

PASADENA CITY COLLEGE  
CURRICULUM AND INSTRUCTION COMMITTEE  
MINUTES OF MEETING  
THURSDAY, OCTOBER 31, 2019

CALLED TO ORDER: 1:23 p.m.

CO-CHAIRPERSONS: Sharon Bober  
Tamara Knott-Silva

The following Curriculum and Instruction Committee members were present:

FACULTY CHAIRPERSONS

Sharon Bober  
Tamara Knott-Silva

INSTRUCTIONAL UNITS

Wendy Lucko, Business, Engineering & Technology  
Jeff Hupp, Counseling and Career Services  
Manuel Perea, English  
Sebrenia Law, Health Sciences  
Charlene Potter, Languages  
Richard Abdelkerim, Mathematics and Computer Science  
Henry Shin, Performing & Communication Arts  
Bakhtawar Bhadha, Social Sciences  
Masood Kamandy, Visual Arts & Media Studies

DIVISION DEANS

Julie Kiotas  
Lynora Rogacs  
Natalie Russell  
Isela Ocegueda

MEMBERS EX-OFFICIO

Sharis Amirian, Articulation Officer

VISITORS

Matthew Henes  
Marylynn Aguirre  
Jacob Tucker  
Kevin McKenna  
Sonia Wurst  
Li Lei  
Kaitzer Puglia  
Tanysha Laney

*In accordance with the Ralph M. Brown Act and SB 751, the minutes of the Curriculum and Instruction Committee of Pasadena City College record the votes of all committee members as follows: (1) Members not present are presumed not to have voted; (2) the names of members of minority or abstaining votes are recorded; (3) all other members are presumed to have voted in the majority.*

## I. WELCOME

Self-introductions were made.

## II. PUBLIC COMMENT

There was no public comment.

## III. APPROVAL OF MINUTES

Meeting Minutes for October 24, 2019.

ON MOTION by Richard Abdelkerim and seconded by Jeff Hupp, the committee voted to approve the minutes from meeting 9. ABSTAIN = 2 (Masood Kamandy, Charlene Potter)  
(Tamara Knott-Silva and Wendy Lucko were not present for this vote.)

## IV. COMMITTEE DISCUSSION

ON MOTION by Bakhtawar Bhadha and seconded by Jeff Hupp, the committee voted to approve the addition of HOSP 014. ABSTAIN = 1 (Charlene Potter)  
(Tamara Knott-Silva and Wendy Lucko were not present for this vote.)

ON MOTION by Masood Kamandy and seconded by Jeff Hupp, the committee voted to approve the addition of the prerequisite to HOSP 014. ABSTAIN = 1 (Charlene Potter)  
(Tamara Knott-Silva and Wendy Lucko were not present for this vote.)

ON MOTION by Masood Kamandy and seconded by Jeff Hupp, the committee voted to approve the addition of Distance Education to HOSP 014. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Richard Abdelkerim and seconded by Jeff Hupp, the committee voted to approve the additions of MACH 110, MACH 111, and MACH 120. ABSTAIN = 1 (Charlene Potter)  
(Wendy Lucko was not present for this vote.)

ON MOTION by Jeff Hupp and seconded by Masood Kamandy, the committee voted to approve the additions of MACH 130, MACH 135, and MACH 136. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Masood Kamandy and seconded by Richard Abdelkerim, the committee voted to approve the additions of prerequisites to MACH 130, MACH 135, and MACH 136. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Masood Kamandy and seconded by Wendy Lucko, the committee voted to approve the addition of MACHINE SHOP TECHNOLOGY AS/Certificate of Achievement. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Wendy Lucko and seconded by Richard Abdelkerim, the committee voted to approve the modifications of ELTY 248B, ELTY 248C, ELTY 248D. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Julie Kiotas and seconded by Masood Kamandy, the committee voted to approve the modifications of ENGR 010, MACH 101 and MACH 102. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Masood Kamandy and seconded by Sebrenia Law, the committee voted to approve the modifications of HLSC 113 (from MA 113) and HLSC 115 (from MA 115). ABSTAIN = 1 (Charlene Potter)

ON MOTION by Richard Abdelkerim and seconded by Sebrenia Law, the committee voted to approve the additions of Distance Education to HLSC 113 and HLSC 115. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Masood Kamandy and seconded by Wendy Lucko, the committee voted to approve the modifications of NURS 040, NURS 050L, and NURS 051A. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Jeff Hupp and seconded by Sebrenia Law, the committee voted to approve the modifications of the prerequisites to NURS 040, NURS 050L, and NURS 051A. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Sebrenia Law and seconded by Jeff Hupp, the committee voted to approve the modifications of NURS 053 and NURS 053L. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Jeff Hupp and seconded by Masood Kamandy, the committee voted to approve the modification of REGISTERED NURSING AS/Certificate of Achievement. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Richard Abdelkerim and seconded by Wendy Lucko, the committee voted to approve the modifications of ANAT 110, GEOG 012 and GEOG 030. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Sharis Amirian and seconded by Masood Kamandy, the committee voted unanimously to add ANTH 020, EDUC 020, and HUM 020 to the agenda.

ON MOTION by Richard Abdelkerim and seconded by Sharis Amirian, the committee voted unanimously to add CHDV 010, CHDV 113, CHDV 114, CHD 118, and CHDV 122 to the agenda.

ON MOTION by Richard Abdelkerim and seconded by Jeff Hupp, the committee voted to approve the modifications of ANTH 020, EDUC 020, HUM 020, and PSYC 020. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Wendy Lucko and seconded by Bakhtawar Bhadha, the committee voted to approve the modifications of CHDV 010, CHDV 113, CHDV 114, CHDV 118, and CHDV 122. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Richard Abdelkerim and seconded by Julie Kiotas, the committee voted to approve the modification of ANTH 031. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Wendy Lucko and seconded by Masood Kamandy, the committee voted to approve the addition of the ASSOCIATE IN ARTS IN CHILD AND ADOLESCENT DEVELOPMENT FOR TRANSFER DEGREE. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Masood Kamandy and seconded by Richard Kamandy, the committee voted to approve the modification of BLDG 213. ABSTAIN = 1 (Charlene Potter)

ON MOTION by Wendy Lucko and seconded by Julie Kiotas, the committee voted by show of hands to approve the modification of BUS 014B. YES = 8, NO = 2, ABSTAIN = 1 (Charlene Potter). (Manuel Perea was not present for this vote.)

