

Cañada College Office of Instruction

2020 - 2021 Curriculum Board Reports

To view a specific Board Report, click on its hyperlink listed below:

1. Board Report	NO. 20-10-1CA October 28, 2020
2. Board Report	NO. 20-11-1CA November 18, 2020
3. Board Report	NO. 20-12-1CA December 14, 2020
4. Board Report	NO. 21-1-1CA January 27, 2021
5. Board Report	NO. 21-2-1CA February 24, 2021
6. Board Report	NO. 21-3-1CA March 24, 2021
7. Board Report	NO. 21-4-1CA April 28, 2021
8. Board Report	NO. 21-5-1CA May 12, 2021
9. Board Report	NO. 21-6-1CA June 23, 2021

San Mateo County Community College District

October 28, 2020

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
APPROVED BY:	Lisa Palmer, Curriculum Committee Chair

Cañada College

Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

KINESIOLOGY, ATHLETICS AND DANCE: FITNESS

308.1 HIKING AND TREKKING FOR FITNESS I (1.00) (day or evening)

<u>Justification</u>: Hiking and trekking for fitness provides students the ability to learn about basic fitness principles via hiking trails in the areas they live. With nearly one thousand hiking trails in the bay area alone, students would be introduced to new trails and opportunities to exercise near campus and their homes. The class is a core course for the AA and AA-T in Kinesiology degree.

Prerequisite: None.

Recommended Preparation: None.

<u>Description</u>: Introduction to the cardiovascular and fitness related benefits of hiking and trekking. A fitness course for the outdoor enthusiast, classes are conducted on local Bay Area trails.

Classification: AA/AS Degree; CSU transferable.

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

ARCHITECTURE

110 Interior Architectural Drafting

ART

101 Ancient, Classical and Medieval Art History

- 102 Late Medieval, Renaissance and Baroque Art History
- 103 History of Art from the Baroque Period to Post-Impressionism
- 104 History of Modern Art
- 204 Drawing I
- 207 Life Drawing
- 213 Life Drawing II
- 214 Color
- 221 Painting I
- 222 Painting II

ASTRONOMY

- 100 Introduction to Astronomy
- 101 Astronomy Laboratory

BIOLOGICAL SCIENCES

- 230 Cell and Molecular Biology
- 240 General Microbiology
- 250 Human Anatomy
- 260 Human Physiology

CHEMISTRY

- 192 Elementary Chemistry
- 231 Organic Chemistry I
- 232 Organic Chemistry II
- 410 Chemistry for Health Sciences

COMPUTER SCIENCE

122 Introduction to Programming: Python

COOPERATIVE EDUCATION

670 Cooperative Education/Work Experience

DIGITAL ART & ANIMATION

- 314 Introduction to Computer Graphics
- 325 Digital Painting
- 362 Introduction to Digital Photography
- 363 Advanced Digital Photography
- 366 Color Management and Theory
- 371 User Interface/User Experience Design
- 372 Digital Illustration
- 376 Introduction to Digital Imaging
- 378 Digital Page Layout
- 379 Introduction to Digital Animation
- 380 Advanced Digital Animation

- 385 Coding for Designers and Artists
- 390 Portfolio Creation
- 400 Motion Graphics
- 405 Storyboard Development for Animation and Interactive Media
- 416 Drawing for Animation
- 417 Principles of Animation
- 420 Introduction to 3D Modeling and Animation
- 421 Advanced 3D Modeling and Animation
- 422 Introduction to Rigging
- 424 3D Animation Fundamentals
- 425 Advanced 3D Animation
- 431 Special Effects and Compositing
- 432 3D Environments and Hard Surface Modeling
- 433 Advanced Special Effects and Compositing
- 441 Introduction to Video Game Design
- 447 3D Level Design
- 450 Collaborative Game Production
- 451 Rapid Game Development
- 452 Advanced Game Design
- 455 Indie Game Development & Entrepreneurship

ECONOMICS

230 Economic History of the United States

EDUCATION AND HUMAN DEVELOPMENT - EARLY CHILDHOOD EDUCATION

- 333 Observation and Assessment of Young Children
- 366 Practicum in Early Childhood Education

ENGINEERING

261 Circuits and Devices Laboratory

ENGLISH

105 Intensive Composition and Reading

ENGLISH AS A SECOND LANGUAGE

- 400 Composition for Multilingual Students
- 800 ESL Preparatory Course
- 808 Intensive Grammar Review
- 836 English Pronunciation
- 837 Intermediate Vocabulary Development
- 911 Reading and Listening-Speaking I
- 912 Reading and Listening-Speaking II
- 913 Reading and Listening Speaking III
- 914 Reading and Listening Speaking IV
- 921 Grammar and Writing I

- 922 Grammar and Writing II
- 923 Grammar and Writing III
- 924 Grammar and Writing IV

ENVIRONMENTAL SCIENCE

101 Environmental Science Laboratory

FASHION DESIGN AND MERCHANDISING

- 100 Principles of Design
- 110 Beginning Clothing Construction
- 111 Techniques of Fit
- 113 Textiles
- 114 Travel Study: Introduction to Italian Fashion
- 115 Intermediate Clothing Construction
- 116 Tailoring
- 118 Flat Pattern
- 122 Advanced Tailoring
- 123 Introduction to the Fashion Industry
- 132 Trouser Construction
- 133 Copying Ready-to-Wear
- 134 Beginning Millinery
- 140 Basic Serging
- 146 Designer Techniques in Sewing
- 150 History of Fashion
- 151 Fashion Merchandising
- 162 Advanced Flat Pattern
- 163 Pattern Grading
- 164 Fashion Illustration
- 167 The Custom Dress Form
- 168 Fashion Draping
- 169 Evening Gown Construction
- 170 French Pattern Drafting
- 171 Pants Drafting
- 172 Bustier
- 173 Lingerie Design and Construction
- 175 Advanced Illustration
- 178 Computerized Pattern Grading
- 180 Computerized Pattern Design
- 195 Portfolio Development
- 196 Introduction to the Costume Industry
- 197 Pattern Design for Historic Costume
- 199 Costuming for Theatrical Production
- 225 Apparel Analysis
- 226 Visual Merchandising and Display
- 672 Cooperative Education: Internship
- 695 Independent Study

HUMAN SERVICES

672 Cooperative Education: Internship

INTERIOR DESIGN

- 115 Introduction to Interior Design
- 126 Critical Thinking for Interior Designers
- 128 Presentation Techniques
- 148 Color and Design
- 150 History of Interiors I
- 151 History of Interiors II
- 175 Space Planning and Design
- 250 Professional Practices for Interior Designers
- 260 Overview of Lighting Design
- 272 Kitchen and Bath Design
- 276 Advanced Kitchen and Bath Design
- 300 Studio I: Home Staging
- 357 Kitchen and Bath Systems
- 360 CAD Applications for Interior Designers
- 361 Chief Architect for Interior Designers
- 367 3D Modeling SketchUp for Interior Designers
- 400 Principles of Sustainable Design
- 450 Materials and Finishes
- 672 Cooperative Education: Internship

KINESIOLOGY, ATHLETICS AND DANCE: AQUATICS

127.2 Swim Stroke Development II

KINESIOLOGY, ATHLETICS AND DANCE: DANCE

- 121.1 Contemporary Modern Dance I
- 121.2 Contemporary Modern Dance II
- 121.3 Contemporary Modern Dance III
- 121.4 Contemporary Modern Dance IV
- 125.1 Salsa I
- 130.1 Jazz Dance I
- 130.2 Jazz Dance II
- 130.3 Jazz Dance III
- 130.4 Jazz Dance IV
- 140.1 Ballet I
- 140.2 Ballet II
- 140.3 Ballet III
- 140.4 Ballet IV
- 150.1 Hip Hop I
- 150.2 Hip Hop II
- 150.2 Hip Hop II 150.3 Hip Hop III
- 150.4 Hip Hop IV
- 150.4 Пр пор Гу
- 400.1 Dance Performance and Production I

