



Cañada College  
Office of Instruction

**2021 - 2022 Curriculum Board Reports**

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San Mateo County Community College District

October 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

David Eck, Academic Senate President  
Cañada College

Kim Lopez, Interim President  
Cañada College

## **PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE**

### **BUSINESS ADMINISTRATION**

100 Introduction to Business

### **EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

191 Children's Literature  
201 Child Development  
210 Early Childhood Education Principles  
211 Early Childhood Education Curriculum  
212 Child, Family, and Community  
213 The School Age Child  
225 Care and Education for Infants and Toddlers  
240 Administration I: Business/Legal  
241 Administration II: Personnel and Leadership  
242 Adult Supervision and Mentoring  
244 Curriculum and Strategies for PreK-Kindergarten  
247 Foundations for School Success  
254 Teaching in a Diverse Society  
260 Children with Special Needs  
263 Curriculum and Strategies for Children with Special Needs  
275 Children's Language and Literacy Development  
313 Health, Safety and Nutrition  
333 Observation and Assessment of Young Children  
362 Communicating with Families  
366 Practicum in Early Childhood Education  
369 Reflective Teaching Seminar

**EDUCATION AND HUMAN DEVELOPMENT: EDUCATION**

- 265 Positive Behavior Support in Inclusive Settings
- 300 Applied Inclusive Strategies

**FASHION DESIGN AND MERCHANDISING**

- 114 Introduction to Italian Fashion

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**FASHION DESIGN AND MERCHANDISING**

- Custom Dressmaking/Small Business Oriented** – AS Degree Program
- Custom Dressmaking/Small Business Oriented** – Certificate of Achievement
- Technical (Apparel Industry Oriented)** – AS Degree Program
- Technical (Apparel Industry Oriented)** – Certificate of Achievement

San Mateo County Community College District

December 15, 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  
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David Eck, Academic Senate President  
Cañada College

Kim Lopez, Interim President  
Cañada College

## **PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE**

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **KINESIOLOGY, ATHLETICS AND DANCE: DANCE**

##### 350.1 CARDIO DANCE I (1.00) (day or evening)

Justification: This course focuses on conditioning while using dance steps. We are expanding our dance curriculum to fit the needs of our dance students, and offer more learning opportunities to students in our new building. This class is a selective requirement for our Dance AA Degree.

Prerequisite: None.

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

Description: Beginning level steps, stretches, and toning exercises choreographed to Latin, hip hop, jazz, ballet, modern, popular, and contemporary dance rhythms. Designed to increase cardiovascular health while learning dance movements in a non-competitive environment.

Classification: AA/AS Degree; CSU transferable.

##### 350.2 CARDIO DANCE II (1.00) (day or evening)

Justification: This course focuses on conditioning while using dance steps. We are expanding our dance curriculum to fit the needs of our dance students, and offer more learning opportunities to students in our new building. This class is a selective requirement for our Dance AA Degree.

Prerequisite: DANC 350.1

Recommended Preparation: None.

Description: Continuation of DANC 350.1. Intermediate level steps, stretches, and toning exercises choreographed to Latin, hip hop, jazz, ballet, modern, popular, and contemporary dance rhythms. Designed to increase cardiovascular health while learning dance movements in a non-competitive environment.

Classification: AA/AS Degree; CSU transferable.

350.3 CARDIO DANCE III (1.00) (day or evening)

Justification: This course focuses on conditioning while using dance steps. We are expanding our dance curriculum to fit the needs of our dance students, and offer more learning opportunities to students in our new building. This class is a selective requirement for our Dance AA Degree.

Prerequisite: DANC 350.2

Recommended Preparation: None.

Description: Continuation of DANC 350.2. Advanced intermediate level steps, stretches, and toning exercises choreographed to Latin, hip hop, jazz, ballet, modern, popular, and contemporary dance rhythms. Designed to increase cardiovascular health while learning dance movements in a non-competitive environment.

Classification: AA/AS Degree; CSU transferable.

350.4 CARDIO DANCE IV (1.00) (day or evening)

Justification: This course focuses on conditioning while using dance steps. We are expanding our dance curriculum to fit the needs of our dance students, and offer more learning opportunities to students in our new building. This class is a selective requirement for our Dance AA Degree.

