



Cañada College  
Office of Instruction

**2018 - 2019 Curriculum Board Reports**

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1. Board Report      NO. 18-10-1CA October 24, 2018
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8. Board Report      NO. 19-6-4CA June 26, 2019

San Mateo County Community College District

October 24, 2018

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: Candice Nance, Curriculum Committee Co-Chair  
Cañada College

Katherine Schertle, Curriculum Committee Co-Chair  
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Hyla Lacefield, Academic Senate President  
Cañada College

Jamillah Moore, President  
Cañada College

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

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **ENGLISH**

##### 105 INTENSIVE COMPOSITION AND READING (5.0) (day or evening)

Justification: The English Department at Cañada College is offering English 105 as a new course to give more instructional support to students who find a three-unit English 100 too difficult to pass. As a five-unit class, English 105 is equivalent to English 100; however, it provides two more hours of instruction to students. We are offering this new class to also comply with the new legislation known as AB 705. As required by AB 705, more students who are currently placing into a developmental level in English will be able to take a college-level composition course sooner by enrolling in English 105.

Prerequisite: ENGL 836, and READ 836, or ENGL 847, or ESL 400, or or eligibility for ENGL 100, or ENGL 105 on approved college placement test and other measures as necessary.

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

Description: Course designed to help the student recognize and critically evaluate important ideas in short- and book-length texts, and express facts and thought logically and gracefully in clear and correct prose. Students write critical expository essays dealing with a variety of ideas at a skill level appropriate to a college transfer-level class.

Classification: AA/AS Degree; AA-T/AS-T Degree for Transfer; CSU, UC transferable.

**FASHION DESIGN AND MERCHANDISING**

680CE EVENING GOWN CONSTRUCTION (2.0) (day or evening)

Justification: The Fashion Design and Merchandising Department does not currently have a couture evening gown construction course. Our advisory board has recommended that the department offer a course of this skill level.

Prerequisite: None.

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

Description: Students learn advanced sewing techniques used in the construction of evening gowns. They create gowns incorporating the techniques learned in class, including working with difficult fabrics and bias.

Classification: AA/AS Degree; CSU transferable.

**MATHEMATICS**

800 JUST-IN-TIME SUPPORT FOR ELEMENTARY PROBABILITY AND STATISTICS (2.0) (day or evening)

Justification: This course serves as support for students taking Math 200 who place below transfer level Mathematics. This course satisfies the requirements put forth in state law AB705; which states that all curriculum decisions should be made to maximize the probability of completing a student's transferable math work within one year. Directly enrolling a student with a co-requisite support has been shown as one way to increase this probability.

Corequisite: Concurrent enrollment in MATH 200. Prerequisite: Appropriate score on the College Placement Test or other multiple measures assessment.

Recommended Preparation: None.

Description: A review of the core prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in MATH 200: Elementary Probability and Statistics, at Cañada College. Topics include concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Additional emphasis is placed on solving and graphing linear equations and modeling with linear functions.

Classification: Not degree applicable; not transferable.

**PROPOSED CURRICULAR INACTIVATIONS – CAÑADA COLLEGE****POLITICAL SCIENCE**

325 Honors Colloquium in Political Science: Politics and Religion

**PROPOSED CURRICULAR MODIFICATIONS – CAÑADA COLLEGE****ANTHROPOLOGY**

- 126 Physical Anthropology Laboratory
- 351 Archaeology

**BUSINESS**

- 401 Business Communications

**CHEMISTRY**

- 192 Elementary Chemistry

**ENGLISH**

- 110 Composition, Literature, and Critical Thinking
- 161 Creative Writing I
- 164 Creative Non-Fiction
- 165 Advanced Composition

**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

**MEDICAL ASSISTING**

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

**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

**SOCIOLOGY**

325 Honors Colloquium: Sociology of Human Personhood

**SPANISH**

110 Elementary Spanish

**THEATER ARTS**

151 Introduction to Shakespeare I

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

**PHYSICS**

210 General Physics I  
220 General Physics II  
250 Physics with Calculus I  
260 Physics with Calculus II  
270 Physics with Calculus III

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**ENGINEERING**

**Engineering** – Certificate of Achievement

**GENERAL STUDIES**

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

**POLITICAL SCIENCE**

**Political Science** – Associate in Arts Degree  
**Political Science** – Associate in Arts Degree for Transfer

San Mateo County Community College District

November 14, 2018

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

### **ARCHITECTURE**

110 Interior Architectural Drafting

### **BIOLOGICAL SCIENCES**

310 Nutrition

### **CHEMISTRY**

210 General Chemistry I

### **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

San Mateo County Community College District

December 12, 2018

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

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **COMPUTER SCIENCE**

##### 122 INTRODUCTION TO PROGRAMMING: PYTHON (3.00) (day or evening)

Justification: This new course satisfies the introductory programming requirement for students that are not majoring in computer science. Our existing introductory course (CIS 118) is designed for computer science majors, and emphasizes topics such as computer hardware and systems architecture that are irrelevant to non-majors. CIS 118 also utilizes a more complex programming language (C++); this new course utilizes Python, a more accessible language that is becoming more common at universities like Berkeley, MIT and SJSU. CIS 122 is an alternative to CIS 118 for non-computer science programs that require introductory programming, such as Geography, Natural Sciences and Mathematics (it is proposed for Degree Credit -- AA/AS Degree). It also serves as a more accessible entry point to computer science to those students with less confidence in computer science and/or minimal prior exposure to programming.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100; Eligibility for MATH 110.