- 400.2 Dance Performance and Production II
- 400.3 Dance Performance and Production III
- 400.4 Dance Performance and Production IV
- 672 Cooperative Education: Internship

KINESIOLOGY, ATHLETICS AND DANCE: FITNESS

- 112 Cross-Training
- 117 Fitness Assessment, Strength and Conditioning
- 118 Beginning Fitness Center
- 119 Intermediate Fitness Center
- 122 Total Body Burn
- 128.1 Core Strength and Functional Training I
- 128.2 Core Strength and Functional Training II
- 152 Basketball Conditioning
- 153 Soccer Conditioning
- 154 Volleyball Conditioning
- 210 Varsity Weight Conditioning
- 235 Boot Camp
- 332.1 Flexibility and Stretching I
- 332.2 Flexibility and Stretching II
- 334.1 Yoga I
- 334.2 Yoga II
- 334.3 Yoga III
- 334.4 Yoga IV
- 335.1 Pilates I
- 335.2 Pilates II
- 335.3 Pilates III
- 335.4 Pilates IV

KINESIOLOGY, ATHLETICS AND DANCE: INDIVIDUAL SPORTS

- 121.1 Badminton I
- 121.2 Badminton II
- 160.1 Golf I
- 160.2 Golf II
- 160.3 Golf III
- 160.4 Golf IV
- 251.1 Tennis I
- 251.2 Tennis II
- 251.4 Tennis IV

KINESIOLOGY, ATHLETICS AND DANCE: TEAM SPORTS

- 105 Advanced Baseball
- 111.1 Basketball I
- 111.2 Basketball II
- 111.3 Basketball III
- 111.4 Basketball IV
- 141.1 Soccer I

- 141.2 Soccer II
- 141.3 Soccer III
- 141.4 Soccer IV
- 148.2 Indoor Soccer II
- 148.4 Indoor Soccer IV
- 171.1 Volleyball I
- 171.2 Volleyball II
- 171.3 Volleyball III
- 171.4 Volleyball IV
- 183 Golf: Skill Development
- 184 Soccer: Skill Development and Conditioning
- 185 Expert Volleyball Training
- 186 Basketball: Individual Skill Development
- 187 Tennis: Skill Development and Conditioning

KINESIOLOGY, ATHLETICS AND DANCE: VARSITY SPORTS

- 104 Varsity Baseball
- 114 Varsity Basketball
- 140 Varsity Golf
- 154 Varsity Soccer
- 170 Varsity Tennis
- 300 Varsity Basketball: Women
- 340 Varsity Women's Volleyball
- 350 Women's Varsity Badminton
- 400 Women's Varsity Water Polo

LEARNING CENTER

- 823 Grammar Trouble Spots II
- 840 Vocabulary Improvement I
- 841 Vocabulary Improvement II
- 842 Vocabulary Improvement III
- 843 Vocabulary Improvement IV

LITERATURE

- 441 Survey of Film
- 442 Film Study and Appreciation

MATHEMATICS

- 190 Path to Statistics
- 225 Path to Calculus
- 241 Business Calculus I
- 243 Business Calculus II with Trigonometry
- 270 Linear Algebra
- 275 Ordinary Differential Equations
- 800 Just-In-Time Support for Elementary Probability and Statistics
- 811 Pre-Algebra

- 825 Just-In-Time Support for Path to Calculus
- 841 Just-In-Time Support for Business Calculus I

MEDICAL ASSISTING

- 100 Introduction to Medical Assisting
- 110 Medical Terminology
- 115 Introduction to Electronic Health Record
- 120 Clinical Procedures I
- 121 Clinical Procedures II
- 140 Implementation of Electronic Health Record
- 150 Medical Office Procedures
- 160 Medical Insurance Procedures
- 164 CPT (Current Procedural Terminology) Beginning Coding
- 165 CPT (Current Procedural Terminology) Intermediate Coding
- 166 CPT (Current Procedural Terminology) Advanced Coding
- 167 ICD (International Classification of Diseases)-10-CM (Clinical Modification) Beginning Coding
- 168 ICD (International Classification of Diseases)-10-CM (Clinical Modification) Intermediate Coding
- 169 ICD (International Classification of Diseases)-10-CM (Clinical Modification) Advanced Coding
- 190 Introduction to Pharmacology
- 672 Cooperative Education: Internship

MUSIC

- 215 Music, Culture and History
- 301 Piano I
- 302 Piano II
- 303 Piano III
- 304 Piano IV
- 371 Guitar I
- Guitar II
- 373 Guitar III
- 374 Guitar IV

OCEANOGRAPHY

101 Oceanography Lab

PARALEGAL STUDIES

672 Cooperative Education: Internship

PHYSICS

- 210 General Physics I
- 220 General Physics II
- 250 Physics with Calculus I

- 260 Physics with Calculus II
- 270 Physics with Calculus III
- 405 Applied Radiographic Physics

RADIOLOGIC TECHNOLOGY

- 400 Orientation to Radiologic Technology
- 408 Perspectives in Radiology
- 410 Radiographic Positioning
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- 440 Advanced Imaging Modalities & Specialized Procedures
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- 442 Radiographic Pathology
- 450 Registry Review
- 470 Specialized Techniques: Mammography
- 471 Specialized Techniques: Fluoroscopy
- 474 Venipuncture for Contrast Media Administration

SOCIOLOGY

141 Ethnicity and Race in Society

SPANISH

- 110 Elementary Spanish
- 111 Elementary Spanish I
- 112 Elementary Spanish II
- 120 Advanced Elementary Spanish
- 121 Advanced Elementary Spanish I
- 122 Advanced Elementary Spanish II
- 131 Intermediate Spanish I
- 132 Intermediate Spanish II
- 140 Advanced Intermediate Spanish
- 145 Spanish Conversation through Film
- 150 Spanish for Heritage Speakers I
- 152 Spanish for Heritage Speakers II
- 162 Latino Literature II

THEATER ARTS

- 200 Acting I: Acting For the Stage and the Camera
- 233 Introduction to New Play Development
- 300.1 Rehearsal and Performance I
- 300.2 Rehearsal and Performance II
- 300.3 Rehearsal and Performance III
- 300.4 Rehearsal and Performance IV
- 695 Independent Study

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101 Oceanography Lab

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- 474 Venipuncture for Contrast Media Administration

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141 Ethnicity and Race in Society

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- 300.3 Rehearsal and Performance III
- 300.4 Rehearsal and Performance IV
- 695 Independent Study

PROPOSED PROGRAM MODIFICATIONS - CAÑADA COLLEGE

THEATER ARTS

Theatre Arts – AA Degree Program Theatre Arts – Associate in Arts Degree for Transfer

KINESIOLOGY, ATHLETICS AND DANCE: DANCE

Dance – AA Degree Program

KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY

Kinesiology – AA Degree Program Kinesiology – Associate in Arts Degree for Transfer San Mateo County Community College District

November 18, 2020

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction
	Cañada College

APPROVED BY: Lisa Palmer, Curriculum Committee Chair Cañada College

> Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR DELETIONS – CAÑADA COLLEGE

DIGITAL ART & ANIMATION

680CL ADVANCED 3D ANIMATION

Justification: This experimental course was replaced by MART 425 as a permanent course.

