet this requirement may also be used to satisfy requirement in CSU-GE/Breadth, Area D, (at the option of the receiving CSU campus), although units are counted once (<i>Please see a counselor for details</i>).</p>			
<p>CSU-GE Completed: <input type="checkbox"/> YES CSU Graduation Requirement American Institutions Completed: <input type="checkbox"/> YES</p>			

Effective Fall 2005, the upper division transfer applicant must have completed at least 60 transferable units with a minimum GPA of 2.0. Of these a minimum of 39 units of General Education/Breadth must be completed including Areas A1, A2, A3 and B4.
Certification: The "Request for Certification" form is available and can be filed in the Admissions and Records Office. Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the CSU-GE/Breadth area identified by the offering college the term the course was taken. Courses taken at other colleges or universities (other than a CA Community College) may be used on CSU-GE as long as the courses are determined to meet CSU-GE course standards. Berkeley City College (Peralta Community College District) can certify either full certification (completion of all requirements in each subject-area) or partial certification (completion by subject-area) of the CSU-GE/Breadth. Students should request certification when a final transcript is requested to be sent to their choice of CSU, the term prior to transfer. Once certification is completed student records (transcript) will reflect the full or partial certification of CSU-GE/Breadth.

APPENDIX C
Berkeley City College
2050 Center Street, Berkeley, CA 94704
Intersegmental General Education Transfer Curriculum (IGETC)
2014-2015 ADVISING FORM

Student's Name: _____
Last First Student I.D. # Major

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower-division, G. E. courses to satisfy campus G.E requirements. However, completion of the IGETC is not a requirement for admission to the CSU or UC system nor is the only way to fulfill lower division G.E. requirements (see reverse side for more information about IGETC exceptions, restrictions, and certification).

⇒ **For more specific information, please see a counselor before enrolling in these courses.**

^Indicates that transfer credit may be limited by either UC or CSU, or both. **Legend: R=Remaining IP=In Progress C=Completed**

	R	IP	C
AREA 1 – ENGLISH COMMUNICATION CSU: 3 courses required, one each from Group A, B, and C. UC: 2 courses required, one each from Group A and B Group A: English Composition, 1 course, 3 semester (or 4-5 quarter) units. ENGL 1A			
Group B: Critical Thinking – English Composition, 1 course, 3 semester (or 4-5 quarter) units. COMM 5 ENGL 5			
Group C: Oral Communication (CSU Requirement Only) 1 course, 3 semester (or 4-5 quarter) units. COMM 1A, 3, 4, 20, 45			
AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING 1 course, 3 semester (or 4-5 quarter) units. MATH 1^, 2^, 3A^, 3B^, 3C, 3E^, 3F^, 11, 13, 16A^, 16B^			
AREA 3 – ARTS AND HUMANITIES At least 3 courses, with at least one from the Arts and one from the Humanities: 9 semester (or 12-15 quarter) units. ARTS: AFRAM 44B ENGL 21(*) MMART 122B, 123 ART 1, 2, 3, 4, 13, 14, 16, 98(*), 180, 182(^) HUMAN 21(*), 26, 52(**), 53, 182(^) MUSIC 15A, 15B (*), (**), (^) <i>Students will receive credit and certification for one course only.</i> WS 52 (**)			
HUMANITIES: ANTHR 7 HIST 33 ARAB 1B HUMAN 1, 5, 30A(*), 30B, 40, 46(**), 55, 57, 182(+) ART 182(+) M/LAT 30A, 30B ASAME 30 PHIL 1, 2, 16, 20A, 20B, 31A(*), 35(***) ,37, 46(**) ENGL 1B, 17A, 17B, 20, 50 PORT 1B 85A, 85B, 85C SPAN 1B, 2A^, 2B^, 10A, 10B, 38, 40 FREN 1B WS 35(++++) (*), (**), (***) , (****), (+) <i>Students will receive credit and certification for one course only.</i>			
AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES At least 3 courses from at least 2 disciplines or an interdisciplinary sequence: 9 semester (or 12-15 quarter) units. AFRAM 1, 33 HIST 1, 2A, 2B, 3A, 3B, 5, 7A, 7B, 8B, 10B, 12, 17, 19, 21, 22 ANTHR 2, 3, 13, 15, 18, 55 23, 28, 29, 31 (***) , 32, 37(+), 38 (++) , 39 ASAME 45B HUMAN 55 ASL 55A POSCI 1, 2, 3, 4, 5, 6, 11(+), 12 (***) , 20 (++) , 25 (+) BIOL 27(**) PSYCH 1A, 6, 7A, 10, 21, 30 CHDEV 51 SOCS 1(++++), 2, 3(+) COMM 6, 19 SOC 1, 2, 3, 5, 6(+), 8, 13 ECON 1, 2 WS 1(++++) ETHST 1 GEOG 2, 3, 5, 10^ HLTED 27(**), 46F (*), (**), (***) , (+), (++) , (+++) , (++++), (+) <i>Students will receive credit and certification for one course only.</i>			
AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES At least 2 courses, one from Physical Science and one from Biological Science; at least one must include a Laboratory (indicated by "L" in parentheses): 7-9 semester (or 9-12 quarter) units. A. PHYSICAL SCIENCES: ASTR 10 GEOG 1 ((add GEOG 1L to clear lab requirement) CHEM 1A(L), 1B(L), 12A(L), 12B(L), 30A(L)^, 30B(L) GEOL 10 (add GEOG 10L to clear the lab requirement) PHYS 10^, 20 PHYS 2A(L)^, 2B(L)^, 3A(L), 3B(L), 4A (L)^, 4B (L)^, 4C (L)^, 10^			
B. BIOLOGICAL SCIENCES: ANTHR 1(add ANTHR 1L to clear lab requirement) BIOL 1A(L), 1B(L), 3(L), 10(L)^, 13, 13L^, 25^			
C. LABORATORY SCIENCE: One course shown with (L) in Areas 5A and 5B.			
LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)	R	IP	C