Prerequisite: DANC 350.3

Recommended Preparation: None.

Description: Continuation of DANC 350.3. Advanced level steps, stretches, and toning exercises choreographed to Latin, hip hop, jazz, ballet, modern, popular, and contemporary dance rhythms. Designed to increase cardiovascular health while learning dance movements in a non-competitive environment.

Classification: AA/AS Degree; CSU transferable.

## **PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE**

### **ANTHROPOLOGY**

- 125 Biological Anthropology
- 126 Biological Anthropology Laboratory

### **ASTRONOMY**

- 100 Introduction to Astronomy

101 Astronomy Laboratory

## **BUSINESS ADMINISTRATION**

113 Personal Finance

## **ENGINEERING**

100 Introduction to Engineering

111 Surveying

210 Engineering Graphics

## **ENGLISH**

100 Reading and Composition

105 Intensive Composition and Reading

110 Composition, Literature, and Critical Thinking

165 Advanced Composition

200 Introduction to Linguistics: A Survey of Language

## **FASHION DESIGN AND MERCHANDISING**

100 Principles of Design

110 Beginning Clothing Construction

111 Techniques of Fit

113 Textiles

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

**LINGUISTICS**

- 200 Introduction to Linguistics: A Survey of Language

**PHYSICS**

- 210 General Physics I

**PROPOSED CURRICULAR REACTIVATIONS – CAÑADA COLLEGE**

**MATHEMATICS**

- 130 Analytical Trigonometry

**PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE**

**KINESIOLOGY, ATHLETICS AND DANCE: DANCE**

- 350.1 Cardio Dance I
- 350.2 Cardio Dance II
- 350.3 Cardio Dance III
- 350.4 Cardio Dance IV

**MATHEMATICS**

- 130 Analytical Trigonometry

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**ANTHROPOLOGY**

- Anthropology** – AA Degree Program
- Anthropology** – Associate in Arts Degree for Transfer

**ENGLISH**

- English** – Associate in Arts Degree for Transfer

**INTERDISCIPLINARY STUDIES**

- 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

**Interdisciplinary Studies, Option 2, Transfer Pattern: Natural Science and Mathematics – AA Degree Program**

**Interdisciplinary Studies, Option 2, Transfer Pattern: Social and Behavioral Sciences – AA Degree Program**

**KINESIOLOGY, ATHLETICS AND DANCE: DANCE**

**Dance – AA Degree Program**

**KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY**

**Kinesiology – AA Degree Program**

San Mateo County Community College District

January 26, 2022

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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David Eck, Academic Senate President  
Cañada College

Kim Lopez, Interim President  
Cañada College

## **PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE**

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **HUMAN SERVICES**

121 SOCIAL WORK AND HUMAN SERVICES SEMINAR (1.00) (day or evening)

Justification: The State C-ID system has updated HMSV 300 Field Experience to be divided into two required corequisite courses: HMSV 121 Social Work and Human Services Seminar (1 unit), and HMSV 122 Social Work & Human Services Fieldwork (2 units). The two courses are core requirements of both the ADT in Human Services and a newly proposed Certificate of Achievement.

Corequisite: Concurrent enrollment in HMSV 122

Prerequisite: HMSV 100

Recommended Preparation: Eligibility for ENGL 100.

Description: This course provides the student who is participating in a supervised field experience in a community organization, agency, or institution with a weekly class meeting that provides the academic element to the experiential course offering. The application of concepts gained in the prerequisite or corequisite course to the field experience are emphasized. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the human services field.

Classification: AA-T/AS-T Degree for Transfer; Certificate of Achievement; CSU transferable.

122 SOCIAL WORK AND HUMAN SERVICES FIELDWORK (2.00) (day or evening)

Justification: The State C-ID system has updated HMSV 300 Field Experience to be divided into two required corequisite courses: HMSV 121 Social Work and Human Services Seminar (1 unit), and HMSV

122 Social Work & Human Services Fieldwork (2 units). The two courses are core requirements of both the ADT in Human Services and a newly proposed Certificate of Achievement.