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

BIOLOGICAL SCIENCES

- 110 Principles of Biology
- 132 Human Biology Laboratory
- 225 Biology of Organisms

ENGLISH

847 Accelerated Academic Reading and Writing

LEARNING CENTER

- 100 Effective Tutoring and Practicum
- 139 The Research Paper from A to Z
- 140 Professional Writing
- 698 Supervised Tutoring/Academic Assistance

LITERATURE

200 American Literature

MUSIC

202	Music Appr	reciation
	1.1	

240 Music of the Americas

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

BIOLOGICAL SCIENCES

- 110 Principles of Biology
- 132 Human Biology Laboratory
- 225 Biology of Organisms

ENGLISH

847 Accelerated Academic Reading and Writing

LEARNING CENTER

- 100 Effective Tutoring and Practicum
- 139 The Research Paper from A to Z
- 140 Professional Writing
- 698 Supervised Tutoring/Academic Assistance

LITERATURE

200 American Literature

MUSIC

- 202 Music Appreciation
- 240 Music of the Americas

PROPOSED DEPARTMENT ADDITIONS - CAÑADA COLLEGE

FUNERAL SERVICE EDUCATION (FSE.)

For nearly two years now, our Director of Workforce Development and our Biology discipline faculty have been researching and collecting data on the feasibility of a Funeral Science program that prepares students to be Funeral Service Education experts. Currently, there is no such program in the region and only two in the state of California – in Los Angeles and Sacramento. We see this as a real workforce development opportunity for Cañada College students, faculty, and the community. Additionally, the workforce demands and Labor Market data suggest an increasing need for Funeral Service Education professionals in the immediate region.

The Dean of Science and Technology, the Office of Instruction, the President's Cabinet, and the Instructional Planning Council have consulted about the viability of such a program at Cañada College. Additionally, the college has stable funding to support the development of this program and the necessary

curriculum development through Strong Workforce funding. Julian Branch, the Director of Workforce Development with the support of the tri-chair committee, has allocated annual funding for the program.

The new department code (FSE.) will be used to create courses that will be part of an Associate of Science Degree in Funeral Service Education.

PROPOSED DEPARTMENT DELETIONS – CAÑADA COLLEGE

MORTUARY SCIENCE (MORT)

The title Mortuary Science is antiquated; additionally, the request is to be consistent with the discipline's accrediting agency, the American Board of Funeral Service Education (ABFSE).

San Mateo County Community College District

December 14, 2020

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
APPROVED BY:	Lisa Palmer, Curriculum Committee Chair Cañada College
	Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

FUNERAL SERVICE EDUCATION

200 INTRODUCTION TO FUNERAL SERVICE (2.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE - History of Funeral Directing and Embalming outline, and provides the student with an understanding of the concept of memorialization through history and the development of the funeral service industry in the United States. Additionally, the student is introduced to career opportunities available to graduates of the Funeral Service Education Program. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: Survey of the history of the funeral service industry and a comprehensive overview of the field of funeral service. Students learn the role and skills of the funeral service practitioner. This course provides insight into the funeral service industry and the career opportunities available.

Classification: AA/AS Degree; CSU transferable.

210 FUNERAL DIRECTING I (3.00) (day or evening)

<u>Justification</u>: The American Board of Funeral Service as described in the ABFSE Funeral Directing outline requires the course content. It provides the student with an understanding of the role of the funeral director, funerals for different demographics, types of family systems, the responsibility of the

funeral director, time frames associated with funerals and documents used in association with funerals. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 220.

Prerequisite: FSE. 200, and acceptance into the Funeral Service Program.

Recommended Preparation: None.

<u>Description</u>: This course introduces the general practices of funeral directing. It focuses on the sociological phenomena that affect all the elements of funeral service including cultural differences, family structures, and factors of change that relate to funeralization. It also includes notification of death, transfer and disposition of bodies, arrangement conferences, pre-planned funerals, and post-arrangement follow-up.

Classification: AA/AS Degree; CSU transferable.

212 FUNERAL SERVICE SCIENCE (5.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in several ABFSE curriculum outlines including Embalming, Chemistry, Pathology, Microbiology and Anatomy. This course will provide the student with an overview of the postmortem conditions associated with various pathologies and microorganisms as factor of embalming human remains. This includes the used of the anatomical structures to distribute preservative/disinfecting chemicals. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 210.

Prerequisite: BIOL 240, BIOL 250, CHEM 410, FSE. 200, and acceptance into the Funeral Service Program.

Recommended Preparation: None.

<u>Description</u>: This course is designed for the Funeral Service Education student. Course material expands on general anatomy, chemistry, microbiology, and pathological concepts as related to the preparation, presentation, and sanitation of the human remains.

Classification: AA/AS Degree; CSU transferable.

215 FUNERAL DIRECTING II (3.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Funeral Directing outline and provides the student with an understanding of funerals for different belief and ethnic systems, the importance of ceremonies to society and individual, and the disposition options that are currently available to the public. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 230.

Prerequisite: FSE. 210, and FSE. 220.

Recommended Preparation: None.

<u>Description</u>: This course introduces the basic philosophies of a cross-section of religious and ethnic funeral practices and the role of the funeral practitioner in directing each type. Example cultural groups include African-American, Islamic, Protestant, Buddhist and Hindu among others. It also includes procedures for fraternal, military, and celebrity funerals.

Classification: AA/AS Degree; CSU transferable.

220 FUNERAL SERVICE LAW AND ETHICS (3.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Funeral Service Law, Business Law and Ethics outlines and provides the student with an understanding of torts, crimes and contracts in funeral service. Additional topics include business organizations, estate law, explicit funeral law and laws regarding human remains. The course draws and emphasis on ethics in funeral service. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 210.

Prerequisite: BUS. 201, FSE. 200, and acceptance into the Funeral Service Education Program.

Recommended Preparation: None.

<u>Description</u>: This course introduces law and the judicial system as they pertain to the funeral industry. Topics include sources of law, the legal status of a dead human body, the duty of burial, rights to control funeral arrangements and final disposition, liability for funeral expenses, torts involving the dead human body and the funeral director, wills, estates, probate, cemeteries, crematories, and state and federal laws and regulations. Personal and professional ethics that guide decisions and actions in the proper treatment of the dead are also included.

Classification: AA/AS Degree; CSU transferable.

225 PSYCHOLOGY OF DEATH AND DYING (3.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Funeral Service Psychology and Counseling and Communication Professional/Business outlines and provides the student with an understanding of the general psychology related to death and the funeral service. The course also illustrates funeral-counseling skills, different types of counseling associated with funeral service and changing social factors that impact funeral service. There is an emphasis on listening, verbal/nonverbal and other communicating skills. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 230.

Prerequisite: FSE. 210.

Recommended Preparation: None.

<u>Description</u>: This course is an introduction to thanatology and basic psychological terminology and theories, with an emphasis on the study of grief, bereavement, and mourning. The content provides the knowledge required of the funeral director to work effectively with families as a facilitating agent. Follow-up programs initiated by the funeral director are examined in detail as well as community support groups with whom the funeral director participates. Major emphasis is placed on the student identifying problem areas in the field, intervening, and professional referral.

Classification: AA/AS Degree; CSU transferable.

230 MERCHANDISING IN THE FUNERAL SERVICE INDUSTRY (3.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Funeral Merchandising outline and provides the student with an understanding of the terminology associated with funeral products, the components of differing funeral products, the ability to evaluate product offerings. The course also introduces various display options that are used throughout funeral service. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 215.