Description: Designed to teach computer programming to non-Computer Science majors with an introduction to Python Programming in interesting, relevant, and practical contexts. Focus is on hands-on Python programming skills, problem-solving using algorithmic thinking, abstraction, implementing an algorithm to executable code, debugging and testing software programs. Fundamental programming constructs such as variables, data types, selection, iteration, functions, data structures (lists, strings, dictionaries, tuples), file I/O, and other core concepts are covered. Applications focus on computational

techniques to understand, analyze, and automate data analysis, basic encryption algorithms, matrix manipulation, sorting and searching algorithms, basic game design, and more.

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

#### 295 INTRODUCTION TO CLOUD COMPUTING (3.00) (day or evening)

Justification: Cloud computing delivers vast data capacity to organizations of all shapes and sizes without requiring expensive on-site servers, and is a huge growth arena in technology today. Companies want to hire people with cloud computing skills. This course is a requirement for the Amazon Web Services (AWS) Certificate to be offered by Cañada College.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: An introduction to cloud computing, which shifts information systems from on-premises computing infrastructure to highly scalable internet architectures. Provides a solid foundation of cloud computing technologies, and the understanding required to effectively evaluate and assess the business and technical benefits of cloud computing and cloud applications. Includes an analysis of a variety of cloud services (storage, servers and software applications) and cloud providers, with a focus on Amazon Web Services (AWS). Examines various industry cloud practices and applications. Also surveys cloud careers and discusses industry demand for cloud skills.

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

#### 296 DATABASE ESSENTIALS IN THE CLOUD (3.00) (day or evening)

Justification: Cloud computing, which delivers vast data capacity to organizations of all shapes and sizes without requiring expensive on-site servers, is a huge growth area in technology today. Companies want to hire people with cloud computing and database skills. Students want Cañada to offer Cloud computing courses. This course is a requirement for the Cloud Computing Certificate to be offered by Cañada College.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: Cloud database management, which supports a number of different approaches for storing data. Definitions, operations and scaling of both SQL (Structured Query Language) and noSQL data storage solutions. Considers factors that should be balanced during the design of a data storage solution. Principles are applied by performing exercises using both relational and non-relational database approaches.

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

#### 297 COMPUTE ENGINES IN AMAZON WEB SERVICES (3.00) (day or evening)

Justification: Cloud computing, which delivers vast data capacity to organizations of all shapes and sizes without requiring expensive on-site server, is a huge growth arena in technology today. This course covers the technical components of cloud computing environments - core technologies, algorithms, and design principles. Companies want to hire people with cloud computing. Students want Cañada to offer Cloud



computing courses. This course is a requirement for the Cloud Computing Certificate to be offered by Cañada College.

Prerequisite: CIS 284.

Recommended Preparation: Eligibility for ENGL 100.

Description: Explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students will use the Amazon Web Services (AWS) Management Console to provision, load-balance and scale their applications using the Elastic Compute Cloud (EC2) and the AWS Elastic Beanstalk. The course discusses, from a developer perspective, the most important reasons for using AWS and examines the underlying design principles of scalable cloud applications.

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

298 SECURITY IN AMAZON WEB SERVICES (3.00) (day or evening)

Justification: This course required for a new certificate to be offered by Cañada College. Cloud computing, which delivers vast data capacity to organizations of all shapes and sizes without requiring expensive on-site servers, is a huge growth arena in technology today. This course covers the technical components of security and risk management for cloud computing environments in general and Amazon Web Services in particular. Companies want to hire people with cloud computing. Students want Cañada to offer Cloud computing courses. The Cloud Computing Certificate prepares students for a career as a Computer Support Specialists. The US Dept. of Labor projects this occupation to grow 8.3% from 2016 to 2026.

Prerequisite: CIS 295.

Recommended Preparation: Eligibility for ENGL 100.

Description: Protection of the confidentiality, integrity and availability of computing systems and data. Uses of redundant and layered controls, continuous validation and testing, and automation to ensure that the cloud infrastructure is continuously monitored and protected. Examination of shared responsibility models.

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

## **DIGITAL ART AND ANIMATION**

441 INTRODUCTION TO VIDEO GAME DESIGN (3.00) (day or evening)

Justification: This course provides the foundations and practices necessary for success in the game industry. Introduces students to tools and techniques utilized professionally. Course is the introductory course for a proposed Game Design certificate. Advisory board reviews course content annually and suggest revisions to curriculum as appropriate.

Prerequisite: None.

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

Description: Introduction to the essentials of game design using industry-standard game engine, spreadsheets, presentation slides, photo editing, 3D modeling, and reference art to convey game design ideas and specifications. Practical application of skills learned to develop games.

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

#### 442 HISTORY OF VIDEO GAMES (3.00) (day or evening)

Justification: The course is intended to provide the aspiring game developer with a history and perspective of games and game design. The course is taken in the first semesters of a student's study, so that the information in the course can be used to inform decisions the student makes while developing their own games. The advisory committee reviews course content and make suggestions for additions, revisions, and deletions to course material as the industry evolves.

Prerequisite: None.

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

Description: Explores the origin and history of ancient to modern games including board games, card games, arcade amusements, and video games of all kinds. Includes game companies, historic platforms, and common jargon used in the industry.

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

#### 443 GAME DESIGN FUNDAMENTALS (3.00) (day or evening)

Justification: Game designs skills are in increasing demand, not only in game development but in corporate and training fields as well. Course guides students in creating a fun, engaging experience regardless of the game content. Serves as a foundation for additional skills such as coding and asset development through using easily-developed card and board games. Advisory committee members review and suggest changes to content as the field grows and changes.

Prerequisite: None.

