



Curriculum & Instruction Recommendations September 2011

Educational Services
Office of the Vice Chancellor
Presented and Approved at Board Meeting of September 27, 2011

CURRICULUM AND INSTRUCTION RECOMMENDATIONS
September 2011

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**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 9/12/2011

Date Submitted For:
Board Approval:

Curriculum Item:	EFF.	JUSTIFICATION:
Berkeley Course Deletion	S 12	These programs have been discontinued.
COPED 456G, Occupational Work Experience in International Trade		
COPED 458D, Occupational Work Experience in the Travel Industry		
Berkeley New Course	S 12	Borrowing course from other Peralta Colleges to widen our offerings in Anthropology. Consultation occurred in Spring 2011. Recommended for Anthropology and Religion majors Proposed for credit for CSU Area A, IGETC Area 4.
ANTHR 7, Magic, Religion and Witchcraft 3 Units, 3 Hours Lecture, (GR)		
Comparative study of religion, magic, and supernatural beliefs and practices: Dynamics and function of religion and magic in human societies. 2202.00		
Berkeley New Course	S 12	The course will examine the development of conceptual art from World War I to the present and compare it to traditional art forms (painting, sculpture, theater, music, dance and architecture). Areas of exploration will include performance, installation, earthworks, sound, video, and the use of non-traditional materials in the creation of art objects. Students will have the opportunity to respond to the material in an academic and creative format. This subject is critical to understanding contemporary art, and is not specifically addressed in other art history classes. Originally offered as ART 48VO and ART 48VS.
ART 180, Introduction to Conceptual Art 3 Units, 3 Hours Lecture, (GR/PNP)		
Major visual art forms and movements of the twentieth century: Performance, installation, earthworks, sound, video, and the use of non-traditional materials in the creation of art objects. 1001.00		
Berkeley New Course	S 12	Artist as Citizen: Introduction to Community-based Art Practices will bring a new offering to the art department and support new department directions such as the Certificate in Public Art. The course will enhance overall enrollment by recruiting BCC students as well as local artists who are interested in contemporary approaches to art, social activism and education. The class will emphasize a collaborative process in creating community-based art projects or actions and events that take the studio practice into the street. Through the vehicle of service learning students will investigate and create art that explores social and environmental issues. It will enhance existing interest in Mural Design and Creation and Conceptual art. It will fit comfortably with existing offerings such as Drawing and Composition, Painting, Art History, Women's Art History, and "Themes, Trends and Traditions in World Art". Originally approved as ART 48VQ.
ART 181, Artist as Citizen: Community-Based Art Practices 3 Units, 2 Hours Lecture/ 4 Hours Lab, (GR/PNP)		
Contemporary art practices required for public art: Creative collaboration with other artists and local organizations; conceptual and technical approaches of a community-based art project. 1001.00		

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley New Course</p> <p>ART 182, Introduction to Visual Culture 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Introduction to the function of visual languages from "high" art to TV, movies, and popular culture: Key concepts such as power, identity, ideology, gender, race, class, globalism, desire, consumerism and their impact on the production and understanding of the visual; role of the viewer in the ongoing and co-creative establishment of meaning. Not open for credit to students who have completed or are currently enrolled in HUMAN 182.</p> <p style="text-align: right;">1001.00</p>	S 12	<p>This course adds a critical and contemporary framework with which to understand the complex visual environment we live in. This course complements college offerings in art history, humanities, multimedia, film studies, and studio art and reflects recent trends in these fields. This course will be a foundation course for a planned interdisciplinary certificate in Visual Culture. The course develops visual literacy: to understand how images interrelate, merge, and disperse meaning--seeing not just their surface, but their source. By introducing and applying ideas from theories of visual culture, this course will provide a deeper understanding of images in advertising, fine art, film, television, multimedia, and the Web. The main goal is to teach new ways of seeing, reading, and interacting with the visual environment.</p>
<p>Berkeley New Course</p> <p>BUS 77, Integrated Marketing Communications 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Integrated marketing communications (IMC): Basic principles, structure, and function; purpose and function in relation to the marketing tactical mix; practical development, integration, and application of advertising, sales promotion, public relations, personal selling, and direct marketing skills; production of IMC plan.</p> <p style="text-align: right;">0501.00</p>	S 12	<p>This course is an introduction to Integrated Marketing Communications (IMC) or Promotion, the fourth "P" of marketing. In today's new marketing environment, public relations, advertising, direct marketing, and sales do not stand alone but must work as an integrated whole, thus, students must learn these elements as a comprehensive package and how they work in the marketing mix, rather than as individual skills. Though it is currently a stand alone course, it will likely be added to the electives for Business Degrees in the coming year. It is a much broader (introductory) approach than existing courses such as Advertising or Public Relations. Stand Alone Course.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>Berkeley New Course</p> <p>HUMAN 182, Introduction to Visual Culture 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Introduction to the function of visual languages from “high” art to TV, movies, and popular culture: Key concepts such as power, identity, ideology, gender, race, class, globalism, desire, consumerism and their impact on the production and understanding of the visual; role of the viewer in the ongoing and co-creative establishment of meaning. Not open for credit to students who have completed or are currently enrolled in ART 182.</p> <p style="text-align: right;">1599.00</p>	S 12	<p>This course adds a critical and contemporary framework with which to understand the complex visual environment we live in. This course complements college offerings in art history, humanities, multimedia, film studies, and studio art and reflects recent trends in these fields. This course will be a foundation course for a planned certificate in Visual Culture.</p> <p>The course develops visual literacy: to understand how images interrelate, merge, and disperse meaning--seeing not just their surface, but their source.</p> <p>By introducing and applying ideas from theories of visual culture, this course will provide a deeper understanding of images in advertising, fine art, film, television, multimedia, and the Web. The main goal is to teach new ways of seeing, reading, and interacting with the visual environment.</p>
<p>Berkeley New Course</p> <p>LRNRE 248UP, Environmental Literacy for College and Career 3 Units, 3 Hours Lecture, (GR/PNP)</p> <p>Introduction to environmental and social context in which green jobs and careers occur: Water, waste, transportation, energy and building.</p> <p style="text-align: right;">0302.00</p>	F 11	<p>This course is designed to prepare students to enter PCCD/California Community Colleges' green job programs. The program provides students with key knowledge and skills needed to prepare for green jobs and careers. It also leads to future certification opportunities through non-profits in the city of Berkeley (e.g., Rising Sun Energy Center). It is being offered on an experimental basis, as a late start for Fall 2011, as part of BCC's cohort programs and first year experience grant-funded programs. It will be used in the ROOTS co-hort and will eventually contribute to student entry level certification in the field. Stand Alone Course.</p>
<p>Berkeley Informational Items—Distance Ed</p> <p>ART 21, Continuing Drawing & Composition</p> <p>ART 24, Special Projects: Drawing</p> <p>ANTHR 7, Magic, Religion and Witchcraft</p> <p>BUS 77, Integrated Marketing Communications</p>	F 11	<p>Distance Education Options added</p> <p>Distance Education Options added</p> <p>Distance Education Options added</p> <p>Distance Education Options added</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
Berkeley Program Modification		
Associate in Arts Degree: ART		
The Art Department offers both an Associate in Arts Degree and Certificates of Achievement programs. Various required and elective courses focus on individual creative development and provide a broad range of classroom and studio experiences. Art courses fulfill requirements for transfer or prepare you for careers requiring competency in visual media.		
Choose 3 units from the following seven courses.		
ART 001 Introduction to Art History		Units 3
ART 004 History of Modern Art (1800 to Present)		3
ART 013 History of Women in Art (19th & 20th Centuries)		3
ART 014 Themes, Trends, and Traditions in World Art		3
ART 016 Introduction to Islamic Art		3
ART 182 Introduction to Visual Culture or		3
HUMAN 182 Introduction to Visual Culture		3
Additional Requirements		
ART 018 Critique and the Creative Process		Units 3
ART 020 Beginning Drawing & Composition		2-3
ART 021 Continuing Drawing & Composition		2
ART 025 Beginning Figure Drawing & Composition		2
ART 026 Continuing Figure Drawing & Composition		2
ART 050 Beginning Painting		2-3
Choose a minimum of 6 units from the studio art electives listed below.		
ART 024 Special Projects: Drawing		Units 2
ART 029 Special Projects: Figure Drawing		2
ART 030 Beginning Figure Drawing: Anatomy		2
ART 031 Continuing Figure Drawing: Anatomy		2
ART 041 Basic Design		2
ART 044 Three Dimensional Design		2
ART 051 Continuing Painting		2
ART 054 Special Projects: Painting		2
ART 060 Beginning Painting: Watercolor		2
ART 064 Special Projects: Watercolor Painting		2
ART 095A Beginning Photography I		3
ART 095B Beginning Photography II		3
ART 096A Intermediate Photography		3
ART 096B Advanced Photography		3
ART 119 Figure Painting in Context		3
ART 133A Mural Design and Creation I		3
ART 133B Mural Design and Creation II		4
ART 175 Studio Art Laboratory		1
ART 180 Introduction to Conceptual Art		3
ART 181 Artist as Citizen: Community-Based Art Practices		3
Major Requirements		22-24
General Education and Electives		36-38
Total Units		60