Prerequisite: FSE. 210, and FSE. 220.

Recommended Preparation: None.

<u>Description</u>: This course introduces merchandising as it applies to the funeral service profession. The curriculum is divided into two main sections. The first covers construction and features of caskets, outer burial containers, and other funeral-related products. The second section examines methods of pricing, display, presentation, and control of funeral merchandise.

Classification: AA/AS Degree; CSU transferable.

235 FUNERAL SERVICE MANAGEMENT (3.00) (day or evening)

<u>Justification</u>: The curse content is required by the American Board of Funeral Service as described in the ABFSE Funeral Service Management and Federal Trade Commission outlines and provides the student with an understanding of the objectives of management, different management techniques and operational styles in funeral service. The course also discusses different types of business based on size and legal classification. The student is introduced to the risks of acquiring or starting a funeral business. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 250, and FSE. 260.

Prerequisite: ACTG 100.

Recommended Preparation: None.

<u>Description</u>: This course introduces the basic principles of management as they apply to the practice of the funeral profession. It explores the role and function of an effective manager, emphasizing the functions of planning, organizing, motivating, directing, and controlling. Specific areas of funeral service practice and managerial guidelines for those areas are covered. Topics also include management theory as it relates to funeral service.

Classification: AA/AS Degree; CSU transferable.

250 RESTORATIVE ART (5.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Restorative Art and Anatomy outlines and provides the student with an understanding of the legalities associated with restorative art, the use of cosmetics, wax and prosthetics to create a natural appearance of the deceased for the funeral. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 260.

Recommended Preparation: None.

<u>Description</u>: This course introduces the techniques of creating an acceptable physical appearance of the deceased for the benefit of the survivors. Topics include the study of facial features, cosmetics, and restorative treatment for a variety of situations faced by the practitioner.

Classification: AA/AS Degree; CSU transferable.

260 EMBALMING I (4.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Embalming, Anatomy, Chemistry, Pathology, and Microbiology outlines and provides the student with an understanding of the legal, ethical and social implications of embalming. The student is introduced to embalming equipment, embalming suites, and the embalming procedure. Additional topics include the use of disinfecting and sanitizing chemical and postmortem conditions as result of pathology/microorganisms. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 250.

Prerequisite: FSE. 212.

Recommended Preparation: None.

<u>Description</u>: This course introduces the phenomenon of death relative to the human body. It includes the processes of preservation, restoration, and sanitation in treating the dead human body. The course outlines the legal and social aspect of embalming, the use of anatomical systems in preservation and the application of chemical preservatives to slow decomposition.

Classification: AA/AS Degree; CSU transferable.

265 EMBALMING II (2.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Embalming, Anatomy, Chemistry, Pathology, and Microbiology outlines and provides the student with an introduction to advanced embalming techniques, which include time, moisture and trauma. Additionally the student is introduced to dressing, casketing and cosmetizing in relation to

embalming. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 270.

Prerequisite: FSE. 250, and FSE. 260.

Recommended Preparation: None.

<u>Description</u>: This course is a continuation of FSE. 260. It is the study of vascular anatomy, case analysis, the selection and injection of embalming fluids, and treatment of specific conditions requiring special attention including traumatic deaths, time considerations, moisture considerations and tissue procurement.

Classification: AA/AS Degree; CSU transferable.

270 FUNERAL SERVICE COUNSELING (3.00) (day or evening)

<u>Justification</u>: The course content is required by the American Board of Funeral Service as described in the ABFSE Funeral Service Psychology and Counseling outline and provides the student with an understanding of the communication skills and the role of the funeral director as facilitator, counselor, and caregiver. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 265 and FSE. 280.

Prerequisite: FSE. 235, FSE. 250, and FSE. 260.

Recommended Preparation: None.

<u>Description</u>: This course examines communication skills and the role of the funeral director as facilitator, counselor, and caregiver. Topics include specific communication and counseling techniques as they are applied in funeral service practice as well as normal and abnormal grief reactions, children and death, crisis intervention counseling, and dealing with stress and burnout.

Classification: AA/AS Degree; CSU transferable.

280 FUNERAL SERVICE EDUCATION PRACTICUM (5.00) (day or evening)

<u>Justification</u>: This course is a Capstone class that prepares students for the National Board Examination administered by the International Conference of Funeral Examining Board. All required curriculum is reviewed. This examination is a requirement for licensure in California. Additionally, the lab component of this course proved the student with real world experience in a funeral home, the ability to network with professionals and complete any necessary graduation requirements. This course is a core requirement for the Funeral Service Education Associate in Science Degree.

Corequisite: Concurrent enrollment in FSE. 265 and FSE. 270.

<u>Prerequisite:</u> Students must show proof they have completed all general education and competency requirements for graduation and FSE. 250, and FSE. 260.

Recommended Preparation: None.

<u>Description</u>: This course provides an opportunity to apply classroom instruction in funeral service education to real-world practice in the community. The student participates in an off-site lab experience at approved off-campus preceptor sites. Additionally, students prepare for the National Board Examination.

Classification: AA/AS Degree; CSU transferable.

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

CAREER AND PERSONAL DEVELOPMENT

430 Composition for Multilingual Students

ENGLISH AS A SECOND LANGUAGE

400 Composition for Multilingual Students

HISTORY

245 Race, Ethnicity and Immigration in the U.S.

KINESIOLOGY, ATHLETICS AND DANCE: INDIVIDUAL SPORTS

251.3 Tennis III

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

CAREER AND PERSONAL DEVELOPMENT

430 Composition for Multilingual Students

KINESIOLOGY, ATHLETICS AND DANCE: INDIVIDUAL SPORTS

251.3 Tennis III

PROPOSED PROGRAM ADDTIONS – CAÑADA COLLEGE

Cañada College proposes to offer an Associate Degree in the following programs:

FUNERAL SERVICE EDUCATION

Funeral Service Education – AS Degree Program

PROPOSED DEPARTMENT ADDITIONS - CAÑADA COLLEGE

PHOTONICS AND LASER TECHNOLOGY (PALT)

Photonics and Laser Technology is involved with generating and harnessing light and other forms of radiant energy whose quantum unit is the photon" (The National Center for Optics and Photonics

Education, 2019). This technology can be applied to numerous other fields of technology – alternative energy, manufacturing, health care, telecommunication, environmental monitoring, homeland security, aerospace, solid-state lighting, and many others. Due to the diverse applications of this technology, the photonics occupational group has been split into primary photonics occupations and secondary photonics occupations to illuminate job opportunities available to all students with photonics skills (Center of Excellence, 2019).

Over the past year, industry members from the Optics, Photonics and Laser Manufacturing sector in Silicon Valley have worked closely with Engineering Faculty and College administration to present their long-standing need for a training program that generates technicians for this industry. Currently, there is only one program in the region and a handful in the state of California. There is an opportunity for Cañada College to establish a Photonics and Laser Technology program that will enable students to secure high wage jobs. Additionally, the workforce demands and Labor Market data suggest a sustained as well as growing need for Optics, Photonics and Laser Technicians and engineers in the immediate region.

The Dean of Science and Technology, the Office of Instruction, the President's Cabinet, and the Instructional Planning Council have consulted about the viability of such a program at Cañada College. Additionally, the program has been able to secure multiple grants to support the development of the program.

The new department code (PALT) will be used to create courses that will be part of a stackable Certificate of Achievement program in Photonics and Laser Technology.