Corequisite: Concurrent enrollment in HMSV 121

Prerequisite: HMSV 100

Recommended Preparation: Eligibility for ENGL 100.

Description: This course offers the student a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to observe, practice, and develop skills that would facilitate gaining employment in the human services field.

Classification: AA-T/AS-T Degree for Transfer; Certificate of Achievement; CSU transferable.

## **INTERIOR DESIGN**

301 PORTFOLIO DEVELOPMENT (1.00) (day or evening)

Justification: This new course provides students with a capstone experience that allows them to show the design skills acquired through their formal training in this program. It is a common professional practice to put together a portfolio in approaching the job market. The course is a requirement for various certificates in the Interior Design program, and its need is supported by the Advisory Committee and faculty members. Students strongly advocated for the addition of this course as well.

Prerequisite: INTD 128, 175 and 360 or 361

Recommended Preparation: None.

Description: Portfolio Development is the culminating course for students earning certificates of achievement and associate of arts degrees in Interior Design. Emphasis is placed on selecting several pieces of original work to build a professionally presented digital portfolio. This includes floor plans and elevations, computer-aided design (CAD) drawings, 3D computer designs, lighting plans, perspective sketches, and hand renderings.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

## **KINESIOLOGY, ATHLETICS AND DANCE: AQUATICS**

135.1 AQUA EXERCISE I (1.00) (day or evening)

Justification: Aqua Exercise I is the first of four courses examining and practicing the skills needed to use exercise in a pool as a safe, fun and effective option of physical activity to maintain good health and overall fitness. Students are able to apply this course towards an AA Degree in Kinesiology.

Prerequisite: None.

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

Description: A beginning level cardiovascular and resistance training class conducted in a low-impact aquatic environment. Instruction includes exercises designed to improve cardiovascular endurance, muscular strength, and flexibility. Students need not be competent swimmers to participate in class.

Classification: AA/AS Degree; CSU transferable.

## **PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE**

### **HUMAN SERVICES**

300 Field Experience in Social Work and Human Services

## **PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE**

### **HUMAN SERVICES**

100 Introduction to Social Work and Human Services

## **PROPOSED CURRICULAR REACTIVATIONS – CAÑADA COLLEGE**

### **INTERIOR DESIGN**

350 Commercial Design

## **PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE**

### **HUMAN SERVICES**

121 Social Work and Human Services Seminar  
122 Social Work and Human Services Fieldwork

### **INTERIOR DESIGN**

301 Portfolio Development  
350 Commercial Design

## **PROPOSED PROGRAM ADDITIONS – CAÑADA COLLEGE**

Cañada College proposes to offer a Certificate of Achievement in the following program:

### **HUMAN SERVICES**

**Human Services Paraprofessional** – Certificate of Achievement (18 units)

## **PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

### **HUMAN SERVICES**

**Social Work and Human Services** – Associate in Arts Degree for Transfer

### **INTERIOR DESIGN**

**Home Staging** – Certificate of Achievement

**Interior Design** – AS Degree Program

**Interior Design** – Certificate of Achievement

**Kitchen and Bath Design (Affiliated with NKBA)** – Certificate of Achievement

**KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY**

**Kinesiology** – AA Degree Program

San Mateo County Community College District

April 27, 2022

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  
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David Eck, Academic Senate President  
Cañada College

Kim Lopez, Interim President  
Cañada College

## **PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE**

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **KINESIOLOGY, ATHLETICS AND DANCE: VARSITY SPORTS**

160 WOMEN’S VARSITY SWIMMING (3.00) (day or evening)

Justification: As of 2022, Cañada College in conjunction with SMCCCD operates an aquatic center, including a competition pool. The request for both a women's intercollegiate varsity team and an adjunct teaching position is documented in the KAD division program review. The addition of Women's Varsity Swimming brings the Cañada College athletic department into Title IX compliance. The course fulfills the activity requirement for the local AA degree.

Prerequisite: Demonstrated ability. Student-athletes must be enrolled in 12 units.