For the Associate of Arts Degree in Art, students must complete the General Education pattern and optional courses for an additional 36 to 38 units .

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Berkeley Program Modification

Certificate of Achievement: Art: Figure Studies

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

Required Courses	Units
ART 020 Beginning Drawing & Composition	2 - 3
ART 025 Beginning Figure Drawing & Composition	2
ART 030 Beginning Figure Drawing: Anatomy or	2
ART 031 Continuing Figure Drawing: Anatomy	
<i>ART 119 Figure Painting in Context</i>	3
<i>MMART 178 Drawing for Animation</i>	2
<i>MMART 178L Drawing for Animation Lab</i>	1
ART 029 Special Projects: Figure Drawing	2

Choose one course from the following art history electives:	Units
ART 001 Introduction to Art History	3
ART 004 History of Modern Art (1800 to Present)	3
ART 013 History of Women in Art (19th & 20th Centuries)	3
ART 014 Themes, Trends, and Traditions in World Art	3
ART 201 Art Destination Studies	1
<i>ART 182 Introduction to Visual Culture or</i>	<i>3</i>
<i>HUMAN 182 Introduction to Visual Culture</i>	<i>3</i>

Choose from the following studio art electives for 4-5 units:	Units
<i>ART 018 Critique and the Creative Process</i>	<i>3</i>
<i>ART 175 Studio Art Laboratory</i>	<i>1</i>
<i>MMART 131A Photoshop I</i>	<i>2</i>
<i>MMART 131LA Photoshop I Lab</i>	<i>1</i>
ART 24 Special Projects: Drawing	2
ART 054 Special Projects: Painting	2
ART 021, 023, 025, 029, (Figure Drawing)	2
ART 052, 053, 060, 061, 062, 063, 064, (Painting)	
ART 081, 084, (Ceramics)	
ART 095A/B, 096A/B (Photography)	

Required Courses	14 - 15
Art History Electives	3
Studio Art Electives	4 - 5
Total Units	21 - 23

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Berkeley Program Modification

Certificate of Achievement: ~~Oil and Acrylic~~ *Public Art*

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

Required Courses	Units
ART 020 Beginning Drawing & Composition	2 - 3
ART 050 Beginning Painting	2 - 3
ART 133A Mural Design and Creation I	3
ART 133B Mural Design and Creation II	4
ART 181 Artist as Citizen: Community-Based Art Practices	3
Art History Course (Choose from listing below)	3
Studio Art Electives (Choose from listing below)	2 - 3
Total Units 19 - 22	

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

Studio Art Electives (choose 2-3 units of the following) Units	Units
ART 018 Critique and the Creative Process	3
ART 044 Three Dimensional Design	2
ART 180 Introduction to Conceptual Art	3
ART 175 Studio Art Laboratory	1
MMART 196A Art Marketing and Portfolio Management	2
MMART 196LA Art Marketing and Portfolio Management	1
Total Units	19 - 22

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Curriculum Item:	EFF.	JUSTIFICATION:
COLLEGE OF ALAMEDA		
Alameda New Course	S 11	
WELD 48AA, Service Welding for Transportation Technology, 2 Units, 1 hour lecture, 3 hours lab, (GR)		Welding is an essential and long-standing component of the AUTOB program. Cross-listing with AUTOB 12 will expand the pool of qualified faculty in order to maintain the integrity of the program.
Transportation welding technology: Basic techniques of welding; safety, set-up, and operational procedures performed in Oxyacetylene, MIG, and welding operations. 0956.50		
LANEY COLLEGE		
Laney Informational Items—Distance Ed	S 12	
AFRAM 30, African America History: Africa to 1865		Distance Education Options added
AFRAM 31, African America History: 1865 to 1945		Distance Education Options added
Laney Modified Course	F 11	
POSCI 21, Overview Of The California State Court System <i>and State Law</i>		Changing course title and description. Part of proposed Legal Court Interpreter (Spanish Language) certificate program.
Introduction to functions of the California State Court System: Trial Courts, Appellate Courts, <i>and</i> the Supreme Court, the types of cases heard at each level and review of rights and responsibilities of individuals engaged in court proceedings. Role of the California Judicial Branch relative to the executive and legislative branches of the local California state government. <i>Review of federal judicial branch history, selected state laws, courtroom personnel and protocol, due process protections and legal terminology.</i>		
Laney New Fee Based Course		
PE 840 Hatha and Acu-Yoga 12 Hours		Hatha yoga is a preferred form of exercise for some people, increasing strength and flexibility, mind-body awareness, conscious use of breath, mental concentration, and ability to relax. Acu-yoga adds the awareness of working with the meridian lines, energy and points used in Chinese medicine. Both have been found to be especially helpful in reducing stress for one's overall life.
Activity class: Development of basic Yoga postures, conscious breathing patterns, stretching and relaxation techniques, focus, and awareness of the meridian or energy lines running through the body. 6822.00		