San Mateo County Community College District

January 27, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
APPROVED BY:	Lisa Palmer, Curriculum Committee Chair Cañada College
	Diana Tedone, Academic Senate President Cañada College
	Jamillah Moore, President

PROPOSED DEPARTMENT ADDITIONS – CAÑADA COLLEGE

Cañada College

ETHNIC STUDIES (ETHN)

In order to address the California Assembly Bill 1460 (AB-1460), the District Academic Senate (DAS) created a task force composed of the Ethnic Studies faculty from each of our 3 campuses. The Assembly Bill acknowledges the following:

- a) Ethnic studies programs have come about from students of color demanding them. On November 6, 1968, a coalition of student groups at San Francisco State University demanded that the university institute an ethnic studies program.
- b) Ethnic studies are an interdisciplinary and comparative study of race and ethnicity with special focus on four historically defined racialized core groups: Native Americans, African Americans, Asian Americans, and Latino Americans.
- c) Studies have found that both students of color and white students benefit academically as well as socially from taking ethnic studies courses. Ethnic studies courses play an important role in building an inclusive multicultural democracy;

Thus, the California State University (CSU) has established new transfer requirements that reflect the importance of a robust anti-racist education. The CSU lists five core competencies for courses that meet the new Area F on CSU GE Breadth Requirements:

- 1. Analyze and articulate concepts of ethnic studies, including but not limited to race and ethnicity, racialization, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization and anti-racism.
- 2. Apply theory to describe critical events in the histories, cultures and intellectual traditions, with special focus on the lived-experiences and social struggles of one or more of the following four historically defined racialized core groups: Native Americans, African Americans, Latina/o Americans and/or Asian Americans, and emphasizing agency and group-affirmation.

- 3. Critically discuss the intersection of race and ethnicity with other forms of difference affected by hierarchy and oppression, such as class, gender, sexuality, religion, spirituality, national origin, immigration status, ability and/or age.
- 4. Describe how struggle, resistance, social justice, solidarity and liberation as experienced by communities of color are relevant to current issues.
- 5. Demonstrate active engagement with anti-racist issues, practices and movements to build a diverse, just and equitable society beyond the classroom.

The District Academic Senate Ethnic Studies Requirement Task Force has recommended the prioritization of the following:

- I. Prioritize an Ethnic Studies Faculty hire
 - a. Cañada's Academic Senate committed to the hiring of this new faculty member for Fall 2021 with a ranking of #1 (see October 22, 2020 meeting minutes).
- II. In preparation of this new faculty hire, we have agreed to clone the CSM ETHN courses in order to meet the extended, although short, curriculum timeline and update them as needed.

In acknowledgement of the District Academic Senate Ethnic Studies Resolution that recognizes the intent of the State Ethnic Studies legislation and with the support of Academic Senate, Academic Committee for Equity and Success (ACES), Curriculum Technical Review Committee, Dean of Humanities and Social Sciences, and Office of the President concur that an Ethnic Studies program is necessary to the educational experience of Cañada College students.

Given the four primary areas study within the Ethnic Studies discipline, local experts will create Cañada College Ethnic Studies courses modeled on the range of CSM Ethnic Studies courses (we plan on cloning all of the CSM ETHN courses in order to provide our students options beyond Area F). Establishing a range of courses allows for flexibility in accommodating the expertise of a new hire and sets the curricular foundation for a program. The request to secure an Ethnic Studies position meets the SMCCCD Board prerogative (September 2020) that Cañada College add three full-time faculty positions.

The program prefix, ETHN, will be used in creating courses to satisfy the new CSU GE breadth requirement, Area F – Ethnic Studies. Per AB 1460, commencing 2020-2021, CSU is mandated to provide for courses in ethnic studies. Commencing 2024-2025, CSU will require, at minimum, one three-unit ethnic studies course as an undergraduate graduation requirement.

San Mateo County Community College District

February 24, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
APPROVED BY:	Lisa Palmer, Curriculum Committee Chair Cañada College
	Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

ETHNIC STUDIES

103 ASIAN AMERICAN STUDIES (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This course examines how US institutions ideologically constructed the category of Asianness and materially engaged with "Asian" peoples within the United States and its territories. Ethnic Studies theory will be applied to describe critical events in Asian American histories, cultures, and intellectual traditions including an examination of how "Asian" communities interact with each other and other racialized/ethnicized communities. This includes a focus on topics ranging from self-determination to imperialism in a move toward building a just and equitable society.

Classification: AA/AS Degree; CSU transferable.

105 AFRICAN AMERICAN HISTORY AND CULTURE (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This is a survey of the history of African Americans from their origins in Africa to the present, with special emphasis on their contributions to California's social, political and economic institutions. It examines the political, economic, social, and cultural factors as well as interactions between African Americans and the larger society while analyzing the intersection of race and racism.

Classification: AA/AS Degree; CSU transferable.

107 INTRODUCTION TO NATIVE AMERICAN STUDIES (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This course provides an introduction to the study of Native American histories, experiences, intellectual traditions, and forms of artistic expression. Students engage with texts that confront the structural genocide underlying the construction of the U.S. settler state, and explore Native practices of resistance, resilience, and regeneration. Course materials include fiction, poetry, spoken word, and other creative texts, as well as historical and archival studies.

Classification: AA/AS Degree; CSU transferable.

108 RETHINKING RACE, GENDER, AND NATION (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This course introduces students to the theoretical, methodological, and substantive foundations of Ethnic Studies. Through a re-examination of U.S. history, students develop an understanding of the relationships between racial formation and the production of social and economic inequality. Readings focus on the interrelated processes of settler-colonial land expropriation, chattel slavery, multiple forms of migration, overseas imperial expansion, inter- and intra-national circulations of economic value, and the historical development of the U.S. settler legal regime. Particular attention is given to the ways in which race and ethnicity have been historically co-constituted with other socially-constructed identities, such as gender, sexuality, class, and citizenship.

Classification: AA/AS Degree; CSU transferable.

109 BORDERS AND CROSSINGS (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This introductory Ethnic Studies course examines how U.S. processes of racial formation and gendering are related to multiple transnational circulations - of commodities, bodies, labor, capital, knowledge, and culture. We interrogate the material and ideological work of borders - particularly nationstate borders, but also the borders and boundaries of racial and ethnic categories, gendered and sexualized identities, languages, forms of labor, and disciplinary categories of knowledge. Also explored are the many ways in which such borders are variously resisted, contested, transgressed, transcended, and transformed over time.

Classification: AA/AS Degree; CSU transferable.

265 EVOLUTION OF HIP HOP CULTURE: A SOCIO-ECONOMIC AND POLITICAL PERSPECTIVE (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400.

<u>Description</u>: This course traces the evolution of Hip Hop from its African roots through the diaspora as a cultural form of expression by examining music, dancing, spoken word, philosophy, and lifestyles. Also, Hip Hop is analyzed from social, economic, and political perspectives. It is explored as a product of the African American struggle as reflected in music, poetry, lyrics, dance, artists, and major issues associated with Hip Hop.

Classification: AA/AS Degree; CSU transferable.

288 AFRICAN-AMERICAN CINEMA (3.00) (day or evening)

<u>Justification</u>: This course is being added to the curriculum in response to California Assembly Bill 1460 (AB 1460). It is being articulated for Ethnic Studies, Area F, and it is a selective requirement of the newly created AA Degree in Ethnic Studies.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

<u>Description</u>: This course explores the rich and diverse history of African American filmmaking. Focusing on films written and/or directed by African Americans, this seminar traces the history of filmmaking from the silent era to the present day. In exploring Black cultural production and creative expression, students consider the ways in which film is used as a medium of protest, resistance, and cultural affirmation. We look at films through the critical lenses of Ethnic Studies theory, race and representation in American cinema while locating our analysis within larger frameworks of Hollywood's representation of African Americans and various cultural and social movements within local and global contexts.