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

Description: Consists of Intercollegiate Women's Swimming competition in the Coast Conference. The team also participates in regional invitationals, the Northern California Championship, and the CCCAA State Championship. Employs advanced training including conditioning and swim stroke mechanics at an intercollegiate level. May be repeated for credit up to 3 times.

Classification: AA/AS Degree; CSU transferable.

## **PROPOSED CURRICULAR DELETION – CAÑADA COLLEGE**

### **FASHION DESIGN AND MERCHANDISING**

680CE EVENING GOWN CONSTRUCTION

Justification: This course was replaced by FASH 169 and it is no longer needed.

**PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE**

**BIOLOGICAL SCIENCES**

- 380 Travel Study in Biology - Preparing for the Trip
- 381 Travel Study in Biology

**PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE**

**BIOLOGICAL SCIENCES**

- 100 Introduction to the Life Sciences
- 110 Principles of Biology
- 132 Human Biology Laboratory
- 225 Biology of Organisms
- 250 Human Anatomy
- 260 Human Physiology

**COOPERATIVE EDUCATION**

- 670 Cooperative Education/Work Experience

**DIGITAL ART AND 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
- 374 UX Research Methods
- 376 Introduction to Digital Imaging
- 378 Digital Page Layout
- 379 Introduction to Digital Animation
- 380 Advanced Digital Animation
- 385 Coding for Designers and Artists
- 389 Digital Media Careers
- 390 Portfolio Creation
- 392 Content Strategy and UX Writing
- 393 UX Data Visualization
- 394 Interaction Design
- 400 Motion Graphics
- 405 Storyboard Development for Animation and Interactive Media
- 416 Drawing for Animation
- 417 Principles of Animation
- 418 History 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
- 442 History of Video Games
- 443 Game Design Fundamentals
- 445 3D Game Scripting
- 446 Storytelling with Games
- 447 3D Level Design
- 450 Collaborative Game Production
- 451 Rapid Game Development
- 452 Advanced Game Design
- 455 Indie Game Development & Entrepreneurship

### **FASHION DESIGN AND MERCHANDISING**

- 672 Cooperative Education: Internship

### **HUMAN SERVICES**

- 672 Cooperative Education: Internship

### **INTERIOR DESIGN**

- 672 Cooperative Education: Internship

### **KINESIOLOGY, ATHLETICS AND DANCE: DANCE**

- 672 Cooperative Education: Internship

### **MEDICAL ASSISTING**

- 672 Cooperative Education: Internship

### **PARALEGAL STUDIES**

- 241 Law Office Management
- 249 Introduction to the Legal System
- 250 Legal Research and Writing
- 251 Torts
- 252 Civil Litigation and Trial Preparation
- 254 Family Law
- 260 Advanced Legal Research and Writing
- 261 Legal Ethics
- 263 Intellectual Property Law
- 264 Contracts
- 267 Animal Law
- 269 Elder Law
- 272 Immigration Law

- 276 Electronic Litigation and Investigation
- 672 Cooperative Education: Internship

**SOCIOLOGY**

- 325 Honors Colloquium: Sociology of Human Personhood

**PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE**

**SOCIOLOGY**

- 325 Honors Colloquium: Sociology of Human Personhood

San Mateo County Community College District

May 25, 2022

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  
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David Eck, Academic Senate President  
Cañada College

Kim Lopez, Interim President  
Cañada College

## **PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE**

### **ENGLISH**

826 Basic Reading/Composition  
836 Writing Development

### **READING**

826 Reading Improvement  
836 Academic Reading Strategies

## **PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE**

### **ANTHROPOLOGY**

126 Biological Anthropology Laboratory  
351 Archaeology

### **BIOLOGICAL SCIENCES**

130 Human Biology

### **ECONOMICS**

230 Economic History of the United States

## **EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

223 Infant and Toddler Development

**ENGINEERING**

- 215 Computational Methods for Engineers and Scientists
- 230 Statics
- 240 Engineering Dynamics
- 260 Circuits and Devices
- 261 Circuits and Devices Laboratory
- 270 Materials Science