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MERRITT COLLEGE		
Merritt New Course	F 11	
<p>AFRAM 3, Ghana: Pan African Thought and the Struggle for Africa’s Liberation 3 Units, 3 Hours Lecture (GR)</p> <p>Study of Pan African thought and world wide African unity: Pan African ideas and movements with a focus on Kwame Nkrumah and Ghana’s independence; particular attention on the history, culture, and current conditions of the people of Ghana.</p> <p style="text-align: right;">2203.00</p>		<p>The African-American Department aims to add more courses about the continent of African as its history and culture are directly tied to Africans in the Americas. Cultural and political movements of the early 1900s such as the Harlem Renaissance, Du Bois’ Pan Africanism, and Garvey’s movement were deeply tied to African redemption. In addition, liberation movements in Africa and the U.S. Civil Rights and Black Power movements were influenced and encouraged by each other. Thus, the aim is to create a more concrete connection between the continent of Africa and its diaspora. Institutionalizing AFRAM 48NM.</p>
Merritt New Course	F 11	
<p>AFRAM 4, The Black Panther Party: Strategies on Organizing the People 3 Units, 3 Hours Lecture (GR)</p> <p>In-depth examination of the Black Panther Party: Origins, philosophy, leaders, organizing strategies, community programs, FBI surveillance, and long term impact.</p> <p style="text-align: right;">2203.00</p>		<p>This course will be an academic and service learning course that teaches students about the Black Panther Party origins, philosophy, organizing tactics, community programs and US government response. Additionally, students will be engaged in applying the knowledge gained from this course in local grassroots organizations. Institutionalizing AFRAM 48NK.</p>
Merritt Modified Course Proposal	F 11	
<p>AFRAM 18, African Heritage of Latin America 3 Units, 3 Hours Lecture (GR)</p> <p>Survey of the influence of African people throughout Latin America: Culture; music, language, religion and dance; examination of slavery, colonialism, resistance and independence movements in the region.</p> <p style="text-align: right;">2203.00</p>		<p>The course explores the African cultural and historical heritage that exists in Latin American countries and the Caribbean due to the history of slavery and colonization. It offers students the ability to examine the transformation and retention of culture over centuries and through traumatic periods in history. Importantly, students will gain an increased global awareness of the shaping of the African Diaspora, both past and present. Institutionalizing AFRAM 48NL.</p>
Merritt Informational Items—Distance Ed	F 11	
NURS 13, Pharmacology in Nursing		Distance Education Options added
NURS 14, Nutrition and Diet Therapy in Nursing		Distance Education Options added

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Curriculum Item:	EFF.	JUSTIFICATION:
MERRITT (CATALOG CLEANUP 2011-13)		
BIOL 044A 061E Natural History: of the Tide Pools of the Greater Bay Area	F11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044B 061F Natural History: Freshwater Fishes of the Greater Bay Area	F11	Course Addition Correction Originally submitted and approved 5/2/11. Should be in Biol 61 series. Rescinded by Merritt CIC.
BIOL 044C 061G Natural History: Mammals of the Greater Bay Area	F11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044D 061H Natural History: Butterflies of the Greater Bay Area	S11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044E I61I Natural History: Bryophytes of the Greater Bay Area	S11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044F 061J Natural History: Ferns and their Allies of the Greater Bay Area	S11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044G 061K Natural History: Lichens of the Greater Bay Area	S11	Course Addition Correction Originally submitted and approved 12/6/10. Should be in Biol 61 series.
BIOL 044N 061L Nudibranchs of the Greater Bay Area	F11	Course Addition Correction Originally submitted and approved 5/2/11. Should be in Biol 61 series. Rescinded by Merritt CIC.
BIOL 848OR 848OC Life History of the Northern Pacific Rattlesnake		Course Addition Correction Originally submitted and approved 4/4/11. Duplicate course number assigned-see 2/1/10 CIPD.
BIOSC 002 Theory and Practice of Optical Microscopy 5 units, 4 hours lecture, 3 hours laboratory (GR or P/NP) Corequisite: Biosc 5 and 6 and 7 and 8 and 10 and 11 None	M11	Course Modification Correction Originally submitted and approved 3/7/11. Corequisite removal approved by Merritt CIC.
BIOSC 038 Real-Time Polymerase Chain Reaction (PCR) 2 units, 1 hour lecture, 4.5 3 hours laboratory (GR or P/NP)	S12	Course Addition Correction Originally submitted and approved 5/2/11. Corrected to 3 hours lab.

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Curriculum Item:	EFF.	JUSTIFICATION:
<p>BIOSC 0480N Genomics Laboratory Design 2 units, 2 hours lecture (GR or P/NP)</p>	M11	<p>Course Addition Correction Originally submitted and approved 4/4/11. Rescinded by Merritt instructor.</p>
<p>BIOSC 090 Internship in Genomics 1 unit, .5 hours lecture, 1.5 hours laboratory (GR or P/NP) Acceptable for credit: CSU Study of the specific competencies required in the Genomics Internship program: Assessment, development, practicum, and evaluation of individual skills in a genomics work setting. 0430.00</p>	F11	<p>Course Addition Correction Originally submitted and approved 4/4/11.</p> <p>Original description: Internship in the genomics industry: Practical work experience.</p>
<p>CHDEV 054B Introduction to Curriculum Overview of the knowledge and skills related to providing appropriate curriculum and environments for children 0-6: Theories of child development and how they inform classroom practices; examination of the teacher's role in facilitating learning in young children with an emphasis on the essential role of active engagement and hands-on learning; overview of content areas, including language and literacy, social and emotional learning, sensory learning, math and science, art and creativity.</p>	F11	<p>Course Modification Minor change in course description. Course is required for the Child Development Teacher certificate and A.A. Degree program. Course is being modified to better align with the SLOs and objectives of the Curriculum Alignment Project It is one of the courses required in the 24-unit transfer path. Note: Updated (latest) course outline not posted in CurricuNet before this change was proposed. See 2/2/09 CIPD agenda.</p>
<p>Previous: Overview of the knowledge and skills related to providing appropriate curriculum and environments for children 0-6 and how theories of child development inform classroom practices: Examination of the teacher's role in facilitating learning in young children with an emphasis on the essential role of active engagement and hands-on learning; overview of content areas, including language and literacy, social and emotional learning, sensory learning, math and science, art and creativity. 1305.40</p>		

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<p>CHDEV 074 Health, and Safety, and Nutrition Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition: Key components that ensure physical health, mental health, and safety for both children and staff and the importance of collaboration with families and health professionals with focus on integrating the concepts into everyday planning and program development for all children. 1305.340</p> <p>Previous: Preschool Health, Safety, and Nutrition Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition: Identifying key components that ensure physical health, mental health, and safety for both children and staff along with the importance of collaboration with families and health professionals with focus on integrating the concepts into everyday planning and program development for all children. 1305.40</p>	F11	<p>Course Modification Change in title and minor change in course description. Minor changes in course title and description. Course is being offered to provide training for early childhood educators in establishing health and safety in a preschool setting. It is one of the courses required in the 24-unit transfer path to CSU being developed through the Curriculum Alignment Project. Note: Updated (latest) course outline not posted in CurricuNet before this change was proposed. See 3/2/09 CIPD agenda.</p>
<p>CHDEV 080 Teaching in a Diverse Society Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching: Various classroom strategies emphasizing culturally and linguistically appropriate anti-biased approaches to support all children in becoming competent members of a diverse society; self-examination and reflection on issues related to social identity, stereotypes, bias, social and educational access, media and schooling. 1305.00</p> <p>Previous: Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching: Exploring various classroom strategies while emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society; self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. 1305.00</p>	F11	<p>Course Modification Minor change in course description. Course is being changed to better align with the SLOs and objectives of the Curriculum Alignment Project and as part of the 24 unit transfer path in Child Development. It is one of the courses required in the 24 unit transfer path. Note: Updated (latest) course outline not posted in CurricuNet before this change was proposed. See 3/2/09 CIPD agenda.</p>