Classification: AA/AS Degree; CSU transferable.

PHOTONICS AND LASER TECHNOLOGY

401 INTRODUCTION TO PHOTONICS AND LASER TECHNOLOGY (2.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board and provides the student with foundational skills to solve numerical problems in optical, photonics and laser technology. This course is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: None.

<u>Recommended Preparation</u>: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400. Eligibility for MATH 110.

<u>Description</u>: An introductory review of photonics and laser technology (PALT) and the mathematical skills to address engineering problems in PALT. Topics include: Review of various PALT quantities, common PALT algebraic expressions, visualization of typical linear and non-linear behaviors in PALT, geometry and trigonometry in PALT elements like lenses and prisms, description of sinusoidal and wave motion, introduction to concepts like polarization through complex notation and vectors.

Classification: Certificate; CSU transferable.

402 GEOMETRICAL OPTICS (4.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with necessary hands-on skills to assemble, align and analyze optical systems based on principles of light rays. PALT 402 is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: Completion of, or concurrent enrollment in PALT 401.

<u>Description</u>: A hands-on introduction to geometrical optics that deals with image formation by considering light as rays. Topics Include: concepts of reflection, refraction, transmission, and dispersion; the interaction of light rays with optical elements like mirrors, lenses, prisms, and stops; image formation characteristics, aberration, and optical design using ray tracing and matrix methods; description of common optical systems like cameras and telescopes.

Classification: Certificate; CSU transferable.

403 OPTICS AND PHOTONICS MODELING AND DESIGN (3.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with necessary hands-on skills to design and analyze optical systems based on utilizing industry recommended software and modeling tools. This course is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: Completion of, or concurrent enrollment in PALT 402.

<u>Description</u>: A hands-on introduction to modeling, analysis, and design of optical and photonics systems using matrix based computational programming (MATLAB or Octave) and commercial optical design software like ZEMAX. Topics Include: plotting and data visualization; use of arrays to understand image processing; design of optical and photonic systems using the ZEMAX software (or similar commercial software software).

Classification: Certificate; CSU transferable.

404 WAVE OPTICS (4.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with necessary hands-on skills to assemble, align and analyze optical systems based on principles of wave phenomenon. This course is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: PALT 402.

<u>Description</u>: An introductory hands-on course in wave optics describing the properties of light and its interaction with objects using wave equations. Topics Include: concepts of superposition, polarization, interference and diffraction; the interaction of light waves with small objects such as wires, apertures and multilayered coatings; mathematical techniques needed to quantify interactions.

Classification: Certificate; CSU transferable.

405 INTRODUCTION TO LASER TECHNOLOGY (3.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with necessary hands-on skills to safely, assemble, align and analyze lasers. This course is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: Completion of, or concurrent enrollment in PALT 404.

<u>Description</u>: A hands-on introduction to the principles and technology of lasers including properties of different types of lasers. Topics include: safe use and operation of lasers; principle of producing laser light; techniques to control laser light; applications of laser in various medical, non-medical, defense and entertainment industries.

Classification: Certificate; CSU transferable.

406 COMPONENTS AND DEVICES IN PHOTONICS AND LASER TECHNOLOGY (2.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with an overview of important optical components that are used in modern photonics and laser systems and processes. This course is a core requirement for the Certificate of Achievements in Photonics and Laser Technology and in Advanced Photonics and Laser Technology.

Prerequisite: Completion of, or concurrent enrollment in PALT 404.

<u>Description</u>: An introductory review of basic components and devices that make up optics and photonics systems. Topics include: polarizers and filters; non-laser light sources; light detectors; light modulators; selection of appropriate optical device for a desired application.

Classification: Certificate; CSU transferable.

407 OPTICAL COATING TECHNOLOGY (3.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with the necessary hands-on skills to safely use and operate optical components containing coatings. This course is a core requirement for the Certificate of Achievement in Advanced Photonics and Laser Technology.

Prerequisite: PALT 404.

<u>Description</u>: A hands-on review to optical coating technology. Topics include: matrix methods in coating analysis and design; thin film coatings; coatings in color applications; coating production techniques; safe use and handling of coatings; measurement and modeling of coating performance.

Classification: Certificate; CSU transferable.

408 OPTICAL FIBERS (3.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with the necessary hands-on skills to safely connect and use fiber optic cables and systems. This course is a core requirement for the Certificate of Achievement in Advanced Photonics and Laser Technology.

Prerequisite: PALT 405.

<u>Description</u>: An introductory hands-on course in optical fiber technology describing the transmission of light through optical fibers. Topics Include: principles of light transmission in optical fibers; fiber optic fundamentals; fiber technology; applications of fiber optics; experiments with light behavior through fibers.

Classification: Certificate; CSU transferable.

409 ADVANCED PHOTONICS TECHNOLOGY (3.00) (day or evening)

<u>Justification</u>: The course content is recommended by the Advisory Board. It provides students with a review of cutting-edge technologies in photonics and lasers. Students will also receive hands-on training in advanced photonics and laser technologies. This course is a core requirement for the Certificate of Achievements in Advanced Photonics and Laser Technology.

Prerequisite: PALT 405.

<u>Description</u>: A hands-on introduction to advanced photonics and laser technologies. Topics include: ultrashort pulse propagation; nonlinear optics; synchrotron and other advanced light sources; photonic crystals; generation and measurements of ultrashort pulses.

Classification: Certificate; CSU transferable.

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

ACCOUNTING

121 Financial Accounting

BUSINESS

- 100 Introduction to Business
- 101 Human Relations in the Workplace
- 103 Introduction to Business Information Systems

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

ETHNIC STUDIES

103 Asian American Studies
105 African American History and Culture
107 Introduction to Native American Studies
108 Rethinking Race, Gender, and Nation
109 Borders and Crossings
265 Evolution of Hip Hop Culture: A Socio-Economic and Political Perspective
288 African-American Cinema

PHOTONICS AND LASER TECHNOLOGY

401 Introduction to Photonics and Laser Technology
402 Geometrical Optics
403 Optics and Photonics Modeling and Design
404 Wave Optics
405 Introduction to Laser Technology
406 Components and Devices in Photonics and Laser Technology
407 Optical Coating Technology
408 Optical Fibers
409 Advanced Photonics Technology

PROPOSED PROGRAM ADDITIONS – CAÑADA COLLEGE

Cañada College proposes to offer an Associate Degree and/or Certificates of Achievement in the following programs:

ETHNIC STUDIES

Ethnic Studies – AA Degree Program

PHOTONICS AND LASER TECHNOLOGY

Photonics and Laser Technology – Certificate of Achievement **Advanced Optics and Photonics** – Certificate of Achievement

March 24, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

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	Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS - CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

INTERDISCIPLINARY STUDIES

150 HONORS RESEARCH SEMINAR (1.00) (day or evening)

<u>Justification</u>: Students pursuing Honors courses and Honors contracts need an understanding of the research process. Currently this is covered in varying degrees by the students' Honors contract and/or Honors dual-CRN course professors, though this is not explicitly in the course outline for these courses. This new course supports Honors students as they take their first Honors course, providing the framework for their research and a scholarly environment to discuss their work. Thus, this course provides Honors students with a solid foundation in the research process, while simultaneously taking some of the mentoring burden off numerous Honors contract and Honors dual-CRN professors.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 110.

<u>Description</u>: Introductory research seminar for students currently pursuing an Honors research project. An introduction to research methods used in different disciplines and to scholarly collaboration and communication. This course focuses on formulating a research question, identifying and utilizing sources, constructing and critiquing scholarly arguments, and creating an effective final written and oral product. As students learn about scholarly research, they simultaneously identify and refine their own research topic, engage in scholarly conversations on their work, apply discipline-specific methodologies to their work, and create their own final research product and bibliography.

Classification: AA/AS Degree; CSU transferable.

PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE

MATHEMATICS

820 Just-In-Time Support for Intermediate Algebra

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

ACCOUNTING

- 100 Accounting Procedures
- 131 Managerial Accounting
- 180 Payroll Accounting
- 200 QuickBooks

BIOLOGICAL SCIENCES

310 Nutrition

COMPUTER BUSINESS OFFICE TECHNOLOGY

- 415 Beginning Computer Keyboarding
- 417 Skill Building
- 432 Introduction to Computer Applications
- 435 Spreadsheets
- 448 Using Microsoft Windows
- 457 Using PowerPoint in Business
- 470 Advanced Spreadsheets
- 472 Beginning Word Processing
- 474 Intermediate Word Processing
- 475 Using Outlook
- 476 Adobe Acrobat

COMPUTER SCIENCE

- 252 Introduction to Data Structures C++
- 262 Discrete Mathematics for Computer Science
- 286 Introduction to Data Structures Java

COMMUNICATIONS STUDIES

150 Intercultural Communication

ECONOMICS

230 Economic History of the United States

EDUCATION AND HUMAN DEVELOPMENT - EARLY CHILDHOOD EDUCATION

212 Child, Family, and Community

254 Teaching in a Diverse Society

EDUCATION AND HUMAN DEVELOPMENT – EDUCATION

249 Redefining Leadership: Individuals Effecting Change

HISTORY

- 242 African-American History
- 245 Race, Ethnicity and Immigration in the U.S.
- 246 History of Latinos in the U.S.
- 247 Women in U.S. History
- 422 Modern Latin America

KINESIOLOGY, ATHLETICS AND DANCE: FITNESS

- 227.1 TRX® Suspension Training I
- 227.2 TRX® Suspension Training II
- 227.3 TRX® Suspension Training III
- 227.4 TRX® Suspension Training IV
- 301.1 Spinning I
- 301.2 Spinning II
- 301.3 Spinning III

KINESIOLOGY, ATHLETICS AND DANCE: TEAM SPORTS

- 148.1 Indoor Soccer I
- 148.3 Indoor Soccer III

LITERATURE

- 200 American Literature
- 252 Women Writers: Multicultural Perspectives
- 266 Black Literature
- 371 Mexican-American Literature
- 372 Myth and Folklore of La Raza
- 373 Latin American Literature in Translation
- 375 Native-American Literature

MANAGEMENT

100 Introduction to Business Management

MATHEMATICS

253 Analytic Geometry and Calculus III

POLITICAL SCIENCE

210 American Politics

310 California State and Local Government

PSYCHOLOGY

106 Psychology of Prejudice and Discrimination

SOCIOLOGY

141 Ethnicity and Race in Society

SPANISH

- 150 Spanish for Heritage Speakers I
- 152 Spanish for Heritage Speakers II
- 162 Latino Literature II

THEATER ARTS

160 Latin American Theatre

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

INTERDISCIPLINARY STUDIES

150 Honors Research Seminar

KINESIOLOGY, ATHLETICS AND DANCE: FITNESS

- 227.1 TRX® Suspension Training I
- 227.2 TRX® Suspension Training II
- 227.3 TRX® Suspension Training III
- 227.4 TRX® Suspension Training IV
- 301.1 Spinning I
- 301.2 Spinning II
- 301.3 Spinning III

KINESIOLOGY, ATHLETICS AND DANCE: TEAM SPORTS

148.3 Indoor Soccer III

PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE

ECONOMICS

Economics AA Degree Program

INTERDISCIPLINARY STUDIES

Interdisciplinary Studies, Option 1, Cañada College Pattern: Arts and Humanities – AA Degree Program

Interdisciplinary Studies, Option 1, Cañada College Pattern: Natural Science and Mathematics – AA Degree Program Interdisciplinary Studies, Option 1, Cañada College Pattern: Social and Behavioral Sciences – AA Degree Program

UNIVERSITY TRANSFER

Option 1: CSU General Education (CSU GE) – Certificate of Achievement

April 28, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
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	Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE

ANTHROPOLOGY

- 110 Cultural Anthropology
- 125 Physical Anthropology
- 126 Physical Anthropology Laboratory
- 200 Ethnographic Film
- 351 Archaeology

MATHEMATICS

- 110 Elementary Algebra
- 120 Intermediate Algebra
- 125 Elementary Finite Mathematics
- 251 Analytical Geometry and Calculus I
- 252 Analytical Geometry and Calculus II

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

MATHEMATICS

125 Elementary Finite Mathematics

PROPOSED PROGRAM ADDITIONS – CAÑADA COLLEGE

Cañada College proposes to offer an Associate Degree, Associate Degree for Transfer, Certificate of Achievement (10 to less than 16 semester units or 16 or more semester units, state approved), and/or Skills Certificate (6 to less than 10 semester units, not state approved) in the following programs:

BUSINESS

Business Administration 2.0 – Associate in Science Degree for Transfer – 27 to 29 units in the major area + Certified completion of the California State University General Education - Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for Transfer.

PROPOSED PROGRAM DELETIONS – CAÑADA COLLEGE

BUSINESS

Business Administration – Associate in Science Degree for Transfer

<u>Justification</u>: Due to the Chancellor's office updates to the existing Business Administration AD-T, we are deleting the original AD-T in preparation for the release of the new AD-T in the fall of 2021.

PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE

LATIN AMERICAN AND LATINO/A STUDIES

Latin American and Latino/a Studies – AA Degree Program Latin American and Latino/a Studies – Certificate of Achievement

May 12, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

PREPARED BY:	Tammy Robinson, Vice President, Instruction Cañada College
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	Diana Tedone, Academic Senate President Cañada College

Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

KINESIOLOGY, ATHLETICS AND DANCE: AQUATICS

127.3 SWIM STROKE DEVELOPMENT III (1.00) (day or evening)

<u>Justification</u>: Swim Stroke Development III is the third of the series of courses honing the freestyle, breaststroke, backstroke and butterfly strokes. Students learn swimming mechanics while also increasing overall fitness. AQUA 127.3 is a selective course of the Kinesiology AA Degree.

Prerequisite: AQUA 127.2.

Recommended Preparation: None.

<u>Description</u>: An intermediate advanced level course designed to expose students to the benefits of aerobic exercise through swimming. The focus is on the development of stroke mechanics including the free style, butterfly, back stroke, and breast stroke.

Classification: AA/AS Degree; CSU transferable.

127.4 SWIM STROKE DEVELOPMENT IV (1.00) (day or evening)

<u>Justification</u>: Swim Stroke Development IV is the fourth of the series of courses honing the freestyle, breaststroke, backstroke and butterfly strokes. Students learn swimming mechanics while also increasing overall fitness. AQUA 127.4 is a selective course of the Kinesiology AA Degree.

Prerequisite: AQUA 127.3.

Recommended Preparation: None.

<u>Description</u>: An advanced level swim course designed to expose students to the benefits of aerobic exercise through swimming. The focus is on the development of stroke mechanics including the free style, butterfly, back stroke, and breast stroke.

Classification: AA/AS Degree; CSU transferable.