**ENGLISH**

- 100 Reading and Composition
- 105 Intensive Composition and Reading
- 161 Creative Writing I
- 162 Creative Writing II
- 164 Creative Non-Fiction
- 847 Accelerated Academic Reading and Writing

**HEALTH SCIENCE**

- 100 General Health Science
- 116 Women's Health Issues

**LITERATURE**

- 151 Introduction to Shakespeare I
- 200 American Literature
- 205 New Voices in World Literature
- 231 Survey of English Literature I
- 232 Survey of English Literature II
- 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
- 441 Survey of Film
- 442 Film Study and Appreciation

**MEDICAL ASSISTING**

- 100 Introduction to Medical Assisting
- 110 Medical Terminology
- 115 Introduction to Electronic Health Record

**OCEANOGRAPHY**

- 100 Oceanography
- 101 Oceanography Lab

**THEATRE ARTS**

151 Introduction to Shakespeare I

**PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE****ENGLISH**

164 Creative Non-Fiction

**HEALTH SCIENCE**

100 General Health Science

116 Women's Health Issues

**LITERATURE**

151 Introduction to Shakespeare I

205 New Voices in World Literature

231 Survey of English Literature I

232 Survey of English Literature II

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

**THEATRE ARTS**

151 Introduction to Shakespeare I

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE****KINESIOLOGY, ATHLETICS AND DANCE: KINESIOLOGY**

**Kinesiology** – Associate in Arts Degree for Transfer

San Mateo County Community College District

June 22, 2022

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  
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Kim Lopez, President  
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## **PROPOSED CURRICULAR ADDITIONS – CAÑADA COLLEGE**

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

255 MULTILINGUAL LEARNERS: LANGUAGE AND LITERACY DEVELOPMENT (1.00) (day or evening)

Justification: In response to community needs regarding young children who are dual language learners, the Education and Human Development department is partnering with the San Mateo County of Education to create a Multilingual Learner Teacher Certificate of Achievement. This certificate equips early educators with the skills and knowledge specific to supporting dual/multilingual language learners during the early childhood years. ECE. 255, is one of the required courses of the program.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: Children's language and literacy acquisition focusing on the connection between language and brain development. Course covers the expressive and receptive functions of language; theories of language acquisition; first and second language acquisition; code-switching; dual language learning support; varieties of English such as Black English Vernacular; and the revitalization of tribal languages.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

271 FOUNDATIONAL CONCEPTS IN MULTILINGUAL LEARNING (1.00) (day or evening)

Justification: In response to the growing need for educators to possess skills and knowledge in creating equitable learning experiences for dual/multilingual young children, this course updates terms, concepts, and practices to reflect current professional methods and priorities. ECE. 271 is part of the Multilingual Learner Teacher Certificate (MLTC) developed in collaboration with the San Mateo County of Education.

Prerequisite: None.

Recommended Preparation: None.

Description: The course surveys current dual/multi language learning research and practice, foundational concepts in dual/multilingual learning, and teaching strategies that promote cognitive-linguistic competence in young children.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

273 MULTILINGUAL LEARNERS: PERSONALIZED ORAL LANGUAGE LEARNING (POLL)  
(1.00) (day or evening)

Justification: In response to educator needs for specific pedagogical training that supports young children who are bilingual/multilingual, this course includes general updates from the profession that includes current research, applications, and refined verbiage that reflect sociopolitical priorities. The course is developed in partnership with the San Mateo County of Education, and addresses the evolving needs in our communities (children, families, educators). ECE. 273 is part of the Multilingual Learner Teacher Certificate (MLTC).

Prerequisite: ECE. 271 or equivalent.

Recommended Preparation: None.

Description: This course reviews instructional methods that support learning and development of children's home language and literacy skills as well as English. Students study effective oral language strategies such as modifications, adaptations, enhancements in the environment, and teaching methods that ensure full access and active participation of all learners.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

280 CULTURAL HUMILITY: CULTIVATING AN EQUITY MINDSET (1.00) (day or evening)

Justification: In response to community needs regarding young children who are dual language learners, the Education and Human Development department is partnering with the San Mateo County of Education to create a Multilingual Learner Teacher Certificate of Achievement (MLTC). This certificate equips early educators with the skills and knowledge specific to supporting dual/multilingual learners during the early childhood years. ECE. 280, is one of the required courses for the MLTC certificate of achievement.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: The course examines the impact of values, beliefs, implicit and explicit biases on teacher interactions with culturally and linguistically diverse children and families. Concepts such as cultural humility, anti-bias, and reciprocal communication are discussed from an equity-mindset framework necessary to create quality learning environments for all children.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

**364 MULTILINGUAL PRACTICES IN ACTION (1.00) (day or evening)**

Justification: In response to community needs regarding young children who are dual language learners, the EHD program is partnering with the San Mateo County of Education to create a Multilingual Learner Teacher Certificate of Achievement (MLTC). This certificate equips early educators with skills and knowledge specific to supporting dual/multilingual learners during the early childhood years. ECE. 364 is one of the required courses for the MLTC.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: Foundational knowledge and skills for supporting multilingual learners and their families. Students use case studies to design and implement research-based language and literacy practices to promote equitable learning opportunities for all children including those with special needs.

Classification: AA/AS Degree; Certificate of Achievement; CSU transferable.

**MATHEMATICS****145 LIBERAL ARTS MATHEMATICS (3.00) (day or evening)**

Justification: This course is replacing MATH 140 which was previously banked, and is equivalent to MATH 145 from College of San Mateo. It is being added in order to provide an alternative transfer course for students, and help us meet the requirements of AB 705. The course is a selective requirement for the Pathways to Student Success Certificate of Achievement.

Prerequisite: Completion of Intermediate Algebra or equivalent, or placement by appropriate assessment.

Recommended Preparation: None.

Description: This course is designed for majors with no specific math requirement. The goal is to develop in students an appreciation for the beauty and utility of mathematics. Topics include logic, problem solving, probability, statistics, geometry, mathematics of finance, systems of numeration, mathematical modeling, and computers.

Classification: AA/AS Degree; CSU transferable.

**PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE****ENGLISH**

- 827 Integrated Reading and Writing
- 829 Reading, Writing, and Rhetoric
- 849 Academic Reading, Writing, and Rhetoric

**PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE****BIOLOGICAL SCIENCES**

- 230 Cell and Molecular Biology

240 General Microbiology

### **EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

362 Partnering with Families

### **EDUCATION AND HUMAN DEVELOPMENT: EDUCATION**

300 Applied Inclusive Strategies

### **LEARNING CENTER**

100 Effective Tutoring and Practicum  
 139 The Research Paper from A to Z  
 140 Professional Writing  
 151 Health Science Vocabulary  
 698 Supervised Tutoring/Academic Assistance  
 810 Study Skills  
 822 Grammar Trouble Spots I  
 823 Grammar Trouble Spots II  
 840 Vocabulary Improvement I  
 841 Vocabulary Improvement II  
 842 Vocabulary Improvement III  
 843 Vocabulary Improvement IV

### **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 TO BE OFFERED AS DISTANCE EDUCATION – CAÑADA COLLEGE**

### **EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

255 Multilingual Learners: Language and Literacy Development  
 271 Foundational Concepts in Multilingual Learning  
 273 Multilingual Learners: Personalized Oral Language Learning (POLL)  
 280 Cultural Humility: Cultivating an Equity Mindset  
 364 Multilingual Practices in Action

### **MATHEMATICS**

145 Liberal Arts Mathematics

**PROPOSED PROGRAM ADDITIONS – CAÑADA COLLEGE**

Cañada College proposes to offer a Certificate of Achievement in the following program:

**EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

**Multilingual Learner Teaching** – Certificate of Achievement (10 units)

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE****EDUCATION AND HUMAN DEVELOPMENT: EARLY CHILDHOOD EDUCATION**

**Elementary Teacher Education** – Associate in Arts Degree for Transfer

**GENERAL STUDIES**

**Pathways to Student Success** – Certificate of Achievement

**POLITICAL SCIENCE**

**Law, Public Policy, and Society** – Associate in Arts Degree for Transfer

**SPANISH**

**Bilingualism and Biliteracy in English/Spanish** – Certificate of Achievement