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Curriculum Item:	EFF.	JUSTIFICATION:
AFRAM 028 Survey of Third World through Film	F10	Course Deactivation Correction Course replaced by Afram 39, Black World Films (submitted and approved 9/14/09). Afram 28 not previously submitted to CIPD as a separate item.
CHDEV 084 Young Children with Special Needs: Strategies for Intervention	F11	Course Deactivation There are no plans to offer this course in the future.
CHDEV 085 Managing Challenging Behaviors in ECE Settings	F11	Course Deactivation There are no plans to offer this course in the future.
CHDEV 086 Career Education in Early Intervention	F11	Course Deactivation There are no plans to offer this course in the future.
CHDEV 087 Occupational Work Experience in Early Intervention	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 200A Speaking 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 200B Speaking 4	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 201A Writing 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 201B Writing 4	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 202A Grammar 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 202C Grammar 5	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 203A Reading 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 203B Reading 4	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 205A Vocabulary and Idioms in Context 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 208A Conversation 3	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 253B Reading 2	F11	Course Deactivation There are no plans to offer this course in the future.

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Curriculum Item:	EFF.	JUSTIFICATION:
ESL 256 Spelling and Phonetics of American English 2	F11	Course Deactivation There are no plans to offer this course in the future.
ESL 257A Pronunciation 3	F11	Course Deactivation There are no plans to offer this course in the future.
(Business) OFFICE ADMINISTRATOR Certificate of Proficiency	F11	Program Deactivation There are no plans to offer this program in the future.
(Business) RETAIL CLERK Certificate of Proficiency	F11	Program Deactivation There are no plans to offer this program in the future.
(Child Development) VIOLENCE INTERVENTION AND COUNSELING Certificate of Proficiency	F11	Program Deactivation There are no plans to offer this program in the future.
(Child Development) EARLY INTERVENTION Certificate of Proficiency	F11	Program Deactivation There are no plans to offer this program in the future.
(Nutrition and Dietetics) DIETARY ASSISTANT Certificate of Proficiency	F11	Program Deactivation There are no plans to offer this program in the future.

Program Modification (Eff. F11)

ART

(Introductory Description for Catalog)

The artistic impulse is an intrinsic human necessity for holistic health. The shared creative process of a class in drawing, painting or ceramics fosters, in the warmest, most accessible way, a general communication that spreads out to benefit the entire community.

In addition to generating and nurturing the creative element in human life, the Art Department offers many classes that transfer to the University of California and California State University systems as electives, as well as beginning studio classes that transfer to satisfy Fine Arts and Art History major requirements. Art history classes also satisfy the Humanities General Education requirement.

Focusing on preparation for vocational careers, the Art Department offers three certificate programs: **Botanical Illustration, Art Foundation, and Ceramics**. These certificates have been designed to prepare students for advancement in areas such a fashion, costume design, graphic design, illustration, industrial design, interior design, media arts, animation, video, architecture, arts education, or childhood education. A **Certificate of Proficiency in Botanical Illustration, Art Foundation, or Ceramics** will be awarded upon satisfactory completion of the courses specified below for each area of specialization. **The Certificate of Proficiency is not indicated on the student's transcript.**

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Program Modification (Eff. F11)

CHILD DEVELOPMENT

The Child Development program is designed for students desiring to transfer to a four-year college or to meet requirements to work in public or private childcare facilities. The **AA degree in Child Development** will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. The Child Development AA degree includes the State Curriculum Alignment Project (CAP) courses. The program conforms to regulatory agency guidelines and offers several options as specified below.

Career Opportunities:

Career opportunities are available in a variety of jobs in the field of Early Care and Education.

Degree Major Requirements:

Dept/No.	Title	Units
CHDEV 50	Principles and Practices of Teaching Young Children	3
CHDEV 51	Child Growth and Development	3
CHDEV 52	Observation and Assessment	3
CHDEV 53	The Child, the Family and the Community	3
CHDEV 54A	Social and Emotional Foundations for Early Learning	3
CHDEV 54B	Introduction to Curriculum	3
CHDEV 55A	Practicum-Field Experience	5
CHDEV 74	Health and Safety and Nutrition	3
CHDEV 80	Teaching in a Diverse Society	3

Select courses for a total of 3-5 units from the following:

CHDEV 55B	Practicum-Field Experience (5)	
CHDEV 56A	Infant/Toddler Development and Care (3)	
CHDEV 56B	Curriculum and Environments for Infants and Toddlers (3)	
CHDEV 58	Preschool Administration (3)	
CHDEV 59	Preschool Supervision and Staff Relations (3)	
CHDEV 60	Emergent Literacy and Children's Literature (3)	
CHDEV 66	Music for Young Children (2)	
CHDEV 68	Play-Based Curriculum (3)	
CHDEV 70	Preschool Art Curriculum: Principles and Practices (2)	
CHDEV 71	The Business of Early Childhood Education (3)	
CHDEV 75	Supervising Adults in Early Childhood Programs (3)	
CHDEV 246	Emergent Topics: Best Practices for Working with Children (.5-2)*	3-5
	Total Required Units:	32-34

***A maximum of one (1) unit combined from any Emergent Topics course can be applied toward the Child Development AA degree major.**

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EFF.

JUSTIFICATION:

Program Modification (Eff. F11

(Note: No change in course requirements, just in program narrative.)

NURSING

The Associate Degree Nursing (ADN) program is approved by the California Board of Registered Nursing. This program is designed to prepare students for beginning positions in Registered Nursing. Upon successful completion of the program, students are eligible to take the state licensing examination for registered nurses. The course of study includes instruction in applied nursing sciences, related natural and social/behavioral sciences, and clinical nursing experience in hospitals and healthcare facilities located in the San Francisco Bay Area.

The **AS degree in Nursing** will be awarded upon satisfactory completion of the Group A Prerequisite requirements, the Group B General Education/Graduation requirements, and the Group C Major course requirements.

Applications are accepted each year from December 1 – March 1 for the class admitted the following Fall semester. All applications with supporting data (all transcripts, etc.) must be received no later than March 1. Applications may be hand-delivered or mailed to the Merritt College Associate Degree Nursing Program. Nonresident foreign students must first be cleared for admission through the International Student Advisor's Office. It is highly recommended that all students interested in the Nursing program see a counselor for guidance in preparation for the program and evaluation of prerequisites prior to applying.

NO MATERIALS WILL BE ACCEPTED AFTER THE APPLICATION DEADLINE DATES. LATE OR INCOMPLETE APPLICATIONS WILL NOT BE EVALUATED.

Students may apply for admission only once per year.