PROPOSED CURRICULAR INACTIVATIONS - CAÑADA COLLEGE

ACCOUNTING

181 Taxation of Individuals Using Tax Software

PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE

ART

- 105 Art of Asia and the Near East
- 113 Great Museums of America
- 114 The Art History of Paris
- 116 The Art of Great Britain
- 118 The Art and Architecture of Spain
- 128 Great Museums of California
- 131 Art History Goes to the Movies
- 250 The Art History of Rome

BUSINESS

- 113 Personal Finance
- 125 International Business
- 150 Entrepreneurship: Small Business Management
- 180 Marketing
- 201 Business Law
- 230 International Marketing
- 401 Business Communications

CAREER AND PERSONAL DEVELOPMENT

- 110 Honors Colloquium in Career and Personal Development: Transfer Essentials and Planning
- 300 Introduction to Scholarships
- 401 College Success

EDUCATION AND HUMAN DEVELOPMENT - EARLY CHILDHOOD EDUCATION

201 Child Development

HUMANITIES

650 Study Abroad Life and Culture, a Humanities Perspective

KINESIOLOGY, ATHLETICS AND DANCE: DANCE

- 115.1 Mexican Folkloric Dance I
- 115.2 Mexican Folkloric Dance II
- 115.3 Mexican Folkloric Dance III
- 115.4 Mexican Folkloric Dance IV
- 117.1 Tap Dance I
- 117.2 Tap Dance II
- 117.3 Tap Dance III
- 117.4 Tap Dance IV
- 125.2 Salsa II
- 125.3 Salsa III
- 125.4 Salsa IV
- 151.1 Social Dance I
- 151.2 Social Dance II
- 151.3 Social Dance III
- 151.4 Social Dance IV
- 161.1 Tango Argentino I
- 161.2 Tango Argentino II
- 161.3 Tango Argentino III
- 161.4 Tango Argentino IV
- 391 Dance Composition Theory and Choreography

RADIOLOGIC TECHNOLOGY

- 418 Clinical Education I
- 428 Clinical Education II
- 438 Clinical Education III
- 448 Clinical Education IV
- 458 Clinical Education V
- 468 Clinical Education VI

SOCIAL SCIENCES

650 Study Abroad Life and Culture, a Social Sciences Perspective

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION - CAÑADA COLLEGE

KINESIOLOGY, ATHLETICS AND DANCE: AQUATICS

- 127.3 Swim Stroke Development III
- 127.4 Swim Stroke Development IV

KINESIOLOGY, ATHLETICS AND DANCE: DANCE

- 115.1 Mexican Folkloric Dance I
- 115.2 Mexican Folkloric Dance II
- 115.3 Mexican Folkloric Dance III
- 115.4 Mexican Folkloric Dance IV

- 117.1 Tap Dance I
- 117.2 Tap Dance II
- 117.3 Tap Dance III
- 117.4 Tap Dance IV
- 125.2 Salsa II
- 125.3 Salsa III
- 125.4 Salsa IV
- Social Dance I 151.1
- 151.2 Social Dance II
- 151.3 Social Dance III
- 151.4 Social Dance IV
- 161.1 Tango Argentino I
- 161.2 Tango Argentino II
- 161.3 Tango Argentino III
- 161.4 Tango Argentino IV
- Dance Composition Theory and Choreography 391

PROPOSED PROGRAM MODIFICATIONS - CAÑADA COLLEGE

ACCOUNTING

Accounting – AA Degree Program Accounting – Certificate of Achievement

KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY

Kinesiology – AS Degree Program

June 23, 2021

This report has been prepared in accordance with SMCCCD Rules and Regulations, Section 6.13.4 and all appropriate laws and regulations.

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Jamillah Moore, President Cañada College

PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

KINESIOLOGY, ATHLETICS AND DANCE: AQUATICS

133.1 INDIVIDUAL SWIM CONDITIONING I (1.00) (day or evening)

<u>Justification</u>: Individual Swim Conditioning I is the first of four courses teaching swimming for health and fitness. AQUA 133.1 is a selective course of the Kinesiology AA Degree.

Prerequisite: None.

Recommended Preparation: None.

<u>Description</u>: Students improve fitness and overall health through swimming. The course tailors swim workouts, drills and exercises to meet individual fitness and skill levels. Entering students must be able to swim one length without touching the bottom or side walls of the pool.

Classification: AA/AS Degree; CSU transferable.

PROPOSED CURRICULAR DELETIONS - CAÑADA COLLEGE

COMPUTER SCIENCE

680CF INTRODUCTION TO RELATIONAL DATABASES

<u>Justification</u>: This experimental course is being deleted per section 3.11 - Selected Topics Courses (680-689, 879 and 880) of the curriculum handbook.

PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE

ART

201 Form and Composition I

BUSINESS

158 Startup and Freelance Fundamentals

CAREER AND PERSONAL DEVELOPMENT

407 Exploring Careers, Majors and Transfer

MATHEMATICS

- 130 Analytical Trigonometry
- 222 Pre-Calculus College Algebra/Trigonometry

PROPOSED CURRICULAR MODIFICATIONS - CAÑADA COLLEGE

ART

- 205 Drawing II
- 206 Figure Drawing and Portraiture
- 221 Painting I
- 229 Landscape Painting
- 231 Watercolor I
- 232 Watercolor II
- 301 Two-Dimensional Design
- 304 Gallery Design and Management
- 306 Three-Dimensional Design

COMPUTER SCIENCE

- 118 Introduction to Computer Science
- 242 Computer Architecture and Assembly Language
- 250 Introduction to Object Oriented Programming: C++
- 284 Introduction to Object Oriented Programming- Java
- 294 Introduction to Object Oriented Programming: Swift
- 295 Introduction to Cloud Computing
- 296 Database Essentials in the Cloud
- 297 Amazon Web Services (AWS) and Cloud Compute Engines
- 298 Amazon Web Services (AWS) and Cloud Security
- 321 iPhone Programming: Swift

CAREER AND PERSONAL DEVELOPMENT

137 Life and Career Planning

ENGINEERING

- 100 Introduction to Engineering
- 111 Surveying
- 210 Engineering Graphics

MATHEMATICS

- 150 Mathematics for Elementary School Teachers
- 251 Analytical Geometry and Calculus I
- 818 Basic Mathematics for Health Science

MEDICAL ASSISTING

801 Computerized Medical Billing/Medical Assisting Exam Preparation

PHYSICS

210 General Physics I

PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE

ART

205 Drawing II

MATHEMATICS

150 Mathematics for Elementary School Teachers

PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE

ART

Art History – AA Degree Program

BUSINESS

Entrepreneurship and Small Business Management – AS Degree Program **Entrepreneurship and Small Business Management** – Certificate of Achievement

COMPUTER SCIENCE

Cloud Computing - Certificate of Achievement

FASHION DESIGN AND MERCHANDISING

Technical (Apparel Industry Oriented) – AS Degree Program **Technical (Apparel Industry Oriented)** – Certificate of Achievement

GENERAL STUDIES

Pathways to Student Success – Certificate of Achievement Preparation for Academic Scholarship and Success (PASS) – Certificate of Achievement

GEOGRAPHY

Geography – AA Degree Program

INTERDISCIPLINARY STUDIES

Interdisciplinary Studies, Option 1, Cañada College Pattern: Arts and Humanities – AA Degree Program Interdisciplinary Studies, Option 1, Cañada College Pattern: Natural Science and Mathematics – AA Degree Program Interdisciplinary Studies, Option 2, Transfer Pattern: Arts and Humanities – AA Degree Program Interdisciplinary Studies, Option 2, Transfer Pattern: Natural Science and Mathematics – AA Degree Program

KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY

Kinesiology – AA Degree Program