ON MOTION by Richard Abdelkerim and seconded by Julie Kiotas, the committee voted to approve the Distance Education update to BUS 014B. ABSTAIN = 1 (Charlene Potter). (Manuel Perea was not present for this vote.)

ON MOTION by Lynora Rogacs and seconded by Masood Kamandy, the committee voted to approve the modifications of ART 020A, ART 020C, and ART 022C. ABSTAIN = 1 (Charlene Potter). (Manuel Perea was not present for this vote.)

ON MOTION by Wendy Lucko and seconded by Richard Abdelkerim, the committee voted unanimously to postpone discussion of Discipline Placement to no sooner than November 7, 2019. (Manuel Perea was not present for this vote.)

ON MOTION by Richard Abdelkerim and seconded by Wendy Lucko, the committee voted to take a 5-minute break. (Manuel Perea was not present for this vote.)

The committee reviewed and discussed the following:  
Technical Review discussion - two proposals for MATH 055  
Technical Review

V. ANNOUNCEMENTS

None.

VI. ADJOURNMENT

ON MOTION by Wendy Lucko and seconded by Richard Abdelkerim, the meeting adjourned at 3:52 p.m.

## ADDENDUM

### BUSINESS AND ENGINEERING TECHNOLOGY

#### ADDITIONS – Effective Summer 2020

##### HOSP 014 CULINARY PRINCIPLES

3 units

Professionalism in the foodservice industry. Nutrition for the culinary professional, industry tools and equipment, flavor basics, product identification, and culinary math. Total of 54 hours lecture.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A, P

Prerequisite: Enrollment or completion of HOSP 004.

Rationale: Submit form D for online and hybrid learning options. This new course is being created as a precursor course before students diving into a full lab culinary or baking course. This class covers essential skills and topics such as culinary math, professionalism, application of food safety, classification of tools and equipment, all topics necessary for success in any culinary or baking lab course.

##### MACH 110 BLUEPRINT READING

1 unit

Analysis of engineering and manufacturing technical drawings. Emphasis on visualizing and interpreting detailed drawings for mechanical components. Focus on generating, modifying, and interpreting key elements of blueprints, including; view representation, titleblocks, symbols, dimensions, geometric fits and tolerances. Total of 18 hours lecture.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

##### MACH 111 GEOMETRIC DIMENSIONING AND TOLERANCING

2 units

Analysis of functions and mating relationships in determining geometric dimensioning and tolerance. Continuation of the design of mechanical components using three-dimensional attributes of the component. Application of industry standards such as American Society of Mechanical Engineers (ASME) in solving engineering problems. Total of 18 hours lecture and 54 hours of laboratory.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

##### MACH 120 MASTERCAM

3 units

Basics of the MasterCam program including three MasterCam projects: mill, lathe, and solids. Part

creation, toolpath construction and verification of g-code, drilling, tapping, contouring, pocketing, circle milling, and slot milling. Total of 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

### MACH 130 CNC MILL MACHINING

3 units

Prerequisite: MACH 101.

Production of machining operations on CAM software to produce numerical control programming (GCode) in order to automate numerically controlled machinery (CNC). Topics include CAD, solid modeling, work piece set-up, toolpath generation, G&M Codes, machine set-up, contour, pocket and surface machining. Total of 27 hours lecture and 81 hours laboratory.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

### MACH 135 CNC LATHE MACHINING

3 units

Prerequisite: MACH 101.

Setup and operation of Computer Numerical Control (CNC) Lathes by explaining the components and functions of the CNC lathe. Includes cutting operations, variables in cutting tools used on the CNC lathe and associated toolholders. Toolpaths such as Facing, Roughing, Finishing, Drilling, Grooving, Canned Cycles, and Threading. Total of 27 hours lecture and 81 hours laboratory.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

### MACH 136 CNC LATHE MACHINING ADVANCED

3 units

Prerequisite: MACH 135.

Development of advanced student skills in the setup and operation of Computer Numerical Control (CNC) lathes by determining innovative programming methods, selecting proper work holding setups, using optimal tooling. Topics include CNC lathe manufacturing and practical applications, optimal CAM Code programming, advanced tool selection, and calculate tool motion for threads, tapers, roughing and finishing, and canned cycles. Total of 27 hours lecture and 81 hours laboratory.

Grade Mode: L, A

Rationale: This Course Proposal is in response to recommendations from the Machine Shop Advisory Board and Community Industry Partners to develop the Certificates being offered to better align Courses with Industry Standards and Employment Qualifications.

### ADDITION – Effective Summer 2020

#### MACHINE SHOP TECHNOLOGY – AS / Certificate of Achievement

The curriculum prepares students to work in the metal processing trades. Emphasis is on basic manufacturing principles. The program qualifies students to seek employment in the areas of instrumentation, mold making, tool and die general machining, industrial maintenance and research and development. The curriculum includes: basic manufacturing principles, technical mathematics including trigonometry, principles of metallurgy, quality assurance practices, tool design and



manufacturing, physics of metal processing, computer numerical control machining (CNC), principles and operations of the electro-discharge machine (EDM), and product design.

A Certificate of Achievement is awarded upon complete of all required courses with a grade of C or better.

Required Units in the Major: 18

Required Courses

MACH 101 - Beginning Metalworking Skills (3)

MACH 102 - Intermediate Metalworking Skills (3)

MACH 110 - Blueprint Reading (1)

MACH 111 - Geometric Dimensioning and Tolerancing (2)

MACH 120 - Mastercam (3)

MACH 130 - CNC Mill Machining (3)

MACH 135 - CNC Lathe Machining (3)

Rationale: This is the replacement certificate for the Machine Shop Technology Certificate that was Archived in 2018 due to the departments inability to offer all the course listing in the catalog. New courses are based on Advisement Board recommendation and Labor Market information.

MODIFICATION – catalog description, SLOs, SPOs, CCOs, MOIs, MOIs, assignments, text, addition of Form D, minimum qualifications – Effective Summer 2020

**BLDG 213 BUILDING CONSTRUCTION CODES AND STANDARDS**

3 units

Codes and standards enforced at the local, state, and federal levels in the building construction inspection field. Accessibility, earthquake mitigation, energy efficiency, and fire protection code and standard requirements for construction. Communication expectations of building construction codes and standards as an inspector. Total of 54 hours lecture.

Grade Mode: L, A

Rationale: In compliance with the review process at Pasadena City College and by the state of California, BLDG 213 has been reviewed and updated. It was previously approved by C&I in 2008. Students, preparing for careers in Construction Inspection take this course, or are required to by the Building Construction Inspection program. Modifications to SLOs, SPOs, CCOs, MOIs, MOIs, catalog description, assignments, and texts. Addition of Distance Ed Form. Minimum qualifications added.

MODIFICATION – MOIs, MOEs, Form D update, NCN decrease – Effective Summer 2020  
BUS 014B MATHEMATICAL ANALYSIS FOR BUSINESS-CALCULUS

4 units

Prerequisite: BUS 014A.

Techniques of calculus with emphasis placed on the application of these concepts to business and management related problems. Applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions are studied with special emphasis on system optimization, cost and revenue analysis, marginal analysis, elasticity, consumer and producers' surplus, and continuous flow of money problems. Total of 72 hours lecture.

Transfer Credit: CSU; UC. C-ID: MATH 140

Grade Mode: L

Rationale: The COR, the Prerequisite Form B Supplemental Form (update SPOs), and the Distance Learning Supplemental Form have been reviewed and updated where appropriate and according to Tech Review comments. The following changes have been made: 1) Registration capacity has been changed from 40 to 35 to better serve the students in the business math course. 2) Summer 2020 is the semester of first offering. 3) Language including PCC Connect has been added to the Distance Ed Form for Instructor to Student Contact. 4) The MOIs and MOEs have been edited to reflect the instruction and evaluation needed to complete the SLOs and SPOs and CCOs.

MODIFICATION – title, catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, recommended prep, text, TOP Code, NCN decrease, grade mode– Effective Summer 2020  
ELTY 248B ALTERNATING CURRENT CIRCUITS - PRINCIPLES AND APPLICATIONS

4 units

Prerequisite: ELTY 248A.

Fundamentals of alternating current including series and parallel AC circuits. Circuits with resistors, capacitors, and inductors are covered, both analytically and experimentally. Practical applications in electrical industries. Explanation of electrical codes, standards, terms and components. Hands-on laboratory assignments with state-of-the-art measurement instruments, test techniques and troubleshooting procedures. Instructional field trips. Total of 54 hours lecture and 54 hours laboratory.  
Grade Mode: L

Rationale: The content in the catalog course description is outdated and needs to be revised to match current job market needs. The topics are to be relevant for the current workplace. It needs to change the name to reflect the course content. The SPO's are currently not linked to the SLO's. It is to have grade mode, MOIs, MOEs, and resources. Modified sections: SLOs, SPOs, CCOs, Methods of Instruction, Methods of Evaluation of Student Performance, Assignments, Catalog Description, Recommended Preparation, Textbook, Course Title, TOP Code, Reduction in Class size (from 24 to 20), Grade Mode (from L, A, to L).

MODIFICATION – catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, grade mode, text, TOP code, SAM code – Effective Summer 2020

#### ELTY 248C ELECTRICAL POWER DISTRIBUTION SYSTEMS AND MACHINERY

4 units

Prerequisite: ELTY 248B.

Theory and application of electromagnetic interaction in power distribution systems and machinery for the electrical industry. Investigates the theory and applications of motors, generators, transformers, electromagnetic systems and their interaction in power distribution systems and machinery. Principles of AC/DC equipment installation, safety procedures, codes and standards. Hands-on laboratory experiments to develop knowledge and skills in electrical machinery. Required instructional trips. Total of 54 hours lecture and 54 hours laboratory.

Grade Mode: L

Rationale: This is a proposed modification to ELTY 248C includes an overall update to course content that has not been revised for several years. Modification to SLOs, SPOs, CCOs, grade mode, textbooks, addition of MOIs, MOEs, and modification of assignment. Modification of catalog description, TOP code, SAM code.

MODIFICATION – title, catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, NCN decrease – Effective Summer 2020

#### ETLY 248D PROGRAMMABLE LOGIC CONTROLLERS

4 units

Prerequisite: ELTY 248C.

Exploration of Programmable Logic Controllers for industrial machinery and processes. Hands-on laboratory assignments with state-of-the-art measurement instruments and troubleshooting concepts. Projects include 3-phase motor, parking lot and traffic Light. Required instructional trips. Total of 54 hours lecture and 54 hours laboratory.

Grade Mode: L

Rationale: Routine Course review to update SLOs, SPOs, CCOs, Methods of Instruction/evaluation, and assignments, catalog description. NCN from 24 to 20. Name of the course has been changed to reflect the above changes.

MODIFICATION – SPOs, SLOs, CCOs, text – Effective Summer 2020

ENGR 010 INTRODUCTION TO ENGINEERING

2 units

Exploration of different branches of engineering, industries, and functions of an engineer. Explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Students will practice developing communication skills pertinent to the engineering profession. Total of 18 hours lecture and 54 hours laboratory.

Transfer Credit: CSU; UC

Grade Mode: L, A

Rationale: Updating to align with C-ID ENGR 110. Modification to texts, CCOs, SLOs, SPOs.

MODIFICATION – SLOs, SPOs, CCOs, MOIs, MOEs, text – Effective Summer 2020

MACH 101 BEGINNING METALWORKING SKILLS

3 units

Beginning machine shop course focusing on operation, inspection, safety, and developing process plans for optimal metal removal. Introductory mill and lathe operations with layout work. Total 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: The Machine Shop is currently revising all courses and curriculum based on community and labor market needs and its advisory board recommendations. This proposal is also in response to the 2-year review cycle for CTE courses. The following changes have been made: 1) SLOs (Student Learning Outcomes); 2) SPOs (Student Performance Objectives); 3) CCOs (Course Content Outline); 4) Methods of Instruction; 5) Methods of Evaluation of Student Performance; 6) Book 1; Revised; 7) Book 2; Removed; 8) Book 3; Removed. In addition, all remaining curriculum sections were reviewed and it was determined that no further changes were required at this time.

MODIFICATION – SLOs, SPOs, CCOs, MOIs, MOEs, text – Effective Summer 2020

MACH 102 INTERMEDIATE METALWORKING SKILLS

3 units

Prerequisite: MACH 101.

Intermediate machine shop course focusing on operation, inspection, safety, and developing process plans for optimal metal removal. Intermediate mill and lathe operations with basic Computer Numerical Control and Computer-Aided Manufacturing. Total 36 hours lecture and 72 hours laboratory.

Grade Mode: L, A

Rationale: The Machine Shop is currently revising all courses and curriculum based on community and labor market needs and its advisory board recommendations. This proposal is also in response to the 2-year review cycle for CTE courses. The following changes have been made: 1) SLOs (Student Learning Outcomes); 2) SPOs (Student Performance Objectives); 3) CCOs (Course Content Outline); 4) Methods of Instruction; 5) Methods of Evaluation of Student Performance; 6) Book 1; Revised; 7) Book 2; Removed; 8) Book 3; Removed. In addition, all remaining curriculum sections were reviewed and it was determined that no further changes were required at this time.

## HEALTH SCIENCES

MODIFICATION – course prefix (from MA), catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, addition of Form D – Effective Summer 2020

### HLSC 113 HUMAN DISEASE

3 units

Examination of common medical conditions, diseases, and the disease process. Emphasis will be placed on documentation of symptoms, patient assessment, case management, including diagnostic tests indicated, treatment indicated, client teaching required and ways to validate a patients' understanding of their disease and treatment. Total of 54 hours lecture.

Grade Mode: L

Rationale: This is an introductory course that is required by many health science majors, not just those in the Medical Assisting program, and is taken as an introductory course for students who are considering health-related careers. We are reclassifying the subject code and number from medical assisting (MA 113) to a general subject code and number to include students entering any health-related major. The prerequisite MA 115 is being removed. We will also modify the SLOs, SPOs, CCOs, MOIs, MOEs, assignment, and catalog description. Form D will also be added.

MODIFICATION – course prefix (from MA), catalog description, recommended preparation (removed PYSO 100), SLOs, SPOs, CCOs, MOIs, MOEs, assignments, addition of Form D – Effective Summer 2020

### HLSC 115 MEDICAL TERMINOLOGY

3 units

Medical terminology with the prime objective of understanding the language of medicine, analyzing medical terms by dividing the terms into component parts (root words, prefix, suffix, and combining form to obtain a definition. Total of 54 hours lecture.

Grade Mode: L

Rationale: This is an introductory medical terminology course that is required by many health science majors, not just those in the Medical Assisting program, and is taken as an introductory course for students who are considering health-related careers. We are reclassifying the subject code and number from medical assisting (MA 115) to a general subject code and number to include students entering any health-related major. We will also modify the SLOs, SPOs, CCOs, MOIs, MOEs, assignment, and catalog description. Form D will also be added. Removal of recommended PYSO 100.

MODIFICATION – units (from 1 to 1.5), prerequisite (removal NURS 137, 138), contact hours (from 18 to 27 lecture), text – Effective Summer 2020

### NURS 040 MATERNAL NEWBORN NURSING

1.5 units

Prerequisites: NURS 050, 050L, 050S.

Corequisite: NURS 040L

Enrollment Limitations: Enrollment is limited by clinical availability.

Nursing theory and concepts to promote and maintain safe, developmentally appropriate, outcome-focused health care for culturally diverse maternal, newborn clients and their families. Integrate professional nursing roles of clinician, teacher, leader, and advocate while demonstrating critical

thinking and nursing process in the care of patient response to physiological and psychosocial health conditions of maternal and newborn clients. Total of 27 hours lecture.

Transfer Credit: CSU

Grade Mode: L, A

Rationale: Align SLOs with National Quality and Safety Education for Nurses (QSEN) standards of practice, across all levels of the nursing program, and with program outcomes. Update textbooks, contact hours (from 18 lecture to 27 lecture), prerequisites (remove NURS 137, 138), units (from 1 to 1.5)

MODIFICATION – units (from 5 to 4), catalog description, prerequisite (remove NURS 138), MOEs, text – Effective Summer 2020

**NURS 050L FOUNDATIONAL NURSING CARE LAB/CLINICAL**

4 units

Corequisites: NURS 050, NURS 050S, and NURS 137.

Enrollment Limitations: Admission into the Registered Nursing Program

Introduction to foundational nursing skills and clinical reasoning that integrates the concepts of patient-centered care, teamwork and collaboration, evidence-based practice, safety, informatics, and professionalism to the foundational nursing care of adult and geriatric patients. Total of 216 hours laboratory.

Transfer Credit: CSU

Grade Mode: P

Rationale: Last Revised and Approved: 11/10/2016 when the course was increased from 4 units to 5 units. Following analysis of the change, faculty did not find that the increase in hours contributed to increased student success in the course or increased proficiency in the clinical setting. Faculty would like to return this course to 4 units. This change will also help to decrease total program units from 39 units to 36 units as strongly recommended by the CA Board of Registered Nursing. Update textbooks, prerequisites (remove NURS 138), MOEs, texts, catalog description.

MODIFICATION – units (from 1 to 1.5), prerequisites (removal NURS 137, 138), enrollment limitation, contact hours (18 to 27 lecture), SLOs, text – Effective Summer 2020

**NURS 051A BEGINNING MEDICAL SURGICAL NURSING**

1.5 units

Prerequisite: All of the following - NURS 050, 050L, and 050S.

Corequisites: NURS 051L and NURS 051S.

Enrollment Limitations: Acceptance into the Registered Nursing Program.

Beginning nursing theory and concepts to promote and maintain a safe, developmentally appropriate, outcome-focused health care for culturally diverse adult and geriatric medical surgical patients.

Integrate professional nursing roles of clinician, teacher, leader, advocate while demonstrating critical thinking and nursing process in the care of patient response to physiological and psychosocial health conditions of adult and geriatric patients. Total of 27 hours lecture.

Transfer Credit: CSU

Grade Mode: L, A

Rationale: Increase units from 1 unit to 1.5 units. This will maintain the total theory units in the registered nursing program at 18 units. Contact hours (from 18 lecture to 27 lecture), prerequisites (remove NURS 137 and 138), SLOs, addition of enrollment limitation. Align SLOs with National Quality and Safety Education for Nurses (QSEN) standards of practice, across all levels of the nursing program, and with program outcomes. Update textbooks.

MODIFICATION – title, enrollment limitation, SLOs, MOIs, MOEs, CCOs, assignments, text – Effective Summer 2020

**NURS 053 ADVANCED MEDICAL SURGICAL NURSING OF ADULT AND PEDIATRIC CLIENTS**

3 units

Prerequisite: All of the following: NURS 052A, NURS 052S, NURS 052L.

Corequisites: NURS 053L and NURS 053S.

Enrollment Limitations: Enrollment is limited by clinical availability.

Advanced nursing theory and concepts to promote and maintain safe and effective health care with culturally diverse adult and pediatric clients. Integrate professional nursing roles while demonstrating nursing process and clinical judgment in the advanced care of patient response to physiological and psychosocial health conditions. Total of 54 hours lecture.

Transfer Credit: CSU

Grade Mode: L, A

Rationale: Merge N41 Pediatric Nursing into N53 Advanced Nursing to meet industry standards.

Decrease total program units from 39 units to 36 units to meet CA Board of Registered Nursing recommendations. Align SLOs with National Quality and Safety Education for Nurses (QSEN) standards of practice, across all levels of the nursing program, and with program outcomes.

Modification of MOIs, MOEs, CCOs, assignments, addition of enrollment limitation, course title, texts.

MODIFICATION – title, catalog description, SLOs, SPOs, MOIs, MOEs, CCOs, texts – Effective Summer 2020

NURS 053L ADVANCED MEDICAL SURGICAL NURSING OF ADULT AND PEDIATRIC CLIENTS -

LAB/CLINICAL

5 units

Corequisite: NURS 053

Enrollment Limitations: Enrollment is limited by clinical availability.

Application of advanced nursing concepts to promote and maintain safe and effective health care with culturally diverse adult and pediatric clients. Integrate professional nursing roles while demonstrating nursing process and clinical judgment in the advanced care of patient responses to physiological and psychosocial exemplars of health conditions. Pass/no pass grading. Total of 270 hours laboratory.

Transfer Credit: CSU

Grade Mode: A, P

Rationale: Merge N41L Pediatric Nursing into N53L Advanced Nursing to meet industry standards.

Decrease total program units from 39 units to 36 units to meet CA Board of Registered Nursing recommendations. Align SLOs with National Quality and Safety Education for Nurses (QSEN) standards of practice, across all levels of the nursing program, and with program outcomes.

Modification of MOIs, SLOs, SPOs, assignments, CCOs, catalog description, course title, texts.

Provide clinical experience for NURS 53 Advanced Medical-Surgical Nursing of Adult and Pediatric Clients.

MODIFICATION – total program units (from 39 to 36), course changes – Effective Summer 2020  
REGISTERED NURSING – AS / Certificate of Achievement

## NURSING PROGRAMS

### I. General admissions requirements for the Registered Nursing Programs:

The student must formally apply to the college and is encouraged to make an appointment to see a counselor before enrolling in nursing prerequisite courses.



The student must be a United States high school graduate or have a G.E.D. or equivalent. This is a BRN requirement and must be documented even when the student holds college degrees.

The student must have and maintain a current American Heart Association (AHA) CPR/Basic Life Support Card for health care providers and Nursing Malpractice Insurance while in a nursing program. Students who have completed previous college nursing course work and are requesting advanced placement must provide transcripts, a copy of course syllabi and/or catalog descriptions and a letter of clinical safety signed by previous Nursing Division Dean/Director. A petition for advanced placement must be filed in Student Services. If the petition is approved, an examination in theory and lab skills may be administered. A grade of C or better must be achieved on this examination.

## II. Other Requirements

Admission to and continuation in a nursing program requires the student to maintain a grade of C or better in all required nursing courses (prerequisites, requisites, and co-requisites).

Once accepted into a nursing program, the student is required to submit evidence of health documented by a recent physical examination (within the last year), with the required immunizations and/or titers. Students are expected to comply with the division's clinical uniform standards.

Students must provide their own transportation to all on- and off-campus clinical sites. Assignments are scheduled between the hours of 6:30 a.m. and 11:30 p.m. daily, including Sat and Sun.

Each nursing theory course must be taken concurrently with the corresponding nursing laboratory course, as per the Board of Registered Nursing requirements.

Nursing students must have the ability to communicate safely and effectively in a health care setting.

To enhance success in a nursing program, students who have English as a second language are encouraged to enroll in SPCH 003, 010 and MA 115.

The California Board of Registered Nursing and the California Board of Vocational Nurses and Psychiatric Technician Examiners are required to protect the public by screening applicants for licensure to identify potentially unsafe practitioners. The law provides for denial of licensure for crimes or acts which are related to nursing qualifications, functions and/or duties. Program applicants who have questions related to eligibility for licensure may contact the Health Sciences Division for referral to the appropriate licensing board.

## III. Selection of Students:

**ALL ELIGIBLE APPLICANTS WHO MEET THE ABOVE REQUIREMENTS AND COURSE PREREQUISITES WILL BE SELECTED ACCORDING TO THE FOLLOWING CRITERIA:**

### **BASIC RN PROGRAM**

1. English 001A, 001AH, or 001AS, Chemistry 002A, Microbiology 002. Anatomy 025, Physiology 001. Human Nutrition 011, Communication: Speech 001 or 001H, Psychology 024 Lifespan Development, Sociology 001, Statistics 050 or 050H

2. Students are allowed one readmission into the RN program following failure or withdrawal.

3. Transfer students. (See I.4.)

The Registered Nursing Program is accredited by the California Board of Registered Nursing: BRN, 400 R Street, Suite 4030, Sacramento, CA, 95814-6200, (916) 322-3350.

The Registered Nursing Program curriculum provides students the opportunity to seek licensure as an RN and employment in a variety of health care settings. Emphasis is placed on nursing theory and concepts to promote, maintain, and restore health in individuals with common and complex health problems throughout the life span. Additionally, the development and application of the nursing knowledge, skills, and attitudes needed to use the nursing process in the care of individuals is emphasized. Upon completion of the Registered Nursing curriculum, the student receives a Certificate of Achievement, an Associate Degree of Science, and is eligible to apply to take the National Council Licensing Examination Registered Nursing (NCLEX-RN) exam and if successful will qualify to receive a license from the Board of Registered Nursing to practice nursing in the State of California.

#### Required Courses

##### Prerequisites:

English 001A or 001AH or 001AS

Microbiology 002

Chemistry 002A

Anatomy 025

Physiology 001

Statistics 050 or 050H

Valid AHA CPR/Basic Life Support Card, Course, for health care provider.

#### Required non-nursing courses

Nutrition 011

Psychology 024

Speech 010 (preferred) or Speech 001 or 001H

Sociology 001

The Human Nutrition, Psychology across the Lifespan, Speech, and Sociology are required by the Board of Registered Nursing even when the student holds previous academic degrees.

It is recommended that the student complete as many of these non-nursing classes as possible prior to beginning the program.

#### THE FOLLOWING SEQUENCE MUST BE FOLLOWED:

These courses must be completed prior to taking the NCLEX-RN and licensure as required by the State of California Board of Registered Nursing:

Required Units in the Major: 36

Total Registered Nursing Program: 36 units; 18 units Nursing Theory and 18 units Nursing Clinical/Lab; 9 units each semester.

First semester: Nursing Theory 5 units, Nursing Clinical/Lab 4 units

Theory: Nurs 050 (3 units) and Nurs 050S (1 unit) and Nurs 137 pharmacology (1 unit). Clinical/Lab Nurs 050L (5 units to 4 units).

Second semester: Nursing Theory 5 units, Nursing Clinical/Lab 4 units

Theory: Nurs 040 (increase 1 unit to 1.5 units), Nurs 051A (increase 1 unit to 1.5 units), Nurs 051S (1 unit), Nurs 138 Pharmacology (1 unit), Nurs 041 (delete 1 unit of theory). Nursing Clinical/LAB Nurs 040L (2 units) and Nurs 051L (2 units), Nurs 041L (delete 2 units of clinical lab

Third semester: Nursing Theory 4 units, Nursing Clinical/Lab 5 units - no change

Theory: Nurs 042 (1 unit), Nurs 052A (2 units), Nurs 052S (1 unit). Nursing Clinical/LAB Nurs 042L (1.5 units) and Nurs 052L (3.5 units).

Fourth semester: Nursing Theory 4 units, Nursing Clinical/Lab 5 units - no change in units, the content will include Pediatric Nursing that was in Nurs 41/41L.

Theory: Nurs 053 (3 units), Nurs 053S (1 unit). Clinical/LAB Nurs 053L (5 units).

## Required Courses

### Semester I

NURS 050 - Foundational Nursing Care (3)

NURS 050L - Foundational Nursing Care Lab/Clinical (4)

NURS 050S - Foundational Nursing - Seminar (1)

NURS 137 - Foundational Pharmacology (1)

### Semester II

NURS 051S - Beginning Nursing - Seminar (1)

NURS 040 - Maternal Newborn Nursing (1.5)

NURS 040L - Maternal Newborn Nursing Lab (2)

NURS 051A - Beginning Medical Surgical Nursing (1.5)

NURS 051L - Beginning Medical Surgical Nursing Lab (2)

NURS 138 - Pharmacology: Process and Problems (1)

### Semester III

NURS 052S - Intermediate Nursing Care - Seminar (1)

NURS 052A - Intermediate Medical Surgical Nursing (2)

NURS 042L - Psychiatric Mental Health Nursing Lab (1.5)

NURS 042 - Psychiatric Mental Health Nursing (1)

NURS 052L - Intermediate Medical Surgical Nursing Lab (3.5)

### Semester IV

NURS 053S - Advanced Nursing Seminar (1)

NURS 053 - Advanced Medical-Surgical Nursing (3)  
NURS 053L - Advanced Medical-Surgical Nursing - Clinical (5)

#### Recommended Electives

CHEM 002A - Chemistry - General, Organic and Biochemistry (4)  
NURS 201 - Nursing Boot Camp (1.5)  
NURS 202 - Nursing Skills Enrichment (3)  
NURS 211 - Basic Cardiac Dysrhythmias (1)  
NURS 213 - Intravenous Therapy and Blood Withdrawal (1)  
MA 115 - Medical Terminology (3)  
GERO 001 - Introduction to Gerontology (3)  
GERO 022 - Directed Studies in Gerontology (3)  
GERO 140 - Applied Health Care Management in Gerontology (3)  
NURS 103 - Nursing Assistant (5)  
NURS 139 - Intermediate Clinical Pharmacology (2)

Rationale: The California Board of Registered Nursing (BRN) has notified all Associate Degree Registered Nursing Programs that students should be eligible for licensure after a total of 36 program units. The 36 program units must include 18 units of Nursing Theory and 18 units of Nursing Clinical/Lab.

Currently, the Pasadena City College (PCC) Registered Nursing Program has a total of 39 nursing units. The PCC RN program has 18 units of Nursing Theory and 21 units of Nursing Clinical/Lab. The RN program needs to delete 3 units of Nursing Clinical/Lab.

To meet the goal of 36 nursing program unit:

1. Nurs 050L will decrease from 5 units to 4 units of Clinical/Lab.
2. Nurs 041L (2 units) will be deleted from the nursing program as a separate course. The Nurs 041L Pediatric Content will be moved into fourth semester Nurs 053L. This change also moves Pediatric Content into a more advanced semester, as per industry standards.
3. Nurs 041 Pediatric Theory will be moved into fourth semester Nurs 053 To meet BRN requirements that nursing theory and nursing clinical be taught currently.
4. Nurs 041, 1 unit of theory will be split between two courses: Nurs 040 (an increase from 1 unit to 1.5 units) and Nurs 51A (an increase from 1 unit to 1.5 units). This will keep the total program theory units at 18 units.

## NATURAL SCIENCES

MODIFICATION – catalog description, SLOs, MOIs, MOEs, assignments, texts – Effective Summer 2020

### ANAT 110 DISSECTION ANATOMY

2 units

Prerequisite: ANAT 025.

Study of gross anatomy by dissection of a human cadaver with emphasis on musculature, brain, and organs of the thoracic and abdominal cavities. Total of 18 hours lecture and 54 hours laboratory.

Grade Mode: L, A, P

Rationale: The modes of assessment have been changed and SLO's have been rewritten for clarity. Modification to MOIs, MOEs, assignments, catalog description, update texts.

MODIFICATION – catalog description, MOIs, MOEs, texts – Effective Summer 2020

### GEOG 012 MAP INTERPRETATION AND SPATIAL ANALYSIS

3 units

Prerequisite: GEOG 011.

Further develop Geographic Information Systems skills through learning new spatial analysis techniques, including Geoprocessing, attribute analysis, spatial statistics, network analysis, surface modeling, basic python scripting, and data interpolation. This course focuses on using geographic methods to answer questions and solve problems. Total 36 hours lecture and 54 hours laboratory.

Transfer Credit: CSU; UC

Grade Mode: L, A

Rationale: Modifications to MOIs, MOEs, texts, catalog description.

MODIFICATION – texts – Effective Summer 2020

### GEOG 030 FIELD STUDIES AND METHODS IN GEOGRAPHY

1 unit

Recommended Preparation: GEOG 001.

Field studies of the geography of selected regions. Physical and cultural processes, characteristics and landscapes will be observed and analyzed. Specific physical and cultural content will vary by geographic region. Required instructional trips. Total of 18 hours lecture and 18 hours laboratory.

Transfer Credit: CSU. \*C-ID: GEOG 160

Grade Mode: L, A, P

Rationale: This course has been reviewed, and the textbook updated.

## SOCIAL SCIENCES

MODIFICATION – title, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, texts – Effective Summer 2020

### ANTH 020 ARCHAEOLOGY OF THE ANCIENT WORLD

3 units

Introduction to the origins and development of human culture, from the beginning of tool use to the rise of civilization and the origins of the modern state. An archaeological exploration of some of the most prominent ancient sites and civilizations from both the Old and New Worlds. Topics include early tool use, the domestication of plants and animals, the emergence of metallurgy, advent of writing, early village life, and rise of complex social and political systems (civilizations). Total of 54 hours lecture.

Transfer Credit: CSU; UC credit under review.

Grade Mode: L, A, P

Rationale: The primary purpose of this modification is to: (1) change the course title, and (2) refine the SLOs. We wish to change the title from Origins of Civilization to Archaeology of the Ancient World to provide students with a clearer idea of the archaeological nature of the course and to remove the outdated “civilization” reference. The course goals and curricular focus remain the same, despite the requested name change. Additional edits were made to update the COR to current expectations, and include refining the SPO, course content, and assignment areas, updating the textbooks, and adding content to sections that were not required at the time the course was introduced (e.g., methods of instruction and evaluation). Modifications made: course title, SLOs, SPOs, CCOs, methods of instruction, methods of evaluation, assignments, and textbooks.

MODIFICATION – SLOs, SPOs, MOIs, MOEs, assignments, texts – Effective Summer 2020

ANTH 031 MEXICAN AND CHICANO CULTURE

3 units

Analysis of Mexican-American culture and society; religion, political interests, economy, customs, institutions; cultural adaptation of the Mexican-American to the dominant culture. Total of 54 hours lecture.

Transfer Credit: CSU; UC

Grade Mode: L, A, P

Rationale: Course Updates - Revisions made to SLOs, SPOs, Methods of Evaluation, Methods of Instruction, Assignments, Books

MODIFICATION – catalog description, CCOs, MOIs, MOEs, assignments, Form D – Effective Summer 2020

CHDV 010 PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN

3 units

Examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments. Emphasis on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood education programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. Total of 54 hours lecture.

Transfer Credit: CSU. C-ID: ECE 120

Grade Mode: L, P

Rationale: This is a 2-year review update. Textbook publication date confirmed. Course connected to updated Certificates of Achievement. CCO's updated. Methods of Instruction and Methods of Evaluation, Assignments updated. Catalog description updated. Updated Form D.

MODIFICATION – title, catalog description, SLOs, CCOs, MOEs, assignments – Effective Summer 2020

### CHDV 113 HOME VISITING IN EARLY INTERVENTION

3 units

Prerequisites: CHDV 010 and CHDV 035.

Overview of the basics required for an early intervention assistant to effectively provide services to a child (Birth to three years of age) with a disability and the family in the home environment.

Philosophies regarding early intervention services in the home. Topics include the diversity of environments, family systems and interpersonal communication styles. Additional topics provide support relating to personal organization and preparation for the visits, collaboration with other professionals, infant mental health and developing appropriate home-based interventions for the child and family. Total of 54 hours lecture.

Grade Mode: L, A

Rationale: This course will be a core requirement for students wishing to receive a new Certificate of Achievement in Early Intervention, as well as to serve the needs of infants and toddlers with disabilities both in the Early Intervention setting and in the General Education Child Care setting. Two-year review update. Title updated. SLO, CCO, MOE updated. Assignments and Catalog Description updated. Textbook publication dates confirmed.

MODIFICATION – SPOs, CCOs, MOIs, MOEs – Effective Summer 2020

CHDV 114 EARLY INTERVENTION

3 units

Prerequisite: CHDV 010 and CHDV 011.

Study of infants and toddlers with disabilities, atypical development or other special needs, both in the early intervention setting and in the child care setting. Explores strategies and interventions used in the field of early intervention. Current theories in early intervention, early relationships, family systems, grief processing and stressors will be studied. Total of 54 hours lecture.

Grade Mode: L, A

Rationale: 2-year review update. Certificate aligned with course; textbook edition is latest available. CCO's updated, MOI's updated, MOE's updated, modification to SPOs.

MODIFICATION – MOEs, texts – Effective Summer 2020

CHDV 118 LANGUAGE AND LITERACY IN EARLY CHILDHOOD

3 units

Introduction and survey of the range and stages of language and literacy development theories, practices and activities that support young children's emerging language and literacy skills, birth through age 8. Total of 54 hours lecture.

Grade Mode: L, A

Rationale: 2-year Review; updated Certificate associated with course; add classic to field for textbooks. MOE updated.

MODIFICATION – texts – Effective Summer 2020

CHDV 122 PRACTICUM IN EARLY INTERVENTION/SPECIAL EDUCATION

2 units

Prerequisite: CHDV 030.

Corequisite: CHDV 122F

Preparation for teaching basic academic and life processes skills to students with disabilities. Theory and practice includes the basic principles of educational and developmental psychology; the art of observing, teaching and guiding young children; planning and administration of developmentally appropriate inclusive educational activities; school safety and health issues; and the social and emotional foundations of early care and education. No credit if taken after SET 122. Total of 36 hours lecture.

Grade Mode: L

Rationale: 2-year review. Update to textbook. Certificates aligned with course updated.

MODIFICATION – catalog description, enrollment limitations, SLOs, SPOs, CCOs, MOIs, MOEs – Effective Summer 2020

EDUC 020 INDEPENDENT STUDY

1 unit

Enrollment Limitation: Permission of Division Dean.

Faculty-guided independent research or inquiry study in the field of education; research techniques; written report and presentation; focus on working with diverse student populations. Total of 54 hours laboratory.



Transfer Credit: CSU

Grade Mode: A, P

Rationale: This course revision addresses the changing and evolving educational landscape. The revised SLO's focus on exploring educational theory and teacher practices for diverse student populations (culturally and linguistically diverse students, students with diverse abilities, etc.).

Modification to SLOs, Addition of Enrollment Limitations, CCOs, SPOs, Assignments, MOIs, MOEs, catalog description.

MODIFICATION – prerequisite/enrollment limitations, SLOs, SPOs, MOIs MOEs, CCOs, assignments – Effective Summer 2020

HUM 020 INDEPENDENT STUDY

1 unit

Enrollment Limitation: Permission of Division Dean.

Individual projects; research techniques; written reports. Total of 54 hours laboratory.

Transfer Credit: CSU.

Grade Mode: L, A

Rationale: Modification of SLOs, SPOs, MOIs MOEs, CCOs, assignments, changed prerequisite to permission of division dean.

MODIFICATION – catalog description, SLO's, SPO's, CCOs, MOIs, MOEs, assignments – Effective Summer 2020

PSYC 020 INDEPENDENT STUDY

1 unit

Prerequisite: One semester of Psychology.

Enrollment Limitation: Permission of Division Dean.

Laboratory research projects; library research; design and construction of research equipment; experiments; written reports. Total of 54 hours laboratory.

Transfer Credit: CSU

Grade Mode: L, A, P

Rationale: Modification of SLO's, SPO's, CCOs, MOIs, MOEs, Assignments. Removed UC credit limitation from catalog description.

ADDITION – Effective Summer 2020

Associate in Arts in Child and Adolescent Development for Transfer Degree

The Associate in Arts in Child and Adolescent Development for Transfer degree is designed to prepare students with a strong academic foundation necessary for pursuing studies at the California State Universities (CSUs) in majors that may include Child and Adolescent Development, Psychology (some CSUs), Early Childhood Studies, Human Development, Elementary Subject Matter Teacher Preparation (some CSUs), Adolescent Development, Family Studies, Family and Consumer Sciences and Humanities. Student's completing this interdisciplinary degree learn the process of change and growth that characterize Human Development from conception to adolescence, preparing them to pursue employment in the Human Services, Health and Education fields; including, but not limited to: Child and Adolescent care and education, special education, child and adolescent health and a variety of youth related social service careers. Students who complete the degree will be ensured preferential transfer status to CSUs. The degree requirements will fulfill the lower division major requirements at many CSUs. Students are advised, however, to meet with a counselor to assess the course requirements for specific CSUs and to validate which CSUs are considered local.

Associate Degree for Transfer Requirements

- 60 semester or 90 quarter CSU-transferable units.
- the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district.
- attainment of a minimum grade point average (GPA) of 2.0.
- earn a grade of C or better in all courses required for the major or area of emphasis.

PLEASE NOTE: The courses that universities and colleges require for transfer vary. When selecting courses for transfer purposes, students should consult with Counseling Services to determine the particular transfer requirements of specific institutions.

## Program Requirements

### REQUIRED CORE – 9 units

PSYC 021 – Developmental Psychology: The Child (3)  
 or PSYC 021H – Honors Developmental Psychology: The Child (3)  
 PSYC 001 – Introductory Psychology (3)  
 or PSYC 001H – Honors Introductory Psychology (3)  
 STAT 050 – Elementary Statistics (4)  
 or STAT 050H – Honors Elementary Statistics (4)  
 or STAT 015 – Statistics for Business and Economics (4)  
 or STAT 018 – Statistics for Behavioral and Social Sciences (4)

### LIST A: Select three (9 units)

ANTH 002 – Cultural Anthropology (3)  
 or ANTH 002H – Honors Cultural Anthropology (3)  
 or SOC 001 – Introductory Sociology (3)  
 or SOC 014 – Introduction to Ethnic Studies (3)  
 or CHDV 015 – Child, Family and Community (3)  
 or SOC 024 – Marriage and The Family (3)  
 PSYC 024 – Lifespan Developmental Psychology (3)  
 BIOL 011 – General Biology (4)  
 or BIOL 011H – General Biology (4)

### Select two maximum (3 – 6 units)

CHDV 010 – Principles and Practices of Teaching Young Children (3)  
 CHDV 011 – Infant and Toddler Development (3)  
 CHDV 013A – Practicum in Child Development (2)  
 CHDV 013B – Practicum in Child Development (2)  
 CHDV 014 – Observation and Assessment of Young Children (3)  
 CHDV 016 – Health, Safety and Nutrition (3)  
 CHDV 017 – Teaching Children in a Diverse Society (3)  
 CHDV 020 – Introduction to Curriculum Planning (3)  
 HED 044 – Health Education (3)  
 NUTR 011 – Human Nutrition (3)

REQUIRED SUBTOTAL	19-20 units
CSU General Education of IGETC Pattern	37-29 units
DEGREE TOTAL	60 units

## VISUAL ARTS AND MEDIA STUDIES

MODIFICATION – SLOs, SPOS, CCOs, MOIs, assignments, text, grade mode – Effective Summer 2020

### ART 020A BEGINNING PAINTING

3 units

Prerequisite: Enrollment in or completion of ART 011A.

Introduction to principles, elements, and practices of painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Total of 36 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC. C-ID: ARTS 210

Grade Mode: L

Rationale: It has been four years since this course was updated. The C and I rep for my department brought to my attention that the SPOs needed to be revised. EMP, SLOs (minor edit), SPOS, CCOs, Methods of Instruction, Assignments, and Text have also been adjusted. Grade Mode changed to letter grade only.

MODIFICATION – title, catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments, text – Effective Summer 2020

### ART 020C ADVANCED PAINTING

3 units

Prerequisite: ART 020B.

Development of a series of paintings related by form and content for exhibition or portfolio. Synthesis of formal and conceptual issues in painting. Aim to distinguish an individual artistic voice in preparation for transfer. Total of 36 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC

Grade Mode: L

Rationale: It has been 12 years since this course was updated. Changed Course Title, EMP, SLOs, SPOs, CCOs, Methods of Instruction, Methods of Evaluation of Student Performance, Assignments, Catalog Description, Text, Additional Resources Needed, Facilities Needed to Teach this Course, Equipment Needed to Teach this Course.

MODIFICATION – catalog description, SLOs, SPOs, CCOs, MOIs, MOEs, assignments – Effective Summer 2020

### ART 022C ADVANCED WATERCOLOR PAINTING

3 units

Prerequisite: ART 022B

Individualized project-based exploration of technical and aesthetic aspects of watercolor painting. Total of 36 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC

Grade Mode: L, A

Rationale: This course has not been updated for 12 years. Updated SLOs, SPOs, CCOs, MOIs, MOEs, Assignments, catalog description.