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

Description: Fundamentals of game design are examined through the theories of fun, challenge, polish, responsiveness and the emotional content of making games. Students build a board or card game and develop a game design document from initial pitch through game specifications.

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

#### 445 3D GAME SCRIPTING (3.00) (day or evening)

Justification: Increasingly, employers are expecting artists to have a functional knowledge of scripting in order to create tools, automate processes, and troubleshoot issues. This course introduces scripting in an industry-standard environment, using real-world examples to familiarize students with the coding environment. Course is ideally taken at the end of the student's first year in the program, after taking the introductory courses in game design and game history. The advisory committee members review course content and make suggestions for changes as the needs of industry change.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 441.

Description: Explores using a 3D game engine for building 3D levels and creating gameplay using systematic approaches to design. Includes importing 3D assets and scripting character controllers and interactive elements.

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

#### 446 STORYTELLING WITH GAMES (3.00) (day or evening)

Justification: Storytelling is a vital skill in game development, and one of the hardest skills to master. Telling a compelling story is contingent on many factors working well together to immerse the player in the environment and the tasks at hand. This course provides the foundation game designers need to know how to approach creating a compelling, involving story for the player. It is part of the first-year courses for this certificate.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 441.

Description: Discussion and development of plots, character archetypes, and challenges in storytelling that provide the structure to create a unique story experience through gameplay. Examines the aesthetics of games, the designer/player contract, and the Hero's Journey.

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

#### 447 3D LEVEL DESIGN (3.00) (day or evening)

Justification: Designing 3D levels for games is a critical skill every designer needs in the current industry. This course introduces the concepts and tools for building successful levels, including single- and multiplayer considerations. Course is designed to be taken during student's second year in program. Advisory board members regularly review course content with current industry standards in mind and suggest revisions, additions, and deletions from course content.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 445.

Description: Covers artistic, functional and storytelling aspects of video game level design: prototyping, layout and simple scripting of events. Using a 3D game engine, students design and build a single player and multiplayer level.

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

#### 450 COLLABORATIVE GAME PRODUCTION (3.00) (day or evening)

Justification: Course directs students in using skills acquired in previous classes in a practical, team-based environment, which is a vital skill in game development. Course is advanced, taken during the second year in program. Advisory board reviews and critiques student work, providing suggestions for improvement. Board also advises faculty on changes to the commercial game development industry so course content can be adjusted as the industry evolves.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 445.

Description: Students use project management techniques to organize and communicate as game development prototype teams. Methods explored include Ad hoc, Waterfall, and Agile techniques.

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

#### 451 RAPID GAME DEVELOPMENT (3.00) (day or evening)

Justification: Rapid prototyping allows students to explore different game structures, modalities, and strengths/weaknesses while providing hands-on development experience in a fast-paced environment. Course is intended to follow foundational courses in game design and scripting.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 445.

Description: Students conceive and develop multiple games in a rapid development environment. Brainstorming, conceptualizing, and "finding the fun" of multiple game styles, polishing and adding pizzazz to the game - called JUICE.

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

#### 452 ADVANCED GAME DESIGN (3.00) (day or evening)

Justification: This course further refines the skills learned in previous courses in the sequence. Moves beyond the basics of game design and enjoyable gameplay, and focuses on the psychological and physiological effects of various styles of gameplay. Advisory board periodically reviews course content to align with current thinking regarding professional-level game design standards. Course is intended to follow earlier courses in the sequence, and is recommended for students completing the certificate.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; MART 443.

Description: In-depth exploration of enjoyable gameplay. How to use tutorials, achievements, analytics, and funnels to refine the gameplay experience based on player's experience. Designing economies and challenge ramping to avoid player burnout and turnover, and encourage engagement.

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

**455 INDIE GAME DEVELOPMENT & ENTREPRENEURSHIP (3.00) (day or evening)**

Justification: This course provides art-oriented students with a grounding in business and entrepreneurial fundamentals specific to the game industry. Addresses vital skills that the freelance developer or small studio entrepreneur must know to survive and thrive in the current game development market. This course is part of the new Video Game Design Certificate of Achievement core requirements.

Prerequisite: None.

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

Description: Having a freelance career or an independent studio is the future of creative game design. This course covers the fundamentals of starting and operating small studios, crowdfunding, investment funding, staying compliant with state and local laws, understanding contracts, marketing, and selling projects.

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

**EDUCATION AND HUMAN DEVELOPMENT – EDUCATION****249 REDEFINING LEADERSHIP: INDIVIDUALS EFFECTING CHANGE (3.00) (day or evening)**

Justification: This new course is designed to support students in all majors as they learn about the theoretical underpinnings of leadership studies, and build capacity for leadership in their personal and professional lives. We have already integrated the course into multiple Business certificates and degrees as a selective, and continues to collaborate with majors in the social sciences, humanities, physical sciences and career technical areas.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: Leadership is examined from both theoretical and practical perspectives through the Phi Theta Kappa (PTK) Leadership Development Studies curriculum. This course is designed to provide emerging and existing leaders the opportunity to explore the underlying theoretical basis of leadership and develop or improve their ability to exercise leadership. The course integrates original works from leadership scholars, readings from the humanities, experiential exercises, and feature films. While learning about leadership theories, students explore nationally and internationally accepted leadership models as a framework for developing the necessary skills and strategies to build their capacity for leadership in their personal and professional lives.

Classification: AA/AS Degree; CSU transferable.