<p>1. Completion of one course (4-5 semester units) at college level, that is considered equivalent to 2 years of high school language, with a grade of "C" or better; OR</p> <p>2. Completion of two years of high school course work in one language other than English with a grade of "C-" or better (<u>official transcript required</u>); OR</p> <p>3. Completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English (<u>documentation required</u>); OR</p> <p>4. Satisfactory score on the College Board Subject Test (formerly SAT II) in a language other than English (see a counselor for required scores); OR</p> <p>5. Score of 3 or better on the College Board Advanced Placement Examination in a language other than English; OR</p> <p>6. Score of 5 or better on the International Baccalaureate Higher Level Examination in a language other than English; OR</p> <p>7. Satisfactory completion of a proficiency test administered by a community college or university in a language other than English (<u>documentation required</u>).</p> <p>Proficiency met by completed one of the following BCC courses: <u> </u> ARAB 1A, 1B; ASL 50, 51, 52, 53; CHIN 1; FREN 1A, 1B; PORT 1A, 1B; SPAN 1A, 1B, 2A, 2B, 22A, 22B (Note: Courses above proficiency level may be used to meet this requirement and may also be used to clear if listed in another IGETC area) <u> </u> Course from other college: College: <u> </u> Course: <u> </u> (official transcript required) <u> </u> Completed in high school or at institution where language of instruction is not English <u> </u> Competency: Test name <u> </u> Score: <u> </u> Date: <u> </u> <u> </u> Proficiency Exam/Institution: <u> </u> Score: <u> </u> Date: <u> </u></p>			
<p>AMERICAN INSTITUTIONS: U.S. History, Constitution and American Ideals (CSU Graduation Requirement Only) Any of the following combinations are acceptable:</p> <p style="text-align: center;">POSCI 1 or 5 AND HIST 7A or HIST 7B or HIST 40</p> <p>Note: Courses used to meet this requirement may also be used to satisfy requirement in IGETC, Area 4 (at the option of the receiving CSU campus although units are counted once (<i>Please see a counselor for details</i>)).</p>			
<p>IGETC Completed: CSU <input type="checkbox"/> YES CSU Graduation Requirement American Institutions Completed: <input type="checkbox"/> YES UC <input type="checkbox"/> YES</p>			

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) with a grade of "C" or better will permit a student to transfer from a California community college to a campus in either the California State University (CSU) or the University of California (UC) system without the need after transfer to take additional lower-division general education courses. It should be noted that completion of the IGETC is not a requirement for admission to the CSU or UC system.

The IGETC is **not advisable** for all transfer students. The IGETC is most advantageous for transfers who have not yet decided on a major or a campus. Once a student has identified a major, it is important to give priority toward fulfilling all required major preparation courses, particularly in "high unit" majors that select applicants on the basis of satisfaction of lower division major requirements. If a student is pursuing a major that requires extensive lower division preparation, they may be better served by taking courses which fulfill the CSU General Education/Breadth requirements or the general education of the specific UC campus or college to which they plan to transfer, examples of such majors include, but are **NOT LIMITED** to: Computer Science, Business, Engineering, Pre-professional schools, and Sciences. (Note: Students transferring to UC San Diego's Eleanor Roosevelt and Revelle Colleges may complete IGETC, but they must also meet specific general education requirements of those colleges).

Restrictions: A student who is initially enrolled at a UC and is returning to the same UC campus (after attending a community college) is considered a "readmit" and **cannot** use IGETC. However, students who initially enroll at a UC, attend a community college and return to a **different** UC campus, may be able to use IGETC, but should check with the campus they wish to attend. This restriction does not apply to students who have taken UC summer session or Extension classes only.

Certification: The "Request for Certification" form is available and can be filed in the Admissions & Records Office. Berkeley City College (Peralta Community College District) can certify either full certification (completion of all requirements in each subject-area) or partial certification (maximum of two courses missing and completed after transfer). Students are responsible for completing minimum admission requirements for the CSU and UC systems if partially certified. **Note:** UC Berkeley's College of Letters & Science requires full certification of IGETC (*See a counselor for details*). Once certification is completed student records (transcript) will reflect the full or partial certification of IGETC. Students should request certification when a final transcript is requested to be sent to their choice of CSU or UC, the term prior to transfer. Students who transfer without certification will have to meet the general education requirements of the specific UC or CSU to which they are transferring. This may require completion of additional courses after transfer.

Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the IGETC area identified by the offering college the term the course was taken. Courses taken at other colleges or universities (other than a CA Community College) may be used on IGETC as long as the courses are determined to meet IGETC course standards. Except for courses from other California Community Colleges' IGETC, coursework from other institutions will not be used to fulfill the Critical Thinking requirement, Area 1B (*See a counselor for more information*).

Students are encouraged to see a counselor by appointment to discuss transfer and the IGETC option as part of an education plan. Counselors are available by appointment through the Counseling Office.



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