

PROGRAM OF STUDY

Biotechnology A.S. Degree

Berkeley City College

TOP Code: 0430.00

Program Control Number: 9056

Current Effective Date: 01/01/2016

Biotechnology draws from many disciplines including genetics, biochemistry, and molecular biology. Recent advances in biotechnology have resulted in the development of products that are having a positive impact on our health, food, and environment. Berkeley City College's program, which integrates academic and occupational instruction, prepares you for entry-level employment as a bioscience technician in this exciting field. When you finish the two-year program in biotechnology, you will earn either an Associate in Science degree or a Certificate of Achievement. The Associate in Science degree requires the completion of 60 units; the Certificate of Achievement, 53.5 units.

Career Opportunities in

State and Federal laboratories, academic research laboratories, public and private laboratories, pharmaceutical and biotechnology industries.

Required Courses:		Units
BIOL 003	Microbiology	5
BIOL 010 **	Introduction to Biology	4
BIOL 032	Scientific Literature	2
BIOL 033	Applied Immunology	6
BIOL 034	Applied Molecular Genetics	6
BIOL 50A	Introduction to Biotechnology:Techniques and Methods	3
BIOL 50B	Protein Chemistry and Fermentation	3
CHEM 030A **	Introductory General Chemistry	4
CHEM 030B **	Introductory Organic and Biochemistry	4
CIS 200 **	Computer Concepts & Applications	1.5
ENGL 001A	Composition and Reading	4
HUMAN 030A	Human Values/Ethics	3
	or	
PHIL 031A	Human Values/Ethics	3
MATH 001 **	Pre-Calculus	4
PHYS 010 **	Introduction to Physics	4

***You may substitute higher level courses in biology, chemistry, mathematics, and physics.*

Unit Calculation

Major Requirements	53.5
General Education and Elective	6.5

Total Units

60

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PROGRAM OF STUDY

Biotechnology Certificate of Achievement

Berkeley City College

TOP Code: 0430.00

Program Control Number: 19969

Current Effective Date: 01/01/2016

Biotechnology draws from many disciplines including genetics, biochemistry, and molecular biology. Recent advances in biotechnology have resulted in the development of products that are having a positive impact on our health, food, and environment. Berkeley City College's program, which integrates academic and occupational instruction, prepares you for entry-level employment as a bioscience technician in this exciting field. When you finish the two-year program in biotechnology, you will earn either an Associate in Science degree or a Certificate of Achievement. The Associate in Science degree requires the completion of 60 units; the Certificate of Achievement, 53.5 units.

Career Opportunities in

State and Federal laboratories, academic research laboratories, public and private laboratories, pharmaceutical and biotechnology industries

Certificate of Achievement Requirements

Required Courses

BIOL 003	Microbiology	5
BIOL 010 **	Introduction to Biology	4
BIOL 032	Scientific Literature	2
BIOL 033	Applied Immunology	6
BIOL 034	Applied Molecular Genetics	6
BIOL 50A	Introduction to Biotechnology:Techniques and Methods	3
BIOL 50B	Protein Chemistry and Fermentation	3
CHEM 030A **	Introductory General Chemistry	4
CHEM 030B **	Introductory Organic and Biochemistry	4
CIS 200 **	Computer Concepts & Applications	1.5
ENGL 001A	Composition and Reading	4
HUMAN 030A	Human Values/Ethics	3
	or	
PHIL 031A	Human Values/Ethics	3
MATH 001 **	Pre-Calculus	4
PHYS 010 **	Introduction to Physics	4

Total Units

53.5

**You may substitute higher-level courses for BIOL, CHEM, CIS, MATH, and PHYS.

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PROGRAM OF STUDY

Biotechnology Certificate of Proficiency

Berkeley City College

TOP Code: 0430.00

Program Control Number:

Current Effective Date: 01/01/2016

Biotechnology draws from many disciplines including genetics, immunology, chemistry, physics, and mathematics and computer science. Recent advances in biotechnology have resulted in major contributions to the fields of medicine, public health and agriculture. Berkeley City College's program, which integrates academic and occupational instruction, prepares you for employment in a broad range of laboratories, including those found in industry, research institutions, public health departments, hospitals and clinics. The Certificate of Proficiency is a first step into this exciting field and prepares the student for entry level laboratory assistant positions. The Certificate of Achievement and the Associate in Science degree in Biotechnology allow you to pursue a variety of positions as a bioscience technician.

Career Opportunities in

Job opportunities include entry level positions as a laboratory assistant in industry, research, public health, hospital and clinical laboratories.

Required Courses

		Units
BIOL 010	Introduction to Biology	4
BIOL 50A	Introduction to Biotechnology: Techniques and Methods	3
CHEM 030A	Introductory General Chemistry	4
CIS 200	Computer Concepts & Applications	1.5
MATH 201	Elementary Algebra	4

Recommended Preparation for this certificate may include:

		Units
ENGL 264A	Preparation for Composition, Reading, and Research	5

Total Units

16.5

PID 478

PROGRAM OF STUDY

Associate in Arts Degree in Economics for Transfer AA-T Degree

Berkeley City College

TOP Code: 2204.00

Program Control Number:

Curriculum Committee Approval Date: 02/05/2015

Current Effective Date: 01/01/2016

Economics provides a sequential course of study that prepares you for transfer to four-year institutions with an economics major or acquisition of economics proficiency necessary for career fields that emphasize the value of familiarity with economics or accounting. Students are required to complete 60 semester units that are eligible for transfer to the California State University, including both of the following (1) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements and (2) 23 semester units with a grade of C or better in the major and maintaining an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. A “P” (Pass) grade is not an acceptable grade for courses in the major. Students are advised to consult with a counselor and/or the department chair for additional information and to verify transfer requirements

Career Opportunities in

Economics. This program provides a sequential course of study that prepares students for transfer to four-year institutions with an Economics major or acquisition of Economics proficiency necessary for career fields that emphasize the value of familiarity with economics or accounting.

Required Courses

ECON 001	Principles of Economics (Macro-Economics)	3
ECON 002	Principles of Economics (Micro-Economics)	3
MATH 013	Introduction to Statistics	4
MATH 003A	Calculus I	5
BUS 001A	Financial Accounting	4
BUS 001B	Managerial Accounting	4
General Education (CSU GE or IGETC) and Electives		37

Total Units

60

PID 683

PROGRAM OF STUDY

Global Studies A.A. Degree

Berkeley City College

TOP Code: 2210.00

Program Control Number: 16659

Current Effective Date: 01/01/2016

The Global Studies Program challenges you to examine history as well as the current process of globalization and socioeconomic stratification. The program offers an interdisciplinary, limited cohort model, with Global Studies core courses linked to major requirements from other disciplines. A range of electives will give you a deeper understanding of how one key area of the globe impacts the rest of the world. The program also offers hands-on experience through service learning modules.

The program helps to prepare you for transfer to UC, CSU, and other four-year institutions in Global or International Studies, Peace and Conflict Studies. You are encouraged to meet with a counselor to develop a student educational plan to ensure that all transfer requirements are completed.

Career Opportunities in

variety of career options in the international arena.

Required Courses		Units
ART 182	Introduction to Visual Culture	3
ENGL 001A	Composition and Reading	4
ENGL 005	Critical Thinking in Reading and Writing	3
ENGL 001B	Composition & Reading	4
HIST 023	Global Perspectives	3
HIST 007B	History of the United States	3
PHIL 001	Introduction to Philosophy	3
POSCI 020	Current World Problems	3

Foreign Language Requirement: Choose two courses for 10 units from the following (ARAB 1A&1B), (FRENCH 1A&1B), (PORT 1A&1B), (SPAN 1A&1B), or (SPAN 22A&22B).		Units
ARAB 001A	Elementary Modern Standard Arabic	5
ARAB 001B	Elementary Modern Standard Arabic	5
FREN 001A	Elementary French	5
FREN 001B	Elementary French	5
PORT 001A	Elementary Portuguese	5
PORT 001B	Elementary Portuguese	5
SPAN 001A	Elementary Spanish I	5
SPAN 001B	Elementary Spanish II	5
SPAN 022A	Spanish for Bilingual Speakers I	5
SPAN 022B	Spanish for Bilingual Speakers II	5

Choose 3 units from the following electives:		Units
ANTHR 003	Introduction to Social and Cultural Anthropology	3
GEOG 001	Physical Geography	3
HIST 003A	World History to 1500	3
POSCI 003	International Relations	3

Unit Calculation	Units
Major Requirements	37 - 39
General Education and Electives	21 - 23

For the Associate in Arts degree in Global Studies, students must complete the General Education pattern and elective courses for an additional units. Students wishing to transfer to the UC or CSU system need to meet with a counselor to develop a transfer plan which addresses all general education and lower-division transfer requirements.

Two-Year Course Sequence Beginning in the Fall Semester

1st semester/Fall		Units
ART 182	Introduction to Visual Culture	3
ENGL 001A	Composition and Reading	4
One semester of foreign language		5
2nd Semester/Spring		Units
ENGL 005	Critical Thinking in Reading and Writing	3
HIST 007B	History of the United States	3
One semester of foreign language		5
3rd Semester/Fall		Units
HIST 023	Global Perspectives	3
PHIL 001	Introduction to Philosophy	3
Elective		3
4th Semester/Spring		Units
ENGL 001B	Composition & Reading	4
POSCI 020	Current World Problems	3
Total Units		60

PROGRAM OF STUDY

Public and Human Services Overview Certificate of Proficiency

Berkeley City College

TOP Code: 2104.00

Program Control Number:

Curriculum Committee Approval Date: 02/19/2015

Current Effective Date: 01/01/2016

The Public and Human Services Overview Certificate of Proficiency is designed as a pathway to employment for students with little or no previous college experience. This certificate is a starting point and can also provide the foundation for an A.A. Degree upon completion of the required general education coursework. Students should see a counselor for more information and to develop a Student Education Plan.

Career Opportunities in

Berkeley City College's Public and Human Services Program provides you with a foundation in critical case management skills which lead to entry level positions. Professional growth opportunities are available for employees who wish to advance in their careers. As a social service paraprofessional, you also have many areas of human services open to you as an Adult and Aging Caseworker, Adult Protective Services Worker, Benefits Worker, Child Protective Services Worker, Child Support Caseworker, Child Welfare Worker, Eligibility Technician, Employment Counselor, Family Services Support Worker, Human Services Worker, Medical Benefits Worker, Welfare Eligibility Worker, or Welfare Services Aide.

Required Courses		Units
COUN 207A	Career Exploration	1
ENGL 264A	Preparation for Composition, Reading, and Research	5
HUSV 110	Social Services Specialization I	3
HUSV 118	Introduction to Social Services	3
LRNRE 225	Success Skills in Public and Human Services	1.5
Total Units		13.5

PID 732

PROGRAM OF STUDY

Public and Human Services Systems Certificate of Proficiency

Berkeley City College

TOP Code: 2104.00

Program Control Number:

Curriculum Committee Approval Date: 02/19/2015

Current Effective Date: 01/01/2016

The Public and Human Services Systems Certificate of Proficiency is designed as a pathway to employment for students with little or no previous college experience. This certificate is a starting point and can also provide the foundation for an A.A. Degree upon completion of the required general education coursework. Students should see a counselor for more information and to develop a Student Education Plan.

Career Opportunities in

Berkeley City College's Public and Human Services Program provides you with a foundation in critical case management skills which lead to entry level positions. Professional growth opportunities are available for employees who wish to advance in their careers. As a social service paraprofessional, you also have many areas of human services open to you as an Adult and Aging Caseworker, Adult Protective Services Worker, Benefits Worker, Child Protective Services Worker, Child Support Caseworker, Child Welfare Worker, Eligibility Technician, Employment Counselor, Family Services Support Worker, Human Services Worker, Medical Benefits Worker, Welfare Eligibility Worker, or Welfare Services Aide.

Required Courses

COUN 207B	Career Exploration	1
HUSV 111	Social Services Specialization II	3
HLTED 001	Exploring Health Issues	3
ENGL 001A	Composition and Reading	4
HUSV 101	Case Management in Human Services	2
HUSV 109	Diverse Populations in Human Services	2

Total Units

15

PID 812

PROGRAM OF STUDY

Public and Human Services: Community and Public Services A.A. Degree

Berkeley City College

TOP Code: 2104.00

Program Control Number: 31049

Current Effective Date: 08/01/2015

The Community and Public Services program enables students to participate as full team members, maintain currency in the rapidly changing field of health and human services, and advance in this field over time. Health and human services theory, policy, and practice are embedded in the Community and Public Services program. Students gain valuable up-to-date knowledge while obtaining critical on-the-job experience. They have the option of completing the minimum requirements to receive a Certificate of Achievement or completing both the minimum requirements and general education requirements to obtain an Associate in Arts Degree.

Career Opportunities in

a variety of public service fields, including community relations, fund-raising and event planning, public safety, adult/child day care, and protective services

Required Courses

		Units
COMM 006	Intercultural Communication	3
COMM 045	Public Speaking	3
COPEd 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 117	Introduction to Behavioral Health Services	3
HUSV 118	Introduction to Social Services	3

Chose three (3) units from the following electives.

		Units
ANTHR 003	Introduction to Social and Cultural Anthropology	3
SOC 001	Introduction to Sociology	3
SOC 002	Social Problems	3
SOC 005	Minority Groups	3
SOC 007	Sociology of Gender	3
SOC 008	Crime and Deviance	3
SOC 013	Sociology of the Family	3

Unit Calculation

	Units
Major Requirements	31
General Education and Electives	29
Total units	60

TWO-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Associates in Arts Degree for Community and Public Services. This is only one possible pattern. If you wish to earn a 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 program regardless of the semester you begin classes.

1st Semester/Fall		Units
COMM 006	Intercultural Communication	3
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 110	Social Services Specialization I	3
HUSV 118	Introduction to Social Services	3
Total Units 1st Semester/Fall		16
2nd Semester/Spring		Units
COMM 045	Public Speaking	3
COPEd 451	Occupational Work Experience	1
HUSV 109	Diverse Populations in Human Services	2
HUSV 111	Social Services Specialization II	3
HUSV 117	Introduction to Behavioral Health Services	3
Electives		3
Total Units 2nd Semester/Spring		15
3rd Semester/Fall		Units
General Education Pattern and Elective Courses		15
4th Semester/Spring		Units
General Education Pattern and Elective Courses		14
Total Units		60

PROGRAM OF STUDY

Public and Human Services: Community and Public Services Certificate of Achievement

Berkeley City College

TOP Code: 2104.00

Program Control Number: 30949

Current Effective Date: 08/01/2015

The Community and Public Services program enables students to participate as full team members, maintain currency in the rapidly changing field of health and human services, and advance in this field over time. Health and human services theory, policy, and practice are embedded in the Community and Public Services program. Students gain valuable up-to-date knowledge while obtaining critical on-the-job experience. They have the option of completing the minimum requirements to receive a Certificate of Achievement or completing both the minimum requirements and general education requirements to obtain an Associate in Arts Degree.

Career Opportunities in

a variety of public service fields, including community relations, fund-raising and event planning, public safety, adult/child day care, and protective services

Required Courses

		Units
COMM 006	Intercultural Communication	3
COMM 045	Public Speaking	3
COPED 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 117	Introduction to Behavioral Health Services	3
HUSV 118	Introduction to Social Services	3
Electives		3
Total units required for the major		31

Chose three (3) units from the following electives.

		Units
ANTHR 003	Introduction to Social and Cultural Anthropology	3
SOC 001	Introduction to Sociology	3
SOC 002	Social Problems	3
SOC 005	Minority Groups	3
SOC 007	Sociology of Gender	3
SOC 008	Crime and Deviance	3
SOC 013	Sociology of the Family	3

ONE-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Certificate of Achievement for Community and Public Services. This is only one possible pattern. If you wish to earn a certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your program regardless of the semester you begin classes.

1st Semester/Fall

		Units
COMM 006	Intercultural Communication	3

ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 110	Social Services Specialization I	3
HUSV 118	Introduction to Social Services	3
Total Units 1st Semester/Fall		16

2nd Semester/Spring		Units
COMM 045	Public Speaking	3
COPED 451	Occupational Work Experience	1
HUSV 109	Diverse Populations in Human Services	2
HUSV 111	Social Services Specialization II	3
HUSV 117	Introduction to Behavioral Health Services	3
Electives		3
Total Units 2nd Semester/Spring		15

Total Units	31
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PROGRAM OF STUDY

Public and Human Services: Community Health Worker A.A. Degree

Berkeley City College

TOP Code: 2104.00

Program Control Number: 31049

Current Effective Date: 08/01/2015

Community Health Workers bridge the gaps between individuals and communities and the healthcare system, serving as mediators, educators, advocates, and links between communities of which they are members, and the health and social service systems.

Career Opportunities in

Community health work, including assistance with peer education, parent-child advocacy, advising for families with application processes for government financial assistance, child care education, etc.

Required courses

		Units
BIOL 025	Human Biology	3
COPED 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HLTOC 201	Medical Terminology I	2
HLTOC 202	Medical Terminology II	2
HUSV 101	Case Management in Human Services	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 117	Introduction to Behavioral Health Services	3
Major Requirements		30
General Education and Electives		30
Total Units		60

**For the Certificate of Achievement, students must complete the 30 units of Core courses. For the Associate Degree, students must complete the 30 units of Core courses plus 30 units of General Education requirements and elective courses.*

TWO-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Associates in Arts Degree for Community Health Worker. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

1st Semester/Fall

		Units
BIOL 025	Human Biology	3
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
General Education/Electives		5
Total Units 1st Semester/Fall		15

2nd Semester/Spring		Units
HUSV 101	Case Management in Human Services	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 117	Introduction to Behavioral Health Services	3
General Education/Electives		8
Total Units 2nd Semester/Spring		15
3rd Semester/Fall		Units
HLTOC 201	Medical Terminology I	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 110	Social Services Specialization I	3
General Education/Electives		8
Total Units 3rd Semester/Fall		15
4th Semester/Spring		Units
HLTOC 202	Medical Terminology II	2
HUSV 111	Social Services Specialization II	3
COPEd 451	Occupational Work Experience	1
General Education/Electives		9
Total Units 4th Semester/Spring		15
Total Units		0

PROGRAM OF STUDY

Public and Human Services: Community Health Worker Certificate of Achievement

Berkeley City College

TOP Code: 2104.00

Program Control Number: 30950

Board of Trustees Date: 10/12/2010

Curriculum Committee Approval Date: 09/23/2010

Community Health Workers bridge the gaps between individuals and communities and the healthcare system, serving as mediators, educators, advocates, and links between communities of which they are members, and the health and social service systems.

Career Opportunities in

Community health work, including assistance with peer education, parent-child advocacy, advising for families with application processes for government financial assistance, child care education, etc.

Required Courses		Units
BIOL 025	Human Biology	3
COPED 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HLTOC 201	Medical Terminology I	2
HLTOC 202	Medical Terminology II	2
HUSV 101	Case Management in Human Services	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 117	Introduction to Behavioral Health Services	3
Total Units		30

***For the Certificate of Achievement, students must complete the 30 units of Core courses. For the Associate Degree, students must complete the 30 units of Core courses plus 30 units of General Education requirements and elective courses.*

ONE-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Certificate of Achievement Community Health Worker. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

1st Semester/Fall		Units
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HLTOC 201	Medical Terminology I	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 110	Social Services Specialization I	3
Total Units 1st Semester/Fall		14

2nd Semester/Spring		Units
BIOL 025	Human Biology	3
COPEd 451	Occupational Work Experience	1
HLTOC 202	Medical Terminology II	2
HUSV 101	Case Management in Human Services	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 111	Social Services Specialization II	3
HUSV 117	Introduction to Behavioral Health Services	3
Total Units 2nd Semester/Spring		16

Total Units **30**

PROGRAM OF STUDY

Public and Human Services: Social Services Paraprofessional A.A. Degree

Berkeley City College

TOP Code: 2104.00

Program Control Number: 31050

Current Effective Date: 08/01/2015

The Public and Human Services Program (PHSP) is an over-arching program comprised of three distinct Associate in Arts Degrees and Certificates of Achievement strands: Social Services Paraprofessional (SSP), Community Health Worker (CHW), and Public and Community Services (PCS). The program provides individuals with the skills necessary for entry-level responsibilities and career advancement in the health and human services field. Current labor market data for California reflect a high demand for employees, particularly in entry-level positions, in health and human services. The Public and Human Services Program provides an in-depth exploration of specific areas that are in high demand including child and family services, gerontology, California welfare programs, Community Health Work, community relations, and customer service in a variety of fields, such as substance abuse, public administration and public policy, law enforcement, and careers in public safety. Students receive on-the-job training through field experiences that provide them with opportunities to practice the theory and principles of the program.

Career Opportunities in

paraprofessional capacities in public and human services settings such as adult day health/wellness activity programs; assisted living communities; congregate settings; child care agencies.

Required courses

		Units
COMM 006	Intercultural Communication	3
COPED 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 101	Case Management in Human Services	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 112	Seminar for Field Experience in Social Services I	2
HUSV 113	Seminar for Field Experience in Social Services II	2
HUSV 117	Introduction to Behavioral Health Services	3
HUSV 118	Introduction to Social Services	3
Major Requirements		33
General Education and Electives		27
Total units		60

**For the Certificate of Achievement, students must complete the 33 units of Core courses. For the Associate Degree, students must complete the 33 units of Core courses plus 28 units of General Education requirements and elective courses.*

TWO-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Associate in Arts Degree for Social Services Professional. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

1st Semester/Fall

		Units
ENGL 001A	Composition and Reading	4

COMM 006	Intercultural Communication	3
HLTED 001	Exploring Health Issues	3
HUSV 118	Introduction to Social Services	3
Total Units 1st Semester/Fall		13
2nd Semester/Spring		Units
HUSV 109	Diverse Populations in Human Services	2
HUSV 112	Seminar for Field Experience in Social Services I	2
HUSV 117	Introduction to Behavioral Health Services	3
General Education/Electives		9
Total Units 2nd Semester/Spring		16
3rd Semester/Fall		Units
HUSV 110	Social Services Specialization I	3
COPED 451	Occupational Work Experience	1
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
General Education/Electives		9
Total Units 3rd Semester/Fall		15
4th Semester/Spring		Units
HUSV 111	Social Services Specialization II	3
HUSV 113	Seminar for Field Experience in Social Services II	2
HUSV 101	Case Management in Human Services	2
General Education/Electives		9
Total Units 4th Semester/Spring		16
Total Units		60

PROGRAM OF STUDY

Public and Human Services: Social Services Paraprofessional Certificate of Achievement

Berkeley City College

TOP Code: 2104.00

Program Control Number: 30951

Curriculum Committee Approval Date: 02/19/2015

Current Effective Date: 08/01/2015

The Public and Human Services Program (PHSP) is an over-arching program comprised of three distinct Associate in Arts Degrees and Certificates of Achievement strands: Social Services Paraprofessional (SSP), Community Health Worker (CHW), and Public and Community Services (PCS). The program provides individuals with the skills necessary for entry-level responsibilities and career advancement in the health and human services field. Current labor market data for California reflect a high demand for employees, particularly in entry-level positions, in health and human services. The Public and Human Services Program provides an in-depth exploration of specific areas that are in high demand including child and family services, gerontology, California welfare programs, Community Health Work, community relations, and customer service in a variety of fields, such as substance abuse, public administration and public policy, law enforcement, and careers in public safety. Students receive on-the-job training through field experiences that provide them with opportunities to practice the theory and principles of the program.

Career Opportunities in

paraprofessional capacities in public and human services settings such as adult day health/wellness activity programs; assisted living communities; congregate settings; child care agencies.

Social Services Paraprofessional Certificate of Achievement

		Units
COMM 006	Intercultural Communication	3
COPED 451	Occupational Work Experience	1
ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 101	Case Management in Human Services	2
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 110	Social Services Specializations I	3
HUSV 111	Social Services Specializations II	3
HUSV 112	Seminar for Field Experience in Social Services I	2
HUSV 113	Seminar for Field Experience in Social Services II	2
HUSV 117	Introduction to Behavioral Health Services	3
HUSV 118	Introduction to Social Services	3
Total Units		33

***For the Certificate of Achievement, students must complete the 33 units of Core courses. For the Associate Degree, students must complete the 33 units of Core courses plus 27 units of General Education requirements and elective courses.*

ONE-YEAR COURSE SEQUENCE BEGINNING IN THE FALL SEMESTER

You can use the following pattern to complete the Certificate of Achievement for Social Services Paraprofessional. This is only one possible pattern. If you wish to earn an associate degree or certificate, you must participate in the Student Success Program (Matriculation), which includes assessing academic skills and developing a Student Education Plan (SEP) with a counselor. This plan will map your sequence of courses to help you complete your degree regardless of the semester you begin classes.

1st Semester/Fall

Units

ENGL 001A	Composition and Reading	4
HLTED 001	Exploring Health Issues	3
HUSV 110	Social Services Specialization I	3
HUSV 112	Seminar for Field Experience in Social Services I	2
HUSV 118	Introduction to Social Services	3
HUSV 108	Helping Skills for Human Services Paraprofessionals	2
Total Units 1st Semester/Fall		17

2nd Semester/Spring		Units
COMM 006	Intercultural Communication	3
COPEd 451	Occupational Work Experience	1
HUSV 101	Case Management in Human Services	2
HUSV 109	Diverse Populations in Human Services	2
HUSV 111	Social Services Specialization II	3
HUSV 113	Seminar for Field Experience in Social Services II	2
HUSV 117	Introduction to Behavioral Health Services	3
Total Units 2nd Semester/Spring		16

Total Units	33
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PROGRAM OF STUDY

APPAREL DESIGN AND MERCHANDISING A.A. Degree

College of Alameda

TOP Code: 1303.10

Program Control Number:

Curriculum Committee Approval Date: 02/17/2015

The ADAM program is designed to prepare students for entry-level employment in the apparel industry. A student who successfully completes the requirements listed below will be eligible for a Certificate of Achievement in Apparel Design and Merchandising. The AA degree in Apparel Design and Merchandising will be awarded upon satisfactory completion of the major course requirements listed below and the General Education requirements for the Associate in Arts Degree listed in the Degree, Programs & Transfer Requirements section of this Catalog

Career Opportunities in

Students in Apparel Design and Manufacturing typically work in a variety of fields including employment as designers, cutters, size graders, production managers, and specification in the fields of the fashion industry.

During the first week of instruction, students will receive a list of tools and materials which they are expected to obtain.

Degree Major/Certificate Requirements

ADAM 101	APPAREL TEXTILES	2
ADAM 103	APPAREL HISTORY	2
ADAM 111	DESIGN AND SKETCHING I	2
ADAM 113	Apparel Design and Sketching II	2
ADAM 131	Apparel Construction I	4
ADAM 132	Apparel Construction II	4
ADAM 214	Advance Design and Line Development I	4
ADAM 215	Advance Design and Line Development II	4
ADAM 216	PRODUCTION PATTERN AND SIZE GRADING I	2
ADAM 217	PRODUCTION PATTERN AND SIZE GRADING II	2
ADAM 221	Pattern Drafting I	4
ADAM 222	Pattern Drafting II	4
ADAM 224	Apparel Draping I	4
ADAM 225	Apparel Draping II	4
ADAM 229	Portfolio Development I	2
ADAM 230	Portfolio Development II	2

Total Units

46 - 48

PID 6

PROGRAM OF STUDY

APPAREL DESIGN AND MERCHANDISING Certificate of Achievement

College of Alameda

TOP Code: 1303.10

Program Control Number:

Curriculum Committee Approval Date: 02/17/2015

The ADAM program is designed to prepare students for entry-level employment in the apparel industry. A student who successfully completes the requirements listed below will be eligible for a Certificate of Achievement in Apparel Design and Merchandising. The AA degree in Apparel Design and Merchandising will be awarded upon satisfactory completion of the major course requirements listed below and the General Education requirements for the Associate in Arts Degree listed in the Degree, Programs & Transfer Requirements section of this Catalog

Career Opportunities in

Students in Apparel Design and manufacturing typically work in a variety of fields including employment as designers, cutters, size graders, production managers, and specification in the fields of the fashion industry.

During the first week of instruction, students will receive a list of tools and materials which they are expected to obtain.

Degree Major/Certificate Requirements

ADAM 101	APPAREL TEXTILES	2
ADAM 103	APPAREL HISTORY	2
ADAM 111	DESIGN AND SKETCHING I	2
ADAM 113	Apparel Design and Sketching II	2
ADAM 131	Apparel Construction I	4
ADAM 132	Apparel Construction II	4
ADAM 214	Advance Design and Line Development I	4
ADAM 215	Advance Design and Line Development II	4
ADAM 216	PRODUCTION PATTERN AND SIZE GRADING I	2
ADAM 217	PRODUCTION PATTERN AND SIZE GRADING II	2
ADAM 221	Pattern Drafting I	4
ADAM 222	Pattern Drafting II	4
ADAM 224	Apparel Draping I	4
ADAM 225	Apparel Draping II	4
ADAM 229	Portfolio Development I	2
ADAM 230	Portfolio Development II	2

Total Units

46 - 48

PID 7

PROGRAM OF STUDY

AUTO BODY Certificate of Achievement

College of Alameda

TOP Code: 0949.00

Program Control Number:

Curriculum Committee Approval Date: 02/13/2015

The Auto Body and Paint Program prepares students to enter the job market as trained and qualified technicians, and allows students to continue toward a Baccalaureate degree in advanced schools of technology as teachers, or to broaden their skills in management, design or business. Lecture and laboratory instruction covers safety, trade ethics, and use of hand and power tools, as well as theory, repair and painting of automobiles. Upon registering for a class in the Auto Body and Paint Program, the student will receive a list of required basic tools. The student will be expected to provide tools that relate to the particular course in which he/she has enrolled. The purpose of this requirement is to assure that students graduating from the program who wish to enter the trade possess the necessary tools. A Certificate of Achievement in Auto Body will be awarded to those students completing a minimum of 25 units as outlined below with a 2.0 GPA.

Career Opportunities in

Students in this field typically work in automotive collision and repair environments.

AUTO BODY

Certificate of Achievement Requirements

AUTOB 010	Basic Auto Body Repair Concepts	10
AUTOB 020	Advanced Auto Body Repair Concepts	10
MATH 225	Mathematics for Technicians	3
AUTOB 012	Service Welding for Transportation Technology	2

Total Units

25

PID 751

PROGRAM OF STUDY

DENTAL ASSISTING A.S. Degree

College of Alameda

TOP Code: 1240.10

Program Control Number:

Curriculum Committee Approval Date: 02/02/2015

The Dental Assisting Program is designed to meet the requirements of the American Dental Association Council on Dental Education for Dental Assistants. The program includes lecture and laboratory practice in the classroom. As part of their field experience, students are required to participate in internships in private offices and at the UCSF Dental School. The program requires 32 semester units in Dental Assisting, plus 9 semester units in other general education required courses; for a total of 41 units. Students completing all required courses with a minimum grade point average of 2.0 ("C") will earn a Certificate of Achievement and be qualified to take the Certification Examination of the Dental Assisting National Board (DANB) and the State of California RDA examinations; and will be prepared to assume the responsibilities of assisting the dentist in all phases of general and specialty practice. Admission is by special application directly to the Dental Assisting Department. Candidates must possess a high school diploma or the equivalent. All eligibility requirements, including having official transcripts on file, must be completed prior to applying to the program. The application deadline is April 15 of each year for admission into the program starting the following fall semester. Applicants will be notified by mail of acceptance into the Dental Assisting program. Applications received after April 15 will be accepted only on a space-available basis. The AS degree in Dental Assisting will be awarded upon satisfactory completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog. Completion of all Dental Assisting courses with a grade of 2.0 ("C") or better is required to be eligible for both the AS degree and the Certificate of Achievement in Dental Assisting. Eligibility / Admission / Prerequisite and Degree / Certificate Requirements are as follows: 1. Possession of a high school diploma or the equivalent is required prior to application to and admission into the program. 2. Official transcripts must be on file in the Admissions and Records Office prior to program application. 3. Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider are required prior to enrollment in the program. 4. Physical and dental examinations, and negative TB and hepatitis test results are required to be submitted to the Dental Assisting Department prior to enrollment in the program. 5. It is highly recommended (but not required) that the following be completed prior to admission into the program and enrollment in Fall term courses: • DENTL 251, Dental Terminology • CIS 205, Computer Literacy

Career Opportunities in

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

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

Degree Major/Certificate Requirements

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

Other courses Required for Certificate of Achievement:

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

Total Units

41

PID 749

PROGRAM OF STUDY

DENTAL ASSISTING Certificate of Achievement

College of Alameda

TOP Code: 1240.10

Program Control Number:

Curriculum Committee Approval Date: 02/02/2015

The Dental Assisting Program is designed to meet the requirements of the American Dental Association Council on Dental Education for Dental Assistants. The program includes lecture and laboratory practice in the classroom. As part of their field experience, students are required to participate in internships in private offices and at the UCSF Dental School. The program requires 32 semester units in Dental Assisting, plus 9 semester units in other general education required courses; for a total of 41 units. Students completing all required courses with a minimum grade point average of 2.0 ("C") will earn a Certificate of Achievement and be qualified to take the Certification Examination of the Dental Assisting National Board (DANB) and the State of California RDA examinations; and will be prepared to assume the responsibilities of assisting the dentist in all phases of general and specialty practice. Admission is by special application directly to the Dental Assisting Department. Candidates must possess a high school diploma or the equivalent. All eligibility requirements, including having official transcripts on file, must be completed prior to applying to the program. The application deadline is April 15 of each year for admission into the program starting the following fall semester. Applicants will be notified by mail of acceptance into the Dental Assisting program. Applications received after April 15 will be accepted only on a space-available basis. The AS degree in Dental Assisting will be awarded upon satisfactory completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog. Completion of all Dental Assisting courses with a grade of 2.0 ("C") or better is required to be eligible for both the AS degree and the Certificate of Achievement in Dental Assisting. Eligibility / Admission / Prerequisite and Degree / Certificate Requirements are as follows: 1. Possession of a high school diploma or the equivalent is required prior to application to and admission into the program. 2. Official transcripts must be on file in the Admissions and Records Office prior to program application. 3. Completion of HLTED 9 (2 units), First Aid and Safety; and HLTED 11, CPR (.5 units); OR possession of current cards from an approved provider are required prior to enrollment in the program. 4. Physical and dental examinations, and negative TB and hepatitis test results are required to be submitted to the Dental Assisting Department prior to enrollment in the program. 5. It is highly recommended (but not required) that the following be completed prior to admission into the program and enrollment in Fall term courses: • DENTL 251, Dental Terminology • CIS 205, Computer Literacy

Career Opportunities in

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

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

Degree Major/Certificate Requirements

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

Other courses Required for Certificate of Achievement:

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

Total Units **41**

PID 750

PROGRAM OF STUDY

Associate of Science in Mathematics for Transfer Degree AS-T Degree

College of Alameda

TOP Code: 1701.00

Program Control Number: 31145

State Approval Date: 03/18/2012

Board of Trustees Date: 05/24/2011

Curriculum Committee Approval Date: 02/17/2015

Current Effective Date: 08/01/2012

The Associate in Science in Mathematics for Transfer Degree (AS-T) is designed for students planning to transfer into the mathematics major. 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 mathematics or similar major. Students interested in the AS-T for transfer degree in mathematics should consult with the departmental faculty chair. The AS-T degree will be awarded upon completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog.

Career Opportunities in

In the modern world, there are many fields that need specialists in mathematics. Careers in mathematics include scientists, researchers, space technicians, mathematics teachers, actuaries and insurance specialists, and people who can combine mathematical knowledge with a scientific, computer, or business background.

Degree Major Requirements

		Units
MATH 003A	Calculus I	5
MATH 003B	Calculus II	5
MATH 003C	Calculus III	5
MATH 003E	Linear Algebra	3

Choose one class from this list to complete at least 21 units for the major:

		Units
MATH 003F	Differential Equations	3
	or	
MATH 011	Discrete Mathematics	4
	or	
MATH 012	Symbolic Logic	4
	or	
MATH 013	Introduction to Statistics	4
	or	
PHYS 004A	General Physics with Calculus	5

Total Units

21 - 23

PID 737

PROGRAM OF STUDY

Transportation - Logistics Operations (TLO) Certificate of Proficiency

College of Alameda

TOP Code: 0510.00

Program Control Number:

Curriculum Committee Approval Date: 11/04/2014

This is a career pathways training program with curriculum aligned with industry core competencies. Program serves as an adult education comprehensive education, training, and job placement program. This program is designed to prepare new or continuing students with varying degrees of experience, to be proficient at applied skills, for entry-level jobs, in transportation, distribution, and logistics industry. This program is affiliated with the California Transportation and Logistics Initiative (CATLI), a statewide collaborative of post-secondary education institutions, workforce investment boards, economic development agencies and community-based organizations working to advance the logistics industry and train its workforce for the 21st century.

Career Opportunities in

Program prepares students for career tracks in office administration in the Logistics Industry including claims representative, customer service representative, pricing specialist, appointment clerks, various other front office jobs - all contextualized to the logistics industry (movement of products through industry supply chains).

Certificate of Proficiency Requirements

BUS 220 Business Terminology in Logistics		2
BUS 236 Business Management in Logistics		2
CIS 001	Introduction to Computer Information Systems	4
MATH 250	Arithmetic	3
BUS 247	Logistics Operations for Transportation	1
COUN 201	Orientation to College: Student Success and Support Program	1
LRNRE 280	Study Skills	3

Total Units

16

PID 507

PROGRAM OF STUDY

Electronics & Communications Technology Certificate of Proficiency

Laney College

TOP Code: 0943.30

Program Control Number:

Curriculum Committee Approval Date: 02/15/2015

Home and building automation is one of the fastest growing industries, and this program will cover the new technologies and how to connect smart devices to communicate efficiently. The program addresses specific areas of interest in the field, for a significant number of students and provides an opportunity for students to upgrade their skills in digital communications in conjunction with industry requirements. Communications technologies taught in this program will enable students to run cables and manage music throughout the house, home theaters, and much more. The majority of courses are project-based, and students will use the latest technology and devices in communications technology.

Career Opportunities in

Provides an opportunity for students to upgrade their skills in Digital Communication in conjunction with the industry requirements, in roles such as System Technician, Service Technician, Splicing Technician, Premise Technician, System Engineers, Help Desk support, and Call Center support.

E/ET 206	Cabling Technician	4
E/ET 225	Sound and Communication Technology	3
E/ET 220	Electronics I	3
E/ET 224	Introduction to Security and Fire Alarm Systems	3
E/ET 214B	Electronics II	4

Total Units

17

PID 752

PROGRAM OF STUDY

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

Laney College

TOP Code: 0604.20

Program Control Number:

Curriculum Committee Approval Date: 04/04/2014

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

Career Opportunities in

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

Core Requirements

MEDIA 104	Beginning Digital Video Production	3
	and	
MEDIA 111	Basic Audio Production	3
	and	
MEDIA 115	Media-based Computing: iLife and Mac OS X	3
	and	
MEDIA 129	Portfolio Development	1
	and	
MEDIA 460B	AV Work Experience	1

Degree Major/Certificate Requirements:

MEDIA 125	Scriptwriting for Video, Broadcast and Digital Cinematography	3
MEDIA 130	Final Cut Pro I: Nonlinear Editing for Video, Broadcast and Digital Cinematography	3

Select two courses from the following:

		Units
MEDIA 120	Making Documentaries	3
MEDIA 121	Event Videography: Sports Video Production	3
MEDIA 122	Music Video Production	3
MEDIA 180	HDSLR Workflow for Digital Photography and Cinematography	3
MEDIA 181	Digital Cinema Production in 4K	3

Select one course from the following:

		Units
MEDIA 112	Media Freelancing and Entrepreneurship	3
MEDIA 131	Final Cut Pro II: Nonlinear Editing for Video, Broadcast and Digital Cinematography	3
MEDIA 140	After Effects: Motion Graphics for Video, Broadcast and Digital Cinematography	3
MEDIA 150	Pro Tools: Sound Design/Aesthetics for Video, Broadcast and Digital Cinematography	3
MEDIA 151	Making Podcasts – The New Wave of Broadcasting	2
MEDIA 155	Advanced Music Video Production: Basic Recording	3

Total Units

19 - 26

PID 678

PROGRAM OF STUDY

ANTHROPOLOGY A.A. Degree

Merritt College

TOP Code: 2202.00

Program Control Number:

A study of anthropology at Merritt College is intended to provide students with knowledge and appreciation of the diversity of cultural and biological contributions to human adaptations, in the past and in the present. The AA degree in Anthropology will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Career Opportunities in

Anthropology is valuable for people seeking careers in business, private and non-profit sectors, education, community service, criminal justice (and with further study, forensics and law), and government. With added academic study and degrees, and anthropology degree is a useful for study in healthcare and medicine (epidemiology, public health, nursing, pre-medicine for a career as a doctor), museology, international development, city planning, linguistics, psychology, ecology, and archaeology and cultural resource management.

Degree Major Requirements:		Units
ANTHR 001	Introduction to Physical Anthropology	3
ANTHR 001L	Physical Anthropology Laboratory	1
ANTHR 002	Introduction to Archeology and Prehistory	3
ANTHR 003	Introduction to Social and Cultural Anthropology	3
ANTHR 005	American Indian History and Culture	3
MATH 013	Introduction to Statistics	4

Select two courses (6 units) from the following:		Units
ANTHR 004	Ancient Civilizations: Aztec, Inca, Maya	3
ANTHR 007	Magic, Religion and Witchcraft	3
ANTHR 013	Urban Anthropology	3
ANTHR 016	Sex and Society	3
Total Units for the Major:		23

General Education (PCCD GE Pattern):	Units
	19

Units that may be double-counted:	Units
	9 - 12

Electives (degree-applicable courses):	Units
	27 - 30

Strongly recommended:		Units
BIOL 010	Introduction to Biology	4
and		
CIS 001	Introduction to Computer Information Systems	4
or		
CIS 005	Introduction to Computer Science	5

Total Units

60

PID 797

PROGRAM OF STUDY

Art Foundation Certificate of Proficiency

Merritt College

TOP Code: 1001.00

Program Control Number:

The Art Foundation Certificate of Proficiency prepares students to enter various vocational programs and/or fields of study that require knowledge of basic drawing, painting, color and 2-D composition or design skills.

Career Opportunities in

These foundation courses prepare students to advance in vocational programs, such as Graphic Design, Illustration, Fashion Design, Industrial Design, Interior Design, Media Arts, Video, Architecture, Arts Education, and Childhood Education. These courses also prepare students to transfer to a 4-year college to major in Fine Art or Art History.

Required courses:

		Units
ART 020	Beginning Drawing and Composition	3
ART 021	Continuing Drawing and Composition	2
ART 025	Beginning Figure Drawing and Composition	2
ART 046	2-D Visual Design	3
ART 050	Beginning Painting	3

At least one class of 2 or more units from the following courses:

		Units
ART 022	Intermediate Drawing and Composition	3
ART 023	Advanced Drawing and Composition	3
ART 026	Continuing Figure Drawing and Composition	2
ART 027	Intermediate Figure Drawing and Composition	3
ART 028	Advanced Figure Drawing and Composition	3
ART 035	Beginning Portraiture	2
ART 036	Continuing Portraiture	2
ART 040	Color Dynamics: The Interaction of Color	3
ART 051	Continuing Painting	2
ART 052	Intermediate Painting	3
ART 053	Advanced Painting	3
ART 060	Beginning Painting: Watercolor	2
ART 061	Continuing Painting: Watercolor	2
ART 062	Intermediate Painting: Watercolor	3
ART 063	Advanced Painting: Watercolor	3
ART 066	Beginning Pastel Drawing	2
ART 067	Continuing Pastel Drawing	2
ART 166	Beginning Botanical Drawing	2

Total Units

15 - 16

PID 589

PROGRAM OF STUDY

Botanical Illustration Certificate of Proficiency

Merritt College

TOP Code: 1002.10

Program Control Number:

A Certificate of Proficiency in Botanical Illustration provides students with the skills and portfolio to apply to advanced scientific illustration programs, or the basis for a career as a botanical artist. It is also an attractive resume enhancement for students in other related programs, such as landscape design, botany and biology.

Career Opportunities in

A Certificate of Proficiency in Botanical Illustration enables students to develop the skills and portfolio to apply to advanced scientific illustration programs, or pursue a career as a botanical artist. It also provides a resume enhancement for students in other programs, such as landscape design, botany and biology, and environmental studies.

Requirements

ART 060	Beginning Painting: Watercolor	2
ART 061	Continuing Painting: Watercolor	2
ART 166	Beginning Botanical Drawing	2
ART 167	Continuing botanical drawing	2
ART 168	Advanced Botanical Drawing	2
ART 169	Special Projects Botanical Drawing	2
LANHT 023	Plant Terminology	2.5

Minimum of 3 units from the following courses:

		Units
LANHT 002	Plant Materials: Tree ID and Culture with Lab (Day)	3
LANHT 002E	Plant Materials: Tree ID and Culture (Evening)	3
LANHT 003	Plant Materials: Ground Covers and Vines ID and Culture with Lab (Day)	3
LANHT 003E	Plant Materials: Ground Covers and Vines ID and Culture (Evening)	3
LANHT 004	Plant Materials: Shrubs ID and Culture with Lab (Day)	3
LANHT 004E	Plant Materials: Shrubs ID and Culture (Evening)	3
LANHT 005A	Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 005B	Plant Materials: Spring Native Plant ID and Culture with Lab (Day)	3
LANHT 005EA	Plant Materials: Fall Native Plant ID and Culture (Evening)	3
LANHT 005EB	Plant Materials: Spring Native Plant ID and Culture (Evening)	3
LANHT 006A	Plant Materials: Fall Herbaceous Plant ID and Culture with Lab (Day)	3
LANHT 006B	Plant Materials: Spring Herbaceous Plant ID and Culture with Lab (Day)	3
LANHT 006EA	Plant Materials: Fall Herbaceous Plant ID and Culture (Evening)	3
LANHT 006EB	Plant Materials: Spring Herbaceous Plant ID and Culture (Evening)	3
LANHT 007	Plant Materials: Conifer ID and Culture with Lab (Day)	3
LANHT 007E	Plant Materials: Conifer ID and Culture (Evening)	3

Total Units

17.5

PID 633

PROGRAM OF STUDY

Ceramics Certificate of Proficiency

Merritt College

TOP Code: 1002.30

Program Control Number:

The Merritt College Ceramics Certificate Program is a comprehensive preparation for employment in the field of ceramic arts. Introductory through advanced coursework allows students to build and refine broad-based skills and concepts from design principles to portfolio development. Merritt College Ceramics students have exhibited art work in gallery and museum venues, been featured in national publications, catalogs and books, and lectured at conferences and symposia. Upon completion of this program, students have obtained jobs in the profession including college ceramics technician, community arts center instructor, assistant to noted Bay Area artists, artists with public art commissions, ceramic supply salesperson, gallery representative, and studio artists. A Certificate of Proficiency in Ceramics will be awarded upon satisfactory completion of course requirements.

Career Opportunities in

The Ceramics Certificate of Proficiency offers a broad range of career opportunities. Upon completion students will have the skills to market their work at art fairs, work in galleries and museum shops, teach ceramics at community centers, and work in sales positions in ceramic supply companies.

Required courses:		Units
ART 009	History of World Ceramics: Past and Present	3
ART 080	Beginning Ceramics	3
ART 082	Intermediate Ceramics	3
ART 083	Advanced Ceramics	3
ART 088	Special Projects: Ceramic Sculpture	2
ART 187	Beginning Ceramic Sculpture	3

Total Units

17

PID 590

PROGRAM OF STUDY

CHILD DEVELOPMENT A.A. Degree

Merritt College

TOP Code: 1305.80

Program Control Number:

Curriculum Committee Approval Date: 11/13/2014

This 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 in

A variety of jobs in the field of Early Care and Education.

Degree Major Requirements:

	Units
CHDEV 050 Principles and Practices of Teaching Young Children	3
CHDEV 051 Child Growth and Development	3
CHDEV 052 Observation and Assessment	3
CHDEV 053 The Child, the Family and the Community	3
CHDEV 054A Social Emotional Foundations for Early Learning	3
CHDEV 054B Introduction to Curriculum	3
CHDEV 055A Practicum-Field Experience	5
CHDEV 074 Health, Safety and Nutrition	3
CHDEV 080 Teaching in a Diverse Society	3

Select one elective from the following:

	Units
CHDEV 055C Advanced Practicum-Field Experience	3
CHDEV 056A Infant/Toddler Development and Care	3
CHDEV 056B Curriculum and Environments for Infants and Toddlers	3
CHDEV 060 Emergent Literacy and Children's Literature	3
CHDEV 061 Advanced Curriculum Development	3
CHDEV 062 Overview of Operations of Family Child Care	3
CHDEV 068 Play-Based Curriculum	3
CHDEV 084 Curriculum and Strategies for Children with Special Needs	3

Total Units for Major: 32

General Education (PCCD GE Pattern)

Units
19

Units that can be double counted with General Education:

Units
3

Electives (degree-applicable courses) to reach 60 units:

Units
12

Total Units

60

PROGRAM OF STUDY

COMMUNITY SOCIAL SERVICES/SUBSTANCE ABUSE A.A. Degree

Merritt College

TOP Code: 2104.40

Program Control Number:

The Community Social Services/Substance Abuse program is designed to prepare students for employment in entry-level paraprofessional positions providing counseling, case management, crisis management, and relapse prevention services to substance abuse clients. The program also offers further training for persons already employed in the field. The program requirements comply with CAADE (California Association on Alcohol and Drug Education) guidelines. Community Social Services/Substance Abuse is offered both for the Associate degree and the certificate. To qualify for the AA degree, students must satisfactorily complete the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the major course requirements.

Career Opportunities in

The Substance Abuse program is designed to prepare students for employment in entry-level paraprofessional positions providing counseling, case management, crisis management, and relapse prevention services to substance abuse clients.

Required Courses:		Units
COSER 010	Community Resources and Social Policy	3
COSER 016B	Communication: Families in Crisis	3
COSER 020	Group Dynamics: Working with Small Groups	2 - 3
COSER 021	Psychology/Pharmacology of Drugs of Abuse	3 - 4
COSER 022	Social Psychology of Substance/Drug Abuse	3
COSER 025	Maintaining Sobriety and Relapse Prevention	3
COSER 026	Case Management for Substance Abuse Paraprofessionals	3
COSER 027	Crisis Management for Substance Abuse	3
COSER 028	Dual Diagnosis: Mental Illness and Drug Abuse	3
COSER 029	Working with Diverse Populations	3
COSER 040	Community Social Services Field Experience	3
COSER 040	Community Social Services Field Experience	3
COSER 040	Community Social Services Field Experience	3
COSER 042	Counseling Skills and Substance Abuse	3
and		
ENGL 001A	Composition and Reading	4
or		
ENGL 100	College Composition and Reading	4
and		
HLTED 001	Exploring Health Issues	3
KIN 058A	Fitness Center Strength Training I-Fundamentals	0.5
KIN 058B	Fitness Center Strength Training II-Beginning	0.5
Total Units for the Major:		49 - 51

General Education (PCCD GE Pattern):	Units
	19

Units that may be double-counted:	Units
	6

Electives (degree-applicable courses):	Units
	0
FIRST SEMESTER	Units
COSER 021 Psychology/Pharmacology of Drugs of Abuse	3 - 4
COSER 029 Working with Diverse Populations	3
COSER 040 Community Social Services Field Experience	3
COSER 042 Counseling Skills and Substance Abuse	3
SECOND SEMESTER	Units
COSER 016B Communication: Families in Crisis	3
COSER 020 Group Dynamics: Working with Small Groups	2 - 3
COSER 027 Crisis Management for Substance Abuse	3
COSER 040 Community Social Services Field Experience	3
KIN 058A Fitness Center Strength Training I-Fundamentals	0.5
THIRD SEMESTER	Units
COSER 010 Community Resources and Social Policy	3
COSER 026 Case Management for Substance Abuse Paraprofessionals	3
COSER 028 Dual Diagnosis: Mental Illness and Drug Abuse	3
COSER 040 Community Social Services Field Experience	3
FOURTH SEMESTER	Units
COSER 022 Social Psychology of Substance/Drug Abuse	3
COSER 025 Maintaining Sobriety and Relapse Prevention	3
	and
ENGL 001A Composition and Reading	4
	or
ENGL 100 College Composition and Reading	4
	and
HLTED 001 Exploring Health Issues	3
KIN 058B Fitness Center Strength Training II-Beginning	0.5

Total Units	62 - 64
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PROGRAM OF STUDY

COMMUNITY SOCIAL SERVICES/SUBSTANCE ABUSE Certificate of Achievement

Merritt College

TOP Code: 2104.40

Program Control Number:

The Community Social Services/Substance Abuse program is designed to prepare students for employment in entry-level paraprofessional positions providing counseling, case management, crisis management, and relapse prevention services to substance abuse clients. The program also offers further training for persons already employed in the field. The program requirements comply with CAADE (California Association on Alcohol and Drug Education) guidelines. Community Social Services/Substance Abuse is offered both for the Associate degree and the certificate. To qualify for the AA degree, students must satisfactorily complete the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the major course requirements.

Career Opportunities in

The Substance Abuse program is designed to prepare students for employment in entry-level paraprofessional positions providing counseling, case management, crisis management, and relapse prevention services to substance abuse clients.

Required Courses:

		Units
COSER 010	Community Resources and Social Policy	3
COSER 016B	Communication: Families in Crisis	3
COSER 020	Group Dynamics: Working with Small Groups	2 - 3
COSER 021	Psychology/Pharmacology of Drugs of Abuse	3 - 4
COSER 022	Social Psychology of Substance/Drug Abuse	3
COSER 025	Maintaining Sobriety and Relapse Prevention	3
COSER 026	Case Management for Substance Abuse Paraprofessionals	3
COSER 027	Crisis Management for Substance Abuse	3
COSER 028	Dual Diagnosis: Mental Illness and Drug Abuse	3
COSER 029	Working with Diverse Populations	3
COSER 040	Community Social Services Field Experience	3
COSER 040	Community Social Services Field Experience	3
COSER 040	Community Social Services Field Experience	3
COSER 042	Counseling Skills and Substance Abuse	3
	and	
ENGL 001A	Composition and Reading	4
	or	
ENGL 100	College Composition and Reading	4
	and	
HLTED 001	Exploring Health Issues	3
KIN 058A	Fitness Center Strength Training I-Fundamentals	0.5
KIN 058B	Fitness Center Strength Training II-Beginning	0.5

FIRST SEMESTER

		Units
COSER 021	Psychology/Pharmacology of Drugs of Abuse	3 - 4
COSER 029	Working with Diverse Populations	3
COSER 040	Community Social Services Field Experience	3
COSER 042	Counseling Skills and Substance Abuse	3

SECOND SEMESTER		Units
COSER 016B	Communication: Families in Crisis	3
COSER 020	Group Dynamics: Working with Small Groups	2 - 3
COSER 027	Crisis Management for Substance Abuse	3
COSER 040	Community Social Services Field Experience	3
KIN 058A	Fitness Center Strength Training I-Fundamentals	0.5
THIRD SEMESTER		Units
COSER 010	Community Resources and Social Policy	3
COSER 026	Case Management for Substance Abuse Paraprofessionals	3
COSER 028	Dual Diagnosis: Mental Illness and Drug Abuse	3
COSER 040	Community Social Services Field Experience	3
FOURTH SEMESTER		Units
COSER 022	Social Psychology of Substance/Drug Abuse	3
COSER 025	Maintaining Sobriety and Relapse Prevention	3
HLTED 001	Exploring Health Issues	3
	and	
ENGL 100	College Composition and Reading	4
	or	
ENGL 001A	Composition and Reading	4
	and	
KIN 058B	Fitness Center Strength Training II-Beginning	0.5
Total Units		49 - 51

PROGRAM OF STUDY

DIETARY MANAGER Certificate of Achievement

Merritt College

TOP Code: 1306.20

Program Control Number: 1212

The Dietary Manager program is designed for those interested in food service management and for individuals with food-service and cooking experience who seek advancement into management positions, especially in the healthcare field. 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 Association of Nutrition and Foodservice Professionals (ANFP) as a Certified Dietary Manager (CDM) and Certified Food Protection Professional (CFPP). A Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor) will be awarded upon satisfactory completion of the Major course requirements.

Career Opportunities in

Dietary Services Supervisor in Health Care Setting, Certified Dietary Manager--oversight of food service operations in a health care setting

Requirements:		Units
NUTR 010	Nutrition	4
NUTR 012	Nutrition and Disease	3
NUTR 030	Sanitation and Safety	2
NUTR 031	Food-Production Systems	3
NUTR 032	Supervision and Training	3
NUTR 070A	Seminar in Supervised Practice, Level A	2
NUTR 071A	Rotations in Supervised Practice, Level A	2

Total Units

19

PID 790

PROGRAM OF STUDY

DIETETIC TECHNOLOGY A.S. Degree

Merritt College

TOP Code: 1306.60

Program Control Number: 12299

The Dietetic Technology program provides training for Dietetic Technicians, who work cooperatively with Registered Dietitians. The Dietetic Technician is certified by the Academy of Nutrition and Dietetics (AND) to screen clients for nutritional risk and assist in assessing dietary needs, implementing care plans, and supervising food production and service. The Dietetic Technician, trained in food and nutrition, is an integral member of the healthcare, business and industry, public health, food service and research team.

Career Opportunities in

The program prepares students to become a Registered Dietetic Technician, an integral part of a health care and foodservice management team.

Major Requirements:

	Units
BIOL 024 Basic Human Anatomy and Physiology	4
HLTOC 201 Medical Terminology I	2
NUTR 010 Nutrition	4
NUTR 012 Nutrition and Disease	3
NUTR 030 Sanitation and Safety	2
NUTR 031 Food-Production Systems	3
NUTR 032 Supervision and Training	3
NUTR 070A Seminar in Supervised Practice, Level A	2
NUTR 070B Seminar in Supervised Practice, Level B	3
NUTR 070C Seminar in Supervised Practice, Level C	3
NUTR 071A Rotations in Supervised Practice, Level A	2
NUTR 071B Rotations in Supervised Practice, Level B	2
NUTR 071C Rotations in Supervised Practice, Level C	2
Total Units for Major:	35
-	
General Education:	
From AREA TWO GE:	3
choose either a PSYCH or SOC course	
Additional General Education (PCCD GE Pattern) Units:	16
Units that may be double counted with major requirements:	3
-	
Electives (degree-applicable courses):	16
-	
Recommended:	
NUTR 001 Survey of Nutrition and Dietetics	1

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

Total Units

60

PROGRAM OF STUDY

Emergency Medical Technician (EMT) Certificate of Proficiency

Merritt College

TOP Code: 1250.00

Program Control Number:

EMT 211 (EMT Basic) is a full-semester long course designed to prepare students for national certification as an EMT-1. Students will learn a multitude of skills including patient assessment; spinal immobilization; bleeding control; use of oxygen and airway adjuncts; and splinting techniques. Didactic lectures will cover the following areas: anatomy & physiology of the human body; neurological emergencies; cardiac emergencies; shock; diabetic emergencies; traumatic injuries; pediatric emergencies; geriatric emergencies; pharmacology; hazardous materials; ambulance operations; patient transport; mass casualty training; and introduction to the role of EMS personnel within the Incident Command System. Upon successful completion of coursework, students will be eligible to sit for the licensing examination with the National Registry of Emergency Medical Technicians. Additionally, students may proceed to the next phase of the certification process with the Alameda County Emergency Medical Services Agency

Career Opportunities in Emergency Medical Technician

EMT, firefighter, first responder, paramedic and emergency room technician.

		Units
EMT 211	Emergency Medical Technician–Basic	6

Total Units

6

PID 800

PROGRAM OF STUDY

Fire Science Certificate of Achievement

Merritt College

TOP Code: 2133.50

Program Control Number:

The Fire Science Technology program is based on the Fire and Emergency Services Higher Education (FESHE) Model Curriculum, which is modeled by the California State Fire Marshal and the U.S. Fire Administration; the National Fire Academy. Successful completion of the certificate program qualifies the pre-service student for State Firefighter 1 certification (pending completion of either 6 months experience as a full-time paid firefighter or 12 months of experience as a volunteer firefighter). Classes are also offered for Fire Service personnel in search of continuing education leading to various state certifications including Fire Officer, Fire Prevention Officer, and Public Education Officer.

Career Opportunities in

Career paths can include traditional careers such as firefighters, fire investigators, and fire inspectors but can also open doors to jobs in emergency management, homeland security, and forensics.

Complete 27 units from the list below

		Units
FISCI 201	Principles of Emergency Services	3
FISCI 202	Fire Prevention	3
FISCI 203	Building Construction for Fire Protection	3
FISCI 204	Fire Behavior and Combustion	3
FISCI 205	Fire Protection Systems	3
FISCI 206	Principles of Fire and Emergency Services Safety and Survival	3
FISCI 211	Firefighter Academy	9

Total Units

27

PID 516

PROGRAM OF STUDY

Mathematics AS-T Degree

Merritt College

TOP Code: 1701.00

Program Control Number: 32928

State Approval Date: 10/10/2014

Board of Trustees Date: 06/10/2014

Curriculum Committee Approval Date: 10/23/2014

Current Effective Date: 08/01/2015

The Associate in Science in Mathematics for Transfer Degree (AS-T) is designed for students planning to transfer into the mathematics major. 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 mathematics or similar major. Students interested in the AS-T for transfer degree in mathematics should consult with the departmental faculty chair. The AS-T degree will be awarded upon completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog. Complete the Degree Major Requirements and/or courses from Groups A and B below to complete preparation for the major. Also complete 37-39 General Education units from either the California State University General Education-Breadth Requirements (CSU-GE) or the Intersegmental General Education Transfer Curriculum (IGETC) and electives to total 60 units for the degree.

Career Opportunities in

In the modern world, there are many fields that need specialists in mathematics. Careers in mathematics include: scientists, researchers, programmers and other specialists in information systems, mathematics teachers, actuaries and insurance specialists, and people who can combine mathematical knowledge with a scientific, technological, or business background.

Degree Major Requirements

		Units
MATH 003A	Calculus I	5
MATH 003B	Calculus II	5
MATH 003C	Calculus III	5

Group A:

Choose at least 1 course from this group (if you choose Math 3E and Math 3F, then Group B is optional):

		Units
MATH 003E	Linear Algebra	3
	or	
MATH 003F	Differential Equations	3

Group B:

Choose one course from this group if necessary to complete 21-23 units for the major:

		Units
MATH 013	Introduction to Statistics	4
	or	
PHYS 004A	General Physics with Calculus	5
Degree Major Requirements Unit Total:		21 - 23

General Education (CSU GE or IGETC):

Units
37 - 39

Units that may be double-counted:

Units
3 - 7

Electives (transferable courses):

Units

1 - 9

Total Units

60

PID 804

PROGRAM OF STUDY

NURSING A.S. Degree

Merritt College

TOP Code: 0000.00

Program Control Number:

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 required 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 CONSIDERED.**

Eligibility/Admission 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.
 - Each Group A course must be completed with a grade of "C" or better (letter grade only) with an overall grade-point average (GPA) of 2.5 or better ("C-" is not acceptable).
 - Anatomy, Physiology, and Microbiology courses must have been completed.
3. A recent (within 6 months) physical examination certifying good physical health must have been satisfactorily completed, criminal background check and drug screening at the student's own expense.
4. CPR (Basic Life Support) certification must be current within one year at the time of application and must re-main current throughout the length of the program.
5. The student must have proof of a two part annual Tuberculosis (TB) screening.
6. Upon enrollment to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at all colleges or universities. Foreign transcripts must be sent to World Education Services for evaluation and Berlitz Translation Services for translation. Forms may be obtained from the Counseling Office.
7. Nonresident foreign students must see the International Student Advisor before applying.
8. Two sets of official transcripts from all colleges attended including the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Allied Health Department (D102) at Merritt.

Admission Criteria Effective as of Fall 2011:

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).

Admission will be determined by the following:

1. Overall college GPA: 2.5 or above.
2. Biology Core (anatomy, physiology, and microbiology) GPA: 2.5 or above; English 1A (Composition and Reading) GPA: 2.0. Additionally, biology core repetitions will be evaluated. Course repetitions will adversely affect your overall score. A withdrawal (W), D, or F is counted as a repetition. A formula approved by the State Chancellor's Office will compute your cut score. Those who score above 80% will be entered into the eligibility pool. Of those eligible to enroll into the Nursing Program, a lottery will be used for selection purposes. All students meeting the admission criteria will be eligible for admission by random selection.

Applications will be accepted from December 1 through March 1 for Fall admission of the following academic school year. 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). At that time, the student's transcripts will be screened to determine whether the student is eligible for admission based upon the Chancellor's Advisory Model Prerequisites.

Prior to admission, all students who have been randomly selected must also pass a diagnostic assessment test (Basic Math, English, Reading, and Science) in addition to meeting the requirements stated above. Students who fail to achieve a passing score will be required to complete additional Pre-nursing course work prior to admission and enrollment in the Nursing Program. Pre-Nursing course work and clearance of diagnostic assessment deficiencies must be completed to become eligible for admission to the program. Contact the ADN program for more details.

Career Opportunities in

entry level Registered Nurse

Eligibility/Admission Requirements:

Group A – Prerequisite Requirements:

BIOL 020A	Human Anatomy and Physiology	5
	and	
BIOL 020B	Human Anatomy and Physiology	5
	or	
BIOL 002	Human Anatomy	5
	and	
BIOL 004	Human Physiology	5
BIOL 003	Microbiology	5
ENGL 001A	Composition and Reading	4

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. English 5 requires an additional Humanities course.

MATH 203	Intermediate Algebra	4
ENGL 001B	Composition and Reading	4
	or	
ENGL 005	Critical Thinking in Reading and Writing	3
PSYCH 001A	Introduction to General Psychology	3
SOC 001	Introduction to Sociology	3
	or	
ANTHR 003	Introduction to Social and Cultural Anthropology	3
COMM 020	Interpersonal Communication Skills	3
Plus: Computer Literacy requirement		1
And: Ethnic Studies requirement		3

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):

NURS 001	Fundamentals in Nursing: Beginning Principles of Health Care	9
NURS 003A	Perinatal Nursing	4
NURS 003B	Pediatric Nursing	4
NURS 004A	Intermediate Medical-Surgical Nursing	4
NURS 004B	Psychiatric Nursing	4
NURS 005	Advanced Medical-Surgical Nursing: Disruption in Homeostasis	9
NURS 010	Leadership and Management	1
NURS 011	Ethics and Law	1

NURS 012	Calculation of Drug Dosages for Health Professionals	1
NURS 013	Pharmacology in Nursing	3
NURS 014	Nutrition and Diet Therapy in Nursing	2

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.

Total Units

81 - 82

PID 384

PROGRAM OF STUDY

PATHWAY II CERTIFICATE Certificate of Proficiency

Merritt College

TOP Code: 1306.60

Program Control Number:

The Merritt College Nutrition and Dietetics program is accredited by the Academy of Nutrition and Dietetics/Accreditation Council for Education Programs in Nutrition and Dietetics (AND/ACEND). Program graduates are qualified to sit for the national Commission of Dietetic Registration (CDR) exam, and upon successful completion of the exam, they are qualified to use the designation of "Dietetic Technician Registered (DTR)." Dietetic Technicians who possess an Associate or higher degree, but who are not registered, must successfully complete both the Pathway II Certificate courses specified below and the national CDR exam to become registered. 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 AND/ACEND-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 CDR exam. 2. Graduates of a non-CDR/ACEND-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 AND/ACEND 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 AND/ACEND. The student then proceeds as specified in #2 above.

Career Opportunities in

Dietetic Technician, Registered

Certificate of Proficiency Requirements:

NUTR 070A	Seminar in Supervised Practice, Level A	2
NUTR 070B	Seminar in Supervised Practice, Level B	3
NUTR 070C	Seminar in Supervised Practice, Level C	3
NUTR 071A	Rotations in Supervised Practice, Level A	2
NUTR 071B	Rotations in Supervised Practice, Level B	2
NUTR 071C	Rotations in Supervised Practice, Level C	2

Total Units

14

PID 799

PROGRAM OF STUDY

REAL ESTATE A.A. Degree

Merritt College

TOP Code: 0511.10

Program Control Number:

The major in Real Estate provides excellent preparation for the broker's or salesperson's license and contributes to efficiency in many allied professions such as developers, appraisers, title officers, property managers, and mortgage brokers and bankers. In addition, the courses provide important information and training for professionals interested in investing in real estate including those in government working with real property. The AA degree in Real Estate will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the major course requirements.

Career Opportunities in

The study of real estate can lead to a career as a developer, appraiser, title officer, property manager, and mortgage broker/banker.

Required Courses:		Units
RLEST 002A	Principles of Real Estate	3
RLEST 004A	Legal Aspects of Real Estate	3
RLEST 005	Real Estate Practice	3
RLEST 006A	Real Estate Finance - Residential	3
RLEST 007A	Real Estate Appraisal	3
RLEST 009	Real Estate Economics	3

Select two courses (6 units) from the following:		Units
RLEST 003	Real Estate Brokerage Management	3
RLEST 006B	Advanced Real Estate Finance	3
RLEST 008	Property Management	3
RLEST 010	Real Estate Mathematics	3
RLEST 011	Real Estate Escrow Procedures	3
RLEST 014	Real Estate Investments	3
RLEST 020	Computer Applications in Real Estate	3
Total Units for the Major		24

General Education (PCCD GE Pattern):	Units
	19

Units that may be double-counted:	Units
	0 - 1

Electives (degree-applicable courses):	Units
	17 - 18

Total Units	60
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PROGRAM OF STUDY

REAL ESTATE Certificate of Achievement

Merritt College

TOP Code: 0511.10

Program Control Number:

The major in Real Estate provides excellent preparation for the broker's or salesperson's license and contributes to efficiency in many allied professions such as developers, appraisers, title officers, property managers, and mortgage brokers and bankers. In addition, the courses provide important information and training for professionals interested in investing in real estate including those in government working with real property. The AA degree in Real Estate will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A Certificate of Achievement will be awarded upon satisfactory completion of the major course requirements.

Career Opportunities in

The study of real estate can lead to a career as a developer, appraiser, title officer, property manager, and mortgage broker/banker.

Required Courses:

RLEST 002A	Principles of Real Estate	3
RLEST 004A	Legal Aspects of Real Estate	3
RLEST 005	Real Estate Practice	3
RLEST 006A	Real Estate Finance - Residential	3
RLEST 007A	Real Estate Appraisal	3
RLEST 009	Real Estate Economics	3

Select two courses (6 units) from the following:

		Units
RLEST 003	Real Estate Brokerage Management	3
RLEST 006B	Advanced Real Estate Finance	3
RLEST 008	Property Management	3
RLEST 010	Real Estate Mathematics	3
RLEST 011	Real Estate Escrow Procedures	3
RLEST 014	Real Estate Investments	3
RLEST 020	Computer Applications in Real Estate	3

Total Units

24

PID 811

PROGRAM OF STUDY

Sociology AA-T Degree

Merritt College

TOP Code: 2208.00

Program Control Number:

The Associate in Arts Degree in Sociology is intended to meet the lower division requirements for Sociology majors (or majors that have been deemed similar). Sociology is the critical and applied investigation of everyday life. This approach to academic studies provides students with an analysis of social life, social change, and the social factors and consequences of human behavior using the methods of social science research. Sociologists examine the social construction of individuals, groups, organizations and institutions and how people interact within these contexts. 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. Students interested in the AA for transfer degree in Sociology should consult with the Social Sciences Department Chair and a counselor. 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.

Career Opportunities in

Skills developed from studying sociology can be useful in business, community service, activism, child development, politics, criminal justice, education in the government, private and non-profit sectors

Required Core		Units
SOC 001	Introduction to Sociology	3
SOC 002	Social Problems	3
SOC 120	Introduction to Research Methods	3
or		
MATH 013	Introduction to Statistics	4
List A: Select two courses (minimum of 6 units) from the following		Units
SOC 003	Sociology of Women	3
SOC 005	Minority Groups	3
SOC 013	Sociology of the Family	3
PSYCH 006	Social Psychology	3
List B: Select one course (minimum of 3 units) from the following (or any course not already used above):		Units
SOC 045	Sociology of Sports	3
AFRAM 010	Sociology of African-Americans	3
ADJUS 021	Introduction to Administration of Justice	3
ANTHR 003	Introduction to Social and Cultural Anthropology	3
Total units for the major:		18 - 19
General Education (CSU GE or IGETC):		Units
		37 - 39
Units that can be double counted:		Units
		6 - 12

Electives:

Units

11 - 17

Total Units

60

PID 748

PROGRAM OF STUDY

TEACHER Certificate of Achievement

Merritt College

TOP Code: 1305.80

Program Control Number:

Curriculum Committee Approval Date: 11/13/2014

The Teacher program is designed to prepare students for Head Teacher level work in public or private childcare facilities. The option builds on the introductory skills & knowledge base needed to work in Early Care and Education through 12 additional Child Development units including observation & assessment, infant/toddler care, practicum field experience and emergent literacy. A Certificate of Achievement will be awarded upon satisfactory completion of the courses specified below. A Certificate of Achievement is indicated on the student's transcript.

Career Opportunities in

Pre-school teacher Site Supervisor/Director in Early Care & Education Programs

Certificate of Achievement Requirements

CHDEV 051	Child Growth and Development	3
CHDEV 053	The Child, the Family and the Community	3
CHDEV 054A	Social Emotional Foundations for Early Learning	3
CHDEV 054B	Introduction to Curriculum	3

These courses match the course requirements on the Child Development Permit Matrix for Teacher.

Select 12 units from the following:

	Units	
CHDEV 050	Principles and Practices of Teaching Young Children	3
CHDEV 052	Observation and Assessment	3
CHDEV 055A	Practicum-Field Experience	5
CHDEV 055C	Advanced Practicum-Field Experience	3
CHDEV 056A	Infant/Toddler Development and Care	3
CHDEV 056B	Curriculum and Environments for Infants and Toddlers	3
CHDEV 060	Emergent Literacy and Children's Literature	3
CHDEV 061	Advanced Curriculum Development	3
CHDEV 062	Overview of Operations of Family Child Care	3
CHDEV 068	Play-Based Curriculum	3
CHDEV 074	Health, Safety and Nutrition	3
CHDEV 080	Teaching in a Diverse Society	3
CHDEV 084	Young Children with Special Needs: Strategies for Intervention	3
CHDEV 246	Emergent Topics: Best Practices for Working with Children	0.5 - 2
Total Units for Certificate Requirements:		24

Select 16 General Education units to include:

	Units	
COMM 020	Interpersonal Communication Skills	3
ENGL 001A	Composition and Reading	4
Other elective General Education units (degree-applicable courses)		9

Total Units

40