**300 APPLIED INCLUSIVE STRATEGIES (1.00) (day or evening)**

Justification: In response to student requests, a new skills certificate entitled "Inclusion Support" has been proposed that focuses on working with children with disabilities. A culminating course is needed for students to integrate and apply knowledge and skills learned from other required courses (ECE. 260, ECE. 263, and EDUC 265). EDUC 300 is the capstone experience for the Inclusion Support skills certificate.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; ECE. 260, ECE. 263, and EDUC 265.

Description: Integrates foundational knowledge and skills required for supporting children with diverse special needs. Uses Case Study methodology to apply Universal Design for Learning (UDL) in various learning environments and to design inclusive positive behavior support plans. A major focus of the course is to apply basic Special Education concepts into meaningful practice.

Classification: AA/AS Degree; Skills Certificate; CSU transferable.

## **ENVIRONMENTAL SCIENCE**

101 ENVIRONMENTAL SCIENCE LABORATORY (1.00) (day or evening)

Justification: This is a lab to go with our existing lecture course ENVS 115 - Environmental Science. The lab is being articulated for IGETC and CSU GE, and it is also part of the ENVS AS Degree.

Prerequisite: Completion of, or concurrent enrollment in ENVS 100 (offered at Skyline), or ENVS 115.

Recommended Preparation: Eligibility for ENGL 100.

Description: An introduction to environmental science that explores the causes, impacts, and solutions to contemporary environmental issues through lab, field, and written exercises. Coursework highlights the methods and tools used in environmental fields and the interdisciplinary nature of the issues and solutions.

Classification: AA/AS Degree; CSU transferable.

695 INDEPENDENT STUDY (0.50 - 3.00) (day or evening)

Justification: ENVS 695 provides the opportunity for advanced ENVS students to complete research or other advanced study for academic credit. It is a selective course requirement for the Associate in Science Degree in Environmental Science.

Prerequisite: None.

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

Description: Designed for students who are interested in furthering their knowledge via self-paced, individualized instruction provided in selected areas or directed study to be arranged with instructor and approved by the division dean using the Independent Study Form. Varying modes of instruction can be used -- laboratory, research, skill development, etc. For each unit earned, students are required to devote three hours per week throughout the semester. Students may take only one Independent Study course within a given discipline.

Classification: AA/AS Degree; CSU transferable.

## **INTERIOR DESIGN**

300 STUDIO I: HOME STAGING (3.00) (day or evening)

Justification: INTD 300, Studio I: Home Staging, is replacing FASH 226, Visual Merchandising and Display, as a required course for the Home Staging Certificate of Achievement. The proposal is based on the recommendations of the Interior Design Advisory Committee and faculty members. This substitution provides students that are pursuing the Home Staging Certificate with a course that addresses the basics of Home Staging business, including in site-training with a Professional Home Stager.

Prerequisite: INTD 175.

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

Description: Overview of the current professional practices used to prepare a home for sale. Includes the selection and evaluation of methods required to prepare future home stagers with skills such as attention to details, digital and hand sketching illustrations, and business practices. Commercial staging is explored as well.

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

## **KINESIOLOGY, ATHLETICS AND DANCE – TEAM SPORTS**

183 GOLF: SKILL DEVELOPMENT (2.00) (day or evening)

Justification: State wide legislation has allowed for women's golf to participate in nontraditional season. The course is being added to the AS Degree in Kinesiology as selective major requirement.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; Demonstrated ability is required.

Description: Focuses on mastering individual golf skills and concepts. It is designed to improve the individual technique of students wishing to play intercollegiate community college golf. A minimum skill level must be demonstrated to remain in the course. Major emphasis is placed on actual competition played on local golf courses. Included are both on and off course drills and discussion for skills and strategy. May be repeated for credit up to 3 times.

Classification: AA/AS Degree; AA-T/AS-T Degree for Transfer; CSU, UC transferable.

680CF GOLF: SKILL DEVELOPMENT (2.00) (day or evening)

Justification: State wide legislation has allowed for women's golf to participate in nontraditional season.

Prerequisite: None.

Recommended Preparation: Eligibility for READ 836 and ENGL 836; or ENGL 847 or ESL 400; Demonstrated ability is required.

Description: Focuses on mastering individual golf skills and concepts. It is designed to improve the individual technique of students wishing to play intercollegiate community college golf. A minimum skill level must be demonstrated to remain in the course. Major emphasis is placed on actual competition played on local golf courses. Included are both on and off course drills and discussion for skills and strategy. May be repeated for credit up to 3 times.

Classification: AA/AS Degree; CSU transferable.

## **MATHEMATICS**

825 JUST-IN-TIME SUPPORT FOR PATH TO CALCULUS (2.00) (day or evening)

Justification: This is the new support class for MATH 225, and it is being added in response to AB 705.

Corequisite: Concurrent enrollment in MATH 225.

Prerequisite: Appropriate score on the College Placement Test or other multiple measures assessment.

Description: A review of the core prerequisite skills, competencies, and concepts needed in pre-calculus. Intended for majors in science, technology, engineering, and mathematics who are concurrently enrolled in MATH 225, Path to Calculus, at Cañada College. Topics include: a review of computational skills developed in intermediate algebra, factoring, operations on rational and radical expressions, absolute value equations and inequalities, exponential and logarithmic expressions and equations, conic sections, functions including composition and inverses, an in-depth focus on quadratic functions, and a review of topics from geometry.

Classification: Not degree applicable; not transferable.

841 JUST-IN-TIME SUPPORT FOR BUSINESS CALCULUS I (1.00) (day or evening)

Justification: This course is added to provide just-in-time support for Math 241 in order to be compliant with AB705.

Corequisite: Concurrent enrollment in MATH 241.

Prerequisite: Appropriate score on the College Placement Test or other multiple measures assessment.