In order to apply for admission into the ADN Program, students must complete the admission prerequisites (Group A courses). After completion of the Group A courses, students may apply to the ADN Program. Applications are evaluated to determine if the student is eligible to continue in the application process based upon the Chancellor's Advisory Model Prerequisites.

Eligibility Requirements:

1. The student must be a graduate of an accredited high school or have passed the GED test or equivalent.
2. **All prerequisite courses in Group A must be completed before applying for admission into the program.**
3. Foreign transcripts must be submitted to an international education service for evaluation and official sealed results submitted with the application. Forms may be obtained from the Counseling Office.
4. Nonresident foreign students must see the International Student Advisor before applying.

Admission Criteria Effective as of Fall 2008:

The process by which students are admitted to the Associate Degree Nursing Program (ADN) changed for students applying for admission into the Program in Fall 2008 and subsequent terms. The Program adopted the Chancellor's Advisory Model Prerequisites for Enrollment in Associate Degree Nursing Program admission criteria. Students must complete all Group A prerequisites prior to applying to the ADN Program for admission. While it is highly recommended that students complete both Group A and Group B courses prior to entry into the ADN Program, admission into the ADN Program will be based upon the Chancellor's Advisory Model Prerequisites for Enrollment in the Associate Degree Nursing Program (Group A courses).

(continued on next page)

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EFF.

JUSTIFICATION:

(Nursing, continued)

Application and Admission Process:

The application and admission process consists of the following criteria:

1. All English coursework: 2.0 GPA or above is required.
2. Biology Core (anatomy, physiology, and microbiology): 2.5 GPA or above is required.
3. A formula approved by the State Chancellor's Office computes each student's cut score. A cut score of 80% or higher is required to meet eligibility requirements. Biology core repetitions adversely affect the overall score. All repeats, regardless of the grade (including a withdrawal "W" grade), are counted as a repetition.
4. Students who have met the minimum cut score (80%) must also pass a diagnostic assessment test, the TEAS Exam. Students who fail to achieve a passing score will be required to complete additional Pre-Nursing coursework prior to admission and enrollment in the Nursing program. Pre-Nursing coursework and clearance of diagnostic assessment deficiencies must be completed to become eligible for admission to the program.
5. **A lottery is conducted that includes all students who show academic readiness by having received a passing score on the TEAS Exam. This lottery is used for selecting the students who will be admitted to and enrolled in the Nursing Program.**

Prior to Admission:

All students selected for admission to the program must meet the following additional requirements:

1. A recent (within 6 months) physical examination certifying good physical health must be satisfactorily completed, at the student's own expense. This includes proof of negative results of annual tuberculosis (TB) screening.
2. CPR (Basic Life Support) certification must be current within one year at the time of application and must remain current throughout the length of the program.
3. Criminal background check and drug screening.

Upon admission to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at other colleges or universities.

Course Requirements:

Group A - Prerequisite Requirements:

Dept/No.	Title	Units
BIOL 20A	Human Anatomy and Physiology (5)	
	and	
BIOL 20B	Human Anatomy and Physiology (5)	
	OR	
BIOL 2	Human Anatomy (5)	
	and	
BIOL 4	Human Physiology (5)	10
BIOL 3	Microbiology	5
ENGL 1A	Composition and Reading	<u>4</u>
	Total Required Prerequisite Units:	19

Group B - General Education/Graduation Requirements:

Although Group B courses meet General Education (GE)/Graduation Requirements and can be completed prior to or after admission into the ADN Program, it is highly recommended that these courses be completed prior to admission into the program. Each Group B course must be completed with a grade of "C" or better (letter grade only) except for Ethnic Studies and Computer Literacy. "C-" is not acceptable.

(continued on next page)

**PERALTA COMMUNITY COLLEGE DISTRICT
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(Nursing, continued)		
Dept/No.	Title	Units
MATH 203	Intermediate Algebra	4
ENGL 1B	Composition and Reading (4)	
	or	
ENGL 5*	Critical Thinking in Reading and Writing (3)	3-4
PSYCH 1A	Introduction to General Psychology	3
SOC 1	Introduction to Sociology (3)	
	or	
ANTHR 3	Introduction to Social and Cultural Anthropology (3)	3
COMM 20	Interpersonal Communication Skills	3
Plus:	Computer Literacy requirement	1
And:	Ethnic Studies requirement	<u>3</u>
	Total Required GE/Graduation Units:	20-21

*If Engl 5 is selected instead of Engl 1B, an additional Humanities area 3 course is required to satisfy GE requirements. The minimum GE-unit requirement for the Associate degree is 19 units; some of these requirements can be met by the Group A prerequisite courses. Computer Literacy and Ethnic Studies are degree requirements that are not required by the BRN for licensure.

Group C - Degree Major Requirements:

The following courses are to be completed **after admission into the ADN program**. These courses must be completed with a grade of "C" or better (a 75% passing grade) in lecture and satisfactory clinical performance in each section of a course ("C-" is not acceptable):

Dept/No.	Title	Units
NURS 1	Fundamentals in Nursing: Beginning Principles of Health Care	9
NURS 3A	Perinatal Nursing	4
NURS 3B	Pediatric Nursing	4
NURS 4A	Intermediate Medical-Surgical Nursing	4
NURS 4B	Psychiatric Nursing	4
NURS 5	Advanced Medical-Surgical Nursing: Disruption in Homeostasis	9
NURS 10	Leadership and Management	1
NURS 11	Ethics and Law	1
NURS 12	Calculation of Drug Dosages for Health Professionals	1
NURS 13	Pharmacology in Nursing	3
NURS 14	Nutrition and Diet Therapy in Nursing	<u>2</u>
	Total Required Major Units:	42
	Total Required Program Units:	81-82

Students with prior experience in the healthcare field, such as Licensed Vocational Nursing (LVN), may apply to challenge courses within the Nursing curriculum and seek advanced placement in the program. Contact the Allied Health Department for details. For written information regarding advanced placement, challenge by examination, transfer, or the 30-unit option (BRN Regulation, Section 2736.6), contact the Allied Health Department Office located in Building D, Room 102.

Note: Transfer-in or advanced-placement students will be admitted only on a space-available basis.

NursingProgram2011-13Catalogr3.docx, Jh 6/6/11

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Date Submitted For:
Board Approval:

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EFF.

JUSTIFICATION:

Program Modification (Eff. F11)

(Note: No change in course requirements, just in program narrative, although units of some courses increased.)

NUTRITION AND DIETETICS

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/ dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are **two** majors in the Nutrition and Dietetics Department: **Dietary Manager (DM), and Dietetic Technology (DT)**. To qualify for the **Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor)**, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the **AS degree in Dietetic Technology**, students must satisfactorily complete the Degree Major requirements. Some courses in this major also satisfy the General Education requirements.

The Nutrition and Dietetics program is dedicated to fostering a learning environment that:

- Provides the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism.
- Supports the lifelong academic and professional success of every student, regardless of race, national origin or economic status.
- Contributes to institutional success by preparing students to successfully complete their training and find employment, and to be responsive to community needs and become active leaders and mentors in the field of dietetics.

Eligibility/Admission Requirements for Dietary Manager and Dietetic Technician Field Placement/Internship Programs:

1. A recent (within 6 months) physical examination certifying good physical health, a negative TB screening, immunization history, and verification of a clear background check must be satisfactorily completed, at the student's own expense, and results submitted at the application orientation meeting held at the beginning of May for the Fall semester and in December for the Spring semester.
2. Active e-mail account.
3. Prerequisite courses in Nutrition and Dietetics must be completed before applying for admission into the Dietary Manager or the Dietetic Technician Field Placement/Internship programs.
 - Nutrition and Dietetics major courses must be completed with a grade of "C" or better.
 - Nutr 1 is highly recommended. This course is a survey of the various professions in nutrition and dietetics, including academic requirements, job opportunities, and program details. Students' coursework from previous institutions is discussed and evaluated in this course which is helpful to the student in developing a Student Educational Plan (see Step 6 in Eligibility/ Admission Requirements).
 - Nutr 10, 12, 30, 31*, and 32* must be taken prior to applying to the field placement/internship program. This coursework must be current and have been taken within the last seven (7) years.
*Nutr 31 or 32 (one course only) may be taken concurrently with Nutr 70A/71A.
4. Transcript evaluation: Upon admission to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at other colleges or universities. Go to the American Dietetic Association website, www.eatright.org, for a list of agencies that are accepted to evaluate foreign transcripts for Nutrition and Dietetics.
5. Two sets of official transcripts from all colleges outside of the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Nutrition and Dietetics Department at Merritt College. Coursework taken at a Peralta College is available already; therefore, it is not necessary to send transcripts for coursework completed in the Peralta Community College District.
6. Develop a Student Educational Plan (SEP).

Highly Recommended Preparation:

CIS 1, Introduction to Computer Information Systems: Students entering the DM/DSS and DT programs are expected to demonstrate intermediate skills using Microsoft Word, e-mail, and navigating the Internet. Students who are not proficient are advised to complete CIS 1 at Merritt (or an equivalent course at another college). (continued on next page)

(Nutrition, continued)

DIETARY MANAGER

The **Dietary Manager** program is designed for those who seek advancement into management positions in food service, especially in the healthcare environment. Completion of this program qualifies one for employment in a long-term healthcare facility as a Dietetic Service Supervisor (DSS designation, State of California Department of Public Health). It also qualifies the graduate to apply for certification with the national Dietary Managers Association as a Certified Dietary Manager (CDM) and Certified Food Protection Professional (CFPP). A

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(Nutrition, continued)		
NUTR 71A Rotations in Supervised Practice, Level A (1-4)	2	
NUTR 71B Rotations in Supervised Practice, Level B (1-4)	3	
NUTR 71C Rotations in Supervised Practice, Level C (1-4)	3	
ANTHR 3 Introduction to Social and Cultural Anthropology		
or		
SOC 1 Introduction to Sociology		
or		
SOC 5 Minority Groups	3	
BIOL 24 Basic Human Anatomy and Physiology	4	
COMM 20 Interpersonal Communication Skills	3	
ENGL 1A ² Composition and Reading	4	
HLTOC 201 Medical Terminology I	2	
MATH 203 ³ Intermediate Algebra	4	
PSYCH 1A Introduction to General Psychology	3	
Plus: Computer Literacy (Area 4c) course	1	
And: Ethnic Studies (Area 5) course	3	
And: Humanities (Area 3) course	3	
Total Required Degree Major Units:	<u>60-61</u>	

Highly Recommended:

Nutr 1, Survey of Nutrition and Dietetics: This course is a survey of the various professions in nutrition and dietetics, including academic requirements, job opportunities, and program details. Students' coursework from previous institutions is discussed and evaluated in this course which is helpful to the student in developing a Student Educational Plan (see Step 6 in Eligibility/ Admission Requirements).

¹The courses listed meet course-content graduation requirements specified by the Nutrition and Dietetics Department to meet American Dietetic Association standards. Some of these courses also meet General Education requirements for the Associate degree. Note: Students who plan to sit for the American Dietetic Association (ADA) exam for Dietetic Technician Registered (DTR) certification must possess an Associate or higher degree before applying to take the exam.

²Engl 1A is required for transfer and for the Associate degree.

³Math 203 or a more advanced Mathematics course is required for the Associate degree; Math 50 or higher is required for transfer.

Recommended Sequence of Courses for Five Semesters:¹

Dept/No.	Title	Units
SUMMER (FIRST SEMESTER)		
NUTR 10	Nutrition (4)	
	or	
BIOL 28	Human Nutrition (3)	
	or	
BIOL 31	Nutrition (4)	<u>3-4</u>
	Semester Total:	3-4

(continued on next page)

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FALL (SECOND SEMESTER)		
BIOL 24 Basic Human Anatomy and Physiology	4	
CIS 205 Computer Literacy		
or		
Other Area 4c course	1	
HLTOC 201 Medical Terminology I	2	
NUTR 12 Nutrition and Disease	3	
NUTR 30 Sanitation and Safety	2	
NUTR 32 ² Supervision and Training	<u>3</u>	
Semester Total:	15	
SPRING (THIRD SEMESTER)		
ENGL 1A ³ Composition and Reading	4	
MATH 203 ⁴ Intermediate Algebra	4	
NUTR 31 ² Food-Production Systems	3	
NUTR 70A Seminar in Supervised Practice, Level A	2	
NUTR 71A Rotations in Supervised Practice, Level A		
(1-4)	<u>2</u>	
Semester Total:	15	
FALL (FOURTH SEMESTER)		
ANTHR 3 Introduction to Social and Cultural Anthropology		
or		
SOC 1 Introduction to Sociology		
or		
SOC 5 Minority Groups	3	
COMM 20 Interpersonal Communication Skills	3	
NUTR 70B Seminar in Supervised Practice, Level B	3	
NUTR 71B Rotations in Supervised Practice, Level B		
(1-4)	3	
PSYCH 1A Introduction to General Psychology	<u>3</u>	
Semester Total:	15	
SPRING (FIFTH SEMESTER)		
NUTR 70C Seminar in Supervised Practice, Level C	3	
NUTR 71C Rotations in Supervised Practice, Level C		
(1-4)	3	
Plus: Ethnic Studies (Area 5) course	3	
And: Humanities (Area 3) course	<u>3</u>	
Semester Total:	12	

Total Required Degree Major Units: 60-61

¹Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. See a counselor regarding General Education requirements, or contact the Nutrition and Dietetics Department for evaluation of previously-completed coursework in nutrition and dietetics and possible course waiver. A written exam may be required to demonstrate currency. At least 12 units of Associate degree-level coursework must be completed at Merritt College.

²Nutr 32 is offered only in Fall semester; Nutr 31 is offered only in Spring semester.

³Engl 1A is required for transfer and for the Associate degree.

⁴Math 203 or a more advanced Mathematics course is required for the Associate degree; Math 50 or higher is required for transfer.
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(Nutrition, continued)

PATHWAY II CERTIFICATE

The Merritt College Nutrition and Dietetics program is accredited by the American Dietetic Association/ Commission on Accreditation of Dietetics Education (ADA/CADE). Program graduates are qualified to sit for the national ADA exam, and upon successful completion of the exam, they are qualified to use the designation of “**Dietetic Technician Registered (DTR)**.” Those with a degree from another college or university in Nutrition and Dietetics or a related field may qualify for the Certificate of Proficiency and may step directly into the Supervised Practice internship portion of the program. A **Certificate of Proficiency** will be awarded upon satisfactory completion of the courses specified below. **The Certificate of Proficiency is not indicated on the student's transcript.** Students qualifying to apply for the **Pathway II Certificate of Proficiency** fall into one of the following three categories:

1. Graduates of an ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics: Students who have satisfactorily completed all didactic components of their education (as verified by statement from the Nutrition and Dietetics Program Director) need only successfully complete the Seminars and Rotations in Supervised Practice requiring 450 hours of supervised practice to sit for the national ADA exam.
2. Graduates of a non-ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics, or an unrelated field, from an accredited U.S. college or university: These students must provide evidence that they have completed the equivalent courses needed to satisfy the ADA/CADE Foundation Knowledge and Skills requirement. Additional coursework (as determined by the Nutrition and Dietetics Program Director) beyond the seminar lectures and 450 hours of supervised practice may be required.
3. Graduates who have earned degrees outside the United States: These students are required to provide evidence of equivalency through an evaluation service recommended by ADA/CADE. For specific information, see website information at: www.eatright.org/students/getstarted/international/agencies.aspx. The student then proceeds as specified in #2 above.

Certificate of Proficiency Requirements:

Dept/No.	Title	Units
NUTR 70A	Seminar in Supervised Practice, Level A	2
NUTR 70B	Seminar in Supervised Practice, Level B	3
NUTR 70C	Seminar in Supervised Practice, Level C	3
NUTR 71A	Rotations in Supervised Practice, Level A (1-4)	2
NUTR 71B	Rotations in Supervised Practice, Level B (1-4)	2
NUTR 71C	Rotations in Supervised Practice, Level C (1-4)	<u>2</u>
	Total Required Units:	14

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Board Approval:

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EFF.

JUSTIFICATION:

Program Modification (Eff. F11)

(Note: No change in course requirements, just in program narrative.)

RADIOLOGIC SCIENCE

General Information:

The purpose of the Merritt College Radiologic Science program is to prepare qualified practitioners to practice the art and science of medical imaging. Radiologic Technologists manipulate sophisticated technical equipment and computers to obtain detailed images of the human body. These images assist physicians in the diagnosis of injury and disease in the clinical environment. Radiologic Technologists work in hospitals, clinics, imaging centers, and physician's offices. A successful and competent Radiologic Technologist is one who works well as a team member, thinks critically, solves problems creatively, possesses strong technical skills, and cares for patients with sensitivity and compassion. The technologist must be flexible and able to work with patients from diverse cultural backgrounds with various needs, abilities, injuries, and disease processes. The program's student learning outcomes focus on developing these important characteristics in program graduates.

Upon completion of the program, graduates will be able to:

- Produce diagnostic-quality medical images in a competent, safe, and compassionate manner for all basic radiography examinations in a hospital work environment.
- Communicate effectively with patients by taking appropriate histories, giving clear instructions, and providing information as needed.
- Exercise critical thinking and problem solving skills by adapting radiologic procedures to individual patient needs and conditions.
- Establish and maintain satisfactory professional relationships with other members of the healthcare team.
- Function as an effective healthcare team member by providing services in a manner that complements those performed by other team members.

The **AS degree and the Certificate of Achievement in Radiologic Science** will be awarded upon satisfactory completion of the Prerequisite requirements, the General Education requirements, and the Major course requirements. **The certificate-only option is available only to those who have already earned an Associate degree or higher.**

The curriculum includes a clinical practicum at various East Bay hospitals. This is a continuous program of 24 months' duration. Students applying to the program must be prepared to make a full-time commitment (approximately 36 hours per week during daytime hours) for two full years, including summers. Upon successful completion of the required courses in Radiologic Science and the Merritt College Associate degree requirements (or equivalent), the student is eligible to take the American Registry of Radiologic Technologists examination required for licensure and practice in the state of California. Upon successful completion of the program and obtaining the California certificate, graduates will qualify for employment as Radiologic Technologists performing a wide variety of patient radiographic procedures in hospitals, clinics, and medical offices and imaging centers.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182 (www.jrcert.org), and the California Department of Public Health, Radiologic Health Branch, MS 7610, PO Box 997414, Sacramento, CA 95899-7414 (<http://www.cdph.ca.gov/programs/Pages/RadiologicHealthBranch.aspx>).

Enrollment in the Program:

Enrollment in the program is every year in the Fall semester, by special application directly to the Radiologic Science program. The application period is **EVERY OTHER YEAR (even-numbered years)** between January 15 and April 15. All courses used for consideration for enrollment in the program must be **completed before** the application deadline date. **All supporting documents must be received no later than April 15 of the application year. Please be advised that due to the number of applications received by the program, qualified students generally remain on a wait list for 2-3 years before entry into the program.**

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JUSTIFICATION:

(Radiologic Science, continued)

A. Eligibility Requirements:

1. Completion of high school or GED test or equivalent (must provide proof).
2. Completion of all prerequisite courses prior to application with a "C" grade or better for each course and an overall GPA of 2.5 or better (for prerequisite courses only).
3. Prerequisite courses must be current within 7 years.
4. Currency for old Math courses may be established by taking the Math Assessment Test (available through the Merritt College Counseling department). **A copy of the assessment test scores must be submitted with the application packet, if pertinent.**
5. Completion of all General Education requirements for the Associate degree. Students with prior Associate degrees or higher meet this requirement. Due to the high volume of program applicants, students who have not met this requirement will not be enrolled in the program nor placed on the wait list.
6. Students must obtain medical clearance (at their own expense) and show proof of immunity to hepatitis, diphtheria, tetanus, polio, rubeola, rubella, mumps, and chicken pox before enrolling in the program. A negative Tuberculosis screen (PPD skin test or chest X-ray) is also required.
7. Students must obtain a drug screen and background check (at their own expense) prior to enrolling in the program. Students with a history of illegal substance abuse and/or felony convictions, including abuse or fraud, may be excluded from participating in clinical education and from taking the ARRT licensing examination. Other types of offenses may also result in exclusion from clinical education (at the discretion of the clinical affiliate) and/or the licensing examination. Students with such histories are required to complete a pre-application review with the American Registry of Radiologic Technologists (www.arrt.org, 651-687-0048 ext. 580). Students who are unable to obtain a provisional clearance with the ARRT will not be permitted to enter the program.

B. Application Procedures (Between January 15 and April 15 every other year – even-numbered years):

After completion of the Prerequisite courses and General Education courses, applicants shall:

1. Request **three official** sets and **one unofficial** set of transcripts from all colleges attended outside of the Peralta Community College District. **Two** sets of **unofficial** transcripts from colleges within the Peralta Community College District are sufficient. **One official** set should be sent directly to the Peralta Community College District Admissions and Records Office, 333 East 8th St., Oakland, CA 94606. Order two official sets and one unofficial set to be sent directly to you. Two official sets from each college must remain sealed to be submitted to the Radiologic Science Department along with the application packet. The unofficial set is for review by the enrollment evaluator and the Counseling Department at Merritt College and may be opened and reviewed by the student. Transcripts sent directly to the Merritt College Radiologic Science Department without accompanying application materials will not be retained.
2. Request one set of high school transcripts or provide proof of high school completion (a copy of the diploma or GED certificate, or equivalent). **This document must be submitted with the application packet; no exceptions are made.**
3. Schedule an appointment during the application period (between January 15th and April 15th, 2012) with the Radiologic Science enrollment evaluator (see the Allied Health secretary in D102, or call 436-2422) for verification of the prerequisite courses and a record of General Education courses completed. Upon verification, the evaluator will complete a "Permit to Apply" form and give you an application. The completed "Permit to Apply" form and General Education verification will be forwarded directly to the Radiologic Science Department by the evaluator. Applicants are responsible for submitting the application, proof of high-school completion or GED, and transcripts from all colleges attended. **Application materials will not be considered for students who have unfinished prerequisite courses and/or have not completed ALL General Education requirements by the deadline date.**
4. Submit the **complete application packet** directly to the Radiologic Science Department. A complete application packet consists of: The Permit to Apply, a record of General Education coursework completed (verified and delivered by the evaluator), the completed application, assessment test scores to validate Math classes more than seven (7) years old, proof of high-school graduation (or equivalent), and two official (unopened) sets of transcripts from each college attended (including colleges in the Peralta Community College District). The application packet may be hand-delivered to the Allied Health Office in D102 on the Merritt campus, or mailed to the Merritt College Radiologic Science Department, 12500 Campus Drive, Oakland, CA 94619. **Incomplete application packets will be returned to the student.**

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**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

Date Submitted For:
CIPD Approval: 9/12/2011

Date Submitted For:
Board Approval:

Curriculum Item:

EFF.

JUSTIFICATION:

(Radiologic Science, continued)

C. Post-Admission Requirement:

By the end of the first semester of the program, the student shall provide proof of current CPR (Basic Life Support for the Health Care Provider) certification, to be kept current throughout the length of the program. Tuberculosis screening must also be kept current throughout the length of the program.

Prerequisite Requirements:

Students must have completed the four prerequisite courses, with a grade of "C" or better on each course, before applying to the program. Additionally, the average GPA for the four prerequisites courses must be at least 2.5. All prerequisite courses must be current within seven (7) years. Old Math grades may be validated for currency by taking the Math Assessment test available by appointment through the Counseling Department.

The prerequisite courses include:

- A. **Radsc 1A**, Survey of Radiologic Science: This course may **not** be waived for any reason. It must be taken at Merritt College to qualify.
- B. **Math 203**, Intermediate Algebra, or higher (equivalent course may be taken at other colleges): This course is required effective Fall 2009 unless the student has catalog rights to an earlier requirement. See section on "catalog rights" in the college catalog or see a counselor for more information.
- C. **Anatomy and Physiology**: This must be a **two-semester course sequence** with a minimum of 8 units total and include a lab (equivalent courses may be taken at other colleges). At Merritt College there are two options that qualify: Biol 20A **and** Biol 20B (Human Anatomy and Physiology) (5 units each, 10 units total), **OR** Biol 2 (Human Anatomy) **and** Biol 4 (Human Physiology) (5 units each, 10 units total).

Highly Recommended Preparation:

Computer Proficiency Expectations: Students entering the program are expected to demonstrate proficiency using Microsoft Word, e-mail, PowerPoint presentation software, and navigating the Internet. Students who are not proficient should see Item No. 1 below in Additional Recommended Preparation.

Additional Recommended Preparation:

The following specific coursework and experiences are **recommended** as preparation for the program. While not required for enrollment, completing these courses prior to entering may increase the likelihood of successful program completion.

Coursework:

- 1. Introduction to Computer Information Systems (CIS 1 at Merritt College) or an equivalent course(s). The course or a combination of courses should result in proficiency in the use of Microsoft Word, PowerPoint presentation software, navigating the Internet, and e-mail.
- 2. Higher Mathematics (such as College Algebra, Pre-Calculus, or Calculus).
- 3. Physics such as Introduction to Physics, General Physics, or Physics of Radiation and/or Electromagnetism.
- 4. Medical Terminology.
- 5. Professional or Business Communications.

Recommended coursework may satisfy some of the General Education requirements. Students should meet with a Merritt College counselor to plan accordingly.

Experiences:

- 1. Work experience (as an employee or volunteer) in a healthcare environment, preferably involving direct patient care.
- 2. Customer service experience (as an employee or volunteer) involving face-to-face contact and communication with the public.

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**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

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JUSTIFICATION:

(Radiologic Science, continued)

Student Selection Process:

In the likely event that the number of qualified applicants exceeds the available program slots, a lottery will be used as a means of student selection. Qualified applicants on the wait list from the previous year are given priority for the current year's selection process. Detailed information regarding the status of the student selection process for a particular application period may be obtained from the Radiologic Science Department and will be presented in the prerequisite course, **Radsc 1A, Survey of Radiologic Science**. Depending on the number of clinical placements available at affiliate sites, the program accepts approximately 29 students per year. All applicants will be notified of acceptance status.

Degree Major/Certificate of Achievement Requirements

Dept/No.	Title	Units
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FIRST YEAR

FIRST SEMESTER (FALL)

RADSC 1B	Introduction to Radiologic Science (Lecture)	2
RADSC 1C	Introduction to Radiologic Science (Clinical Education)	2.5
RADSC 2A	Radiographic Physics I	2
RADSC 3A	Positioning I	4
RADSC 5A	Patient Care I	<u>3</u>
	Semester Total:	13.5

SECOND SEMESTER (SPRING)

RADSC 2B	Radiographic Physics II	4
RADSC 3B	Positioning II	4
RADSC 9A	Clinical Experience I (16 hours per week)	<u>4</u>
	Semester Total:	12

THIRD SEMESTER (SUMMER)

RADSC 4A	Radiation Protection	2
RADSC 4B	Radiobiology	2
RADSC 10A	Seminars in Radiologic Science I	1.5
RADSC 9B	Clinical Experience II (24 hours per week)	<u>4</u>
	Semester Total:	9.5

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**PERALTA COMMUNITY COLLEGE DISTRICT
CURRICULUM AND INSTRUCTION RECOMMENDATIONS**

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Board Approval:

Curriculum Item:	EFF.	JUSTIFICATION:
<u>SECOND YEAR</u>		
FOURTH SEMESTER (FALL)		
RADSC 2C Computer/Digital Applications for Medical Imaging	4	
RADSC 5B Patient Care II	3	
RADSC 9C Clinical Experience III (24 hours per week)	<u>6</u>	
Semester Total:	13	
FIFTH SEMESTER (SPRING)		
RADSC 6 Quality Management/Fluoroscopy	2.5	
RADSC 7 Advanced Imaging Procedures	3	
RADSC 8 Sectional Anatomy and Radiographic Pathology	4	
RADSC 9D Clinical Experience IV (24 hours per week)	<u>6</u>	
Semester Total:	15.5	
SIXTH SEMESTER (SUMMER)		
RADSC 10B Seminars in Radiologic Science II	1.5	
RADSC 9E Clinical Experience V (36 hours per week)	<u>6</u>	
Semester Total:	7.5	
Total Required Major Units:	71	

For more information, please contact the Radiologic Science Department at (510) 436-2509.

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