Description: A review of the core prerequisite skills, competencies, and concepts needed in college algebra. Intended for business or other majors who are concurrently enrolled in MATH 241, Business Calculus I, at Cañada College. Topics include: a review of computational skills developed in intermediate algebra, factoring, exponential and logarithmic expressions and equations, and an in-depth focus on quadratic functions. A graphing calculator is required.

Classification: Not degree applicable; not transferable.

## **MUSIC**

215 MUSIC, CULTURE AND HISTORY (3.00) (day or evening)

Justification: This new course replaces MUS 115, eliminating cross-listing issues. The content is similar to a Music Appreciation course, but 20 years of teaching about classical music has shown that presenting music in its social context is the best pedagogical method to get students engaged with the music.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.



Description: Explores the evolution of musical styles in the context of cultural expression and social change. Includes a wide range of European music styles and genres across history as well as American jazz.

Classification: AA/AS Degree; CSU transferable.

## **PARALEGAL STUDIES**

### **241 LAW OFFICE MANAGEMENT (3.00) (day or evening)**

Justification: Law Office Management provides students with an understanding of and practice running a law office, or legal entity. The course consolidates some of the subject matter in previously offered courses, such as Paralegalism, word processing, office management, and business administration. The class is a core course major requirement for the Paralegal Certificate of Achievement and the A.S. Degree.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: This course provides an overview of law firm management administration. Topics include case management, filing systems, calendaring, indexing and summarizing pleadings and discovery, timekeeping, billing, fees, intra- and inter- office communication, client interviewing, conflict checks, and office policies.

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

### **261 LEGAL ETHICS (3.00) (day or evening)**

Justification: Legal Ethics was originally part of LEGL 262 - Paralegalism and Legal Ethics. In order to be consistent with other paralegal programs and to sufficiently cover the important content in this course, the course content of LEGL 262 was separated into two courses: LEGL 261-Legal Ethics and LEGL 241-Law Office Management. The content in LEGL 26-Legal Ethics was expanded to cover more material. LEGL 261-Legal Ethics is a required course for the A.S. Degree in Paralegal Studies and for the Paralegal Certificate. Creating a separate legal ethics course (LEGL 261-Legal Ethics) is needed to better educate our paralegal students regarding the numerous ethical issues that exist and to make our Program's course content consistent to similar courses in other paralegal programs.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: This course examines regulations, ethics, and professional responsibility affecting paralegals. Topics include the unauthorized practice of law, advertising, solicitation, legal advice, attorney-client relationships, conflicts of interest, legal competency, and due-diligence.

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

### **263 INTELLECTUAL PROPERTY LAW (3.00) (day or evening)**

Justification: Intellectual property (IP) laws allow individuals and businesses to lay legal claim to the goods, services and ideas that they offer, and are very important for branding and successes in the marketplace. However, IP laws are also extremely complex, which is why many businesses, lawyers, and law firms rely

on intellectual property paralegals for assistance. Intellectual property paralegals are in high demand and employed by large corporations, law offices, and government. This is especially true in the San Francisco bay area, where the demand for intellectual property paralegals is high, given the many technology and biotech companies located a concentrated geographic area. Paralegals who can assist attorneys with the preparation of trademark and service mark applications, file patent documents, apply for copyrights for various types of intellectual property, perform intellectual property research, and assist attorneys with intellectual property litigation are in great demand highly compensated. Intellectual Property Law is a selective course in the Paralegal Program, for the A.S. Degree and for the Paralegal Certificate.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: An overview of the law of intellectual property, including patents, trademarks, copyrights, and trade secrets under the laws of the United States and foreign laws and an examination of the role of the paralegal in this area.

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

267 ANIMAL LAW (3.00) (day or evening)

Justification: The field of animal law has grown tremendously in recent decades. In 2000, there were nine law schools offering courses in animal law; by 2007, there were 88 schools offering animal law courses. Today there are more than 165 schools in the U.S. and Canada that offer courses in animal law. There are also national and state bar associations offering animal law sections. As animal law continues to rapidly develop, along with interest from students, practitioners, and academics, it is increasingly recognized as a cutting-edge and important new field of law, just as environment law was in the 1970s. Many attorneys and law firms have incorporated animal law into their legal practices because animal law intersects with estate planning, family law, torts, contracts, criminal law, and constitutional law, resulting in increased employment opportunities for students. Animal Law is a selective major requirement in various Paralegal Programs.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: Animal Law is an introductory course covering the statutory, regulatory, and common law legal principles that affect animals. The course encompasses substantive areas of law affecting animals, including criminal law, torts, contracts, consumer protection, first amendment and constitutional issues, wills and trusts, and family law.

Classification: AA/AS Degree; CSU transferable.

269 ELDER LAW (3.00) (day or evening)

Justification: The population of older adults is expected to double by 2060 as a result of the aging baby boom generation and because of advances in medical care and positive health and lifestyle changes. As a result, our nation has to deal with a large population of elderly persons. Federal and state laws relating to the elderly are expanding in response to this growing population. Elder law is legal specialty that is continuing to expand. Elder Law is a selective major course requirement in various Paralegal Programs.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100.

Description: This course covers the substantive and procedural law and federal, state, and administrative regulations pertaining to the senior population. Topics include client interviewing, Social Security, Medicare, Medi-Cal/SSI, trusts, guardianships, conservatorships, funding sources, residential and/or long-term care, and elder abuse.

Classification: AA/AS Degree; CSU transferable.

## **PROPOSED CURRICULAR DELETIONS – CAÑADA COLLEGE**

### **KINESIOLOGY, ATHLETICS AND DANCE – TEAM SPORTS**

680CF GOLF: SKILL DEVELOPMENT

Justification: This experimental course is being replaced by a permanent course, TEAM 183.

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

### **ACCOUNTING**

250 Certified Bookkeeper AIPB Preparation

695 Independent Study

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

249 Leadership Development

### **ENGLISH AS A SECOND LANGUAGE**

901 Language Skills for Workforce Careers I

### **PARALEGAL STUDIES**

262 Paralegalism and Study of Legal Ethics

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

### **ACCOUNTING**

100 Accounting Procedures

121 Financial Accounting

131 Managerial Accounting

180 Payroll Accounting

181 Taxation of Individuals Using Tax Software

200 QuickBooks

### **CHEMISTRY**

114 Survey of Chemistry and Physics  
220 General Chemistry II  
231 Organic Chemistry I  
232 Organic Chemistry II  
410 Chemistry for Health Sciences

**EDUCATION AND HUMAN DEVELOPMENT – EARLY CHILDHOOD EDUCATION**

223 Infant and Toddler Development  
366 Practicum in Early Childhood Education

**EDUCATION AND HUMAN DEVELOPMENT – EDUCATION**

200 Introduction to Classroom Teaching  
265 Positive Behavior Support in Inclusive Settings

**ENVIRONMENTAL SCIENCE**

115 Environmental Science

**GEOLOGY**

100 Introduction to Geology  
101 Geology Laboratory  
121 Earth Science

**INTERIOR DESIGN**

272 Kitchen and Bath Design  
276 Advanced Kitchen and Bath Design  
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

**MATHEMATICS**

225 Path to Calculus

**MEDICAL ASSISTING**

120 Clinical Procedures I  
100 Fundamentals of Music

**OCEANOGRAPHY**

100 Oceanography  
101 Oceanography Lab

**PARALEGAL STUDIES**

- 251 Torts
- 252 Civil Litigation and Trial Preparation
- 254 Family Law
- 260 Advanced Legal Research and Writing
- 264 Contracts
- 272 Immigration Law
- 276 Electronic Litigation and Investigation

**PHILOSOPHY**

- 100 Introduction to Philosophy
- 103 Critical Thinking
- 160 History of Philosophy: Ancient and Medieval
- 175 Modern Philosophy
- 190 Contemporary Philosophy
- 200 Introduction to Logic
- 240 Introduction to Ethics
- 300 Introduction to World Religions
- 312 Introduction to Philosophy of Religion

**PHYSICS**

- 114 Survey of Chemistry and Physics

**PSYCHOLOGY**

- 106 Psychology of Prejudice and Discrimination
- 200 Developmental Psychology
- 300 Social Psychology
- 340 Introduction to Human Sexuality
- 410 Abnormal Psychology

**RADIOLOGIC TECHNOLOGY**

- 400 Orientation to Radiologic Technology
- 408 Perspectives in Radiology
- 410 Radiographic Positioning
- 415 Radiation Protection and Biology
- 418 Clinical Education I
- 420 Radiographic Positioning II
- 428 Clinical Education II
- 435 Imaging Equipment and Quality Control
- 438 Clinical Education III
- 440 Advanced Imaging Modalities & Specialized Procedures
- 441 Sectional Anatomy
- 442 Radiographic Pathology
- 448 Clinical Education IV
- 450 Registry Review

- 458 Clinical Education V
- 468 Clinical Education VI
- 470 Specialized Techniques: Mammography
- 471 Specialized Techniques: Fluoroscopy
- 474 Venipuncture for Contrast Media Administration

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

### **COMPUTER SCIENCE**

- 295 Introduction to Cloud Computing
- 296 Database Essentials in the Cloud
- 297 Compute Engines in Amazon Web Services
- 298 Security in Amazon Web Services

### **EDUCATION**

- 249 Redefining Leadership: Individuals Effecting Change
- 300 Applied Inclusive Strategies

### **DIGITAL ART & ANIMATION**

- 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

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

- 223 Infant and Toddler Development

### **PARALEGAL**

- 241 Law Office Management
- 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

**PHILOSOPHY**

- 190 Contemporary Philosophy
- 240 Introduction to Ethics

**PROPOSED PROGRAM ADDITIONS – CAÑADA COLLEGE**

Cañada College proposes to offer a Certificate of Achievement, and/or Skills Certificate (up to 11.5 units, not state approved) in the following programs:

**COMPUTER SCIENCE**

**Cloud Computing** – Certificate of Achievement (15 units)

**DIGITAL ART & ANIMATION**

**Video Game Design** – Certificate of Achievement (33 units)

**EDUCATION AND HUMAN DEVELOPMENT – EARLY CHILDHOOD EDUCATION**

**Inclusion Support** – Skills Certificate (10 units)

**PARALEGAL STUDIES**

**Litigation** – Certificate of Achievement (18 units)

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**ACCOUNTING**

- Accounting** – AS Degree Program
- Accounting** – Certificate of Achievement

**BUSINESS**

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

**ENVIRONMENTAL SCIENCE**

**Environmental Science** – AS Degree Program

**GEOGRAPHY**

**Geography** – AA Degree Program

## **INTERDISCIPLINARY STUDIES**

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

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

## **INTERIOR DESIGN**

**Home Staging – Certificate of Achievement**

**Interior Design – AS Degree Program**

**Interior Design – Certificate of Achievement**

**Kitchen and Bath Design (Affiliated with NKBA, National Kitchen & Bath Association) – Certificate of Achievement**

## **KINESIOLOGY, ATHLETICS AND DANCE - KINESIOLOGY**

**Kinesiology – AA Degree Program**

## **MUSIC**

**Music – AA Degree Program**

## **PARALEGAL**

**Paralegal – AS Degree Program**

**Paralegal – Certificate of Achievement**



San Mateo County Community College District

February 27, 2019

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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Cañada College

Hyla Lacefield, Academic Senate President  
Cañada College

Jamillah Moore, President  
Cañada College

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

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **DIGITAL ART AND ANIMATION**

680CK HISTORY OF VIDEO GAMES (3.00) (day or evening)

Justification: The course is equivalent to MART 442 and it is intended to provide the aspiring game developer with a history and perspective of games and game design. The course is taken in the first semesters of a student's study, so that the information in the course can be used to inform decisions the student makes while developing their own games. The course is being offered in the spring of 2019 as an experimental course, and added as a permanent course to the upcoming 1920 catalog.

Prerequisite: None.

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

Description: Explores the origin and history of ancient to modern games including board games, card games, arcade amusements, and video games of all kinds. Includes game companies, historic platforms, and common jargon used in the industry.

Classification: AA/AS Degree; CSU transferable.

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

### **COMPUTER BUSINESS OFFICE TECHNOLOGY**

475 Using Outlook

**POLITICAL SCIENCE**

130 Introduction to International Relations  
150 Introduction to Political Theory  
170 Introduction to Comparative Politics  
210 American Politics  
310 California State and Local Government

**RADIOLOGIC TECHNOLOGY**

430 Principles of Radiographic Image Production

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

**DIGITAL ART & ANIMATION**

680CK History of Video Games

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**RADIOLOGIC TECHNOLOGY**

**Radiologic Technology – AS Degree Program**

San Mateo County Community College District

March 27, 2019

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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Hyla Lacefield, Academic Senate President  
Cañada College

Jamillah Moore, President  
Cañada College

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

### **BUSINESS**

- 100 Introduction to Business
- 101 Human Relations in the Workplace
- 103 Introduction to Business Information Systems
- 125 International Business
- 150 Entrepreneurship: Small Business Management
- 158 Startup and Freelance Fundamentals
- 180 Marketing
- 201 Business Law
- 230 International Marketing

### **COMPUTER BUSINESS OFFICE TECHNOLOGY**

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

### **COMPUTER SCIENCE**

- 118 Introduction to Computer Science

- 250 Introduction to Object Oriented Programming: C++
- 252 Introduction to Data Structures - C++
- 262 Discrete Mathematics for Computer Science
- 284 Introduction to Object Oriented Programming- Java
- 286 Introduction to Data Structures - Java
- 294 Introduction to Object Oriented Programming: Swift

**MANAGEMENT**

- 100 Introduction to Business Management

**MEDICAL ASSISTING**

- 100 Introduction to Medical Assisting
- 110 Medical Terminology
- 121 Clinical Procedures II

**POLITICAL SCIENCE**

- 103 Critical Thinking about World Politics

**PROPOSED CURRICULAR REACTIVATIONS – CAÑADA COLLEGE**

**ANTHROPOLOGY**

- 200 Ethnographic Film

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**ANTHROPOLOGY**

- Anthropology – AA Degree Program**

San Mateo County Community College District

April 24, 2019

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 INACTIVATIONS – CAÑADA COLLEGE**

### **PHYSICS**

- 211 General Physics I - Calculus Supplement
- 221 General Physics II - Calculus Supplement

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

### **COMPUTER SCIENCE**

- 242 Computer Architecture and Assembly Language
- 321 iPhone Programming: Swift

## **KINESIOLOGY, ATHLETICS AND DANCE – KINESIOLOGY**

- 101 Introduction to Kinesiology
- 137 Student-Athlete Skills for Success, First Year
- 138 Student-Athlete Skills for Success, Second Year

### **LIBRARY SCIENCE**

- 100 Introduction to Information Research

### **MEDICAL ASSISTING**

- 115 Introduction to Electronic Health Record
- 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
- 801 Computerized Medical Billing/Medical Assisting Exam Preparation

## **PSYCHOLOGY**

- 100 General Psychology

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

### **MEDICAL ASSISTING**

- 150 Medical Office Procedures
- 160 Medical Insurance Procedures
- 164 CPT (Current Procedural Terminology) Beginning 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
- 801 Computerized Medical Billing/Medical Assisting Exam Preparation

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

### **ANTHROPOLOGY**

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

### **COMPUTER SCIENCE**

**Computer Science - Swift** – Certificate of Achievement

### **INTERDISCIPLINARY STUDIES**

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

**Interdisciplinary Studies, Option 2, Transfer Pattern: Arts and Humanities** – AA Degree Program

**PHILOSOPHY**

**Philosophy** – AA-T Associate in Arts Degree for Transfer

San Mateo County Community College District

May 15, 2019

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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Hyla Lacefield, Academic Senate President  
Cañada College

Jamillah Moore, President  
Cañada College

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

### **ENVIRONMENTAL SCIENCE**

130 Sustainable Land Management

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

### **BIOLOGICAL SCIENCES**

225 Biology of Organisms

### **CAREER AND PERSONAL DEVELOPMENT**

407 Exploring Careers, Majors and Transfer

### **COMPUTER BUSINESS OFFICE TECHNOLOGY**

470 Advanced Spreadsheets

### **ECONOMICS**

100 Principles of Macro Economics

102 Principles of Micro Economics

230 Economic History of the United States

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

191 Children's Literature



225 Care and Education for Infants and Toddlers

## **ENGINEERING**

111 Surveying

## **ENGLISH**

100 Reading and Composition  
 836 Writing Development  
 847 Accelerated Academic Reading and Writing

## **ENGLISH AS A SECOND LANGUAGE**

400 Composition for Non-Native Speakers  
 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

## **KINESIOLOGY, ATHLETICS AND DANCE – KINESIOLOGY**

105 Stress Management  
 109 Lifetime Fitness and Nutrition

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

104 Varsity Baseball  
 114 Varsity Basketball  
 154 Varsity Soccer  
 170 Varsity Tennis  
 340 Varsity Women's Volleyball

## **MATHEMATICS**

110 Elementary Algebra  
 120 Intermediate Algebra  
 125 Elementary Finite Mathematics  
 130 Analytical Trigonometry  
 150 Mathematics for Elementary School Teachers  
 190 Path to Statistics  
 200 Elementary Probability and Statistics  
 222 Pre-Calculus College Algebra/Trigonometry  
 241 Business Calculus I  
 251 Analytical Geometry and Calculus I

**READING**

836 Academic Reading Strategies

**SOCIOLOGY**

105 Social Problems

**THEATRE ARTS**

151 Introduction to Shakespeare I

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

**CAREER AND PERSONAL DEVELOPMENT**

407 Exploring Careers, Majors and Transfer

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

225 Care and Education for Infants and Toddlers

**SOCIOLOGY**

105 Social Problems

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**BIOLOGICAL SCIENCES**

**Biological Sciences – AS Degree Program**

San Mateo County Community College District

June 26, 2019

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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Hyla Lacefield, Academic Senate President  
Cañada College

Jamillah Moore, President  
Cañada College

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

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **GEOGRAPHY**

101 PHYSICAL GEOGRAPHY LAB (1.00) (day or evening)

Justification: This course provides a lab option for students taking GEOG 100 – Physical Geography. We routinely get requests for this course, and we believe this course will also improve retention and success in GEOG 100. GEOG 101 is a core or selective requirement in both the Geography AA degree, and the Earth Science AS degree.

Prerequisite: Completion of, or concurrent enrollment in GEOG 100.

Recommended Preparation: Eligibility for ENGL 100.

Description: Practical application of the basic concepts of Physical Geography. Students use the tools of geography, such as maps and field observations, to enrich their understanding of the Earth's physical processes. Topics include Earth-Sun relationships, weather, climate, tectonic and surface processes, landforms, water, and ecosystems. Fieldtrips may be required.

Classification: AA/AS Degree; CSU transferable.

#### **KINESIOLOGY, ATHLETICS AND DANCE – KINESIOLOGY**

119 FIRST AID/ADULT AND PEDIATRIC CPR/AED (3.00) (day or evening)

Justification: This course is proposed in order to meet the needs of students in education programs that require CPR/First Aid/AED certification. The course content is in alignment with the C-ID descriptor, and a distance education supplement has been added in order to allow its offering using a hybrid format. KINE 119 is a selective requirement for the Kinesiology AA Degree.

Prerequisite: None.

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

Description: The Adult and Pediatric First Aid/CPR/AED course incorporates the latest science and teaches students to recognize and care for a variety of first aid emergencies such as burns, cuts, scrapes, sudden illnesses, head, neck, back injuries, heat and cold emergencies, and how to respond to breathing and cardiac emergencies to help victims of any age - adults (about 12 years and older) and pediatric (infants and children up to 12 years of age). Students who successfully complete this course receives a certificate for Adult and Pediatric First Aid/CPR/AED through the American Red Cross valid for two years. Because the certificate for Adult CPR/AED is valid for two years, a student may file a Petition to Repeat KINE 119 if the course was completed more than 4 semesters ago. This is not an activity class.

Classification: AA/AS Degree; CSU transferable.

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

### **ENGLISH AS A SECOND LANGUAGE**

- 820 ESL for ECE. Curriculum
- 830 ESL for Child Development
- 840 ESL for ECE. Principles
- 860 ESL for Child, Family and Community

### **POLITICAL SCIENCE**

- 320 Latin American Politics

### **THEATRE ARTS**

- 201.3 Acting Lab III
- 201.4 Acting Lab IV
- 221 Stage Movement

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

### **COMPUTER BUSINESS OFFICE TECHNOLOGY**

- 435 Spreadsheets

### **COMPUTER SCIENCE**

- 295 Introduction to Cloud Computing
- 296 Database Essentials in the Cloud
- 297 Cloud Compute Engines
- 298 Cloud Security

**GEOGRAPHY**

- 100 Physical Geography
- 110 Cultural Geography
- 150 World Regional Geography

**METEOROLOGY**

- 100 Meteorology - Weather and Climate

**KINESIOLOGY, ATHLETICS AND DANCE – VARSITY SPORTS**

- 140 Varsity Golf

**THEATRE ARTS**

- 101 History of Theatre
- 140 Introduction to the Theatre
- 150 Script Analysis
- 160 Latin American Theatre
- 200 Acting I
- 201 Acting II
- 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
- 305 Technical Production I

**PROPOSED PROGRAM MODIFICATIONS – CAÑADA COLLEGE**

**COMPUTER INFORMATION SCIENCE**

- Cloud Computing** – Certificate of Achievement

**EARTH SCIENCE**

- Earth Science** – AS Degree Program

**GEOGRAPHY**

- Geography** – AA Degree Program

**INTERDISCIPLINARY STUDIES**

- Interdisciplinary Studies, Option 1, Cañada College Pattern: Social & Behavioral Sciences** – AA Degree Program
- Interdisciplinary Studies, Option 2, Transfer Pattern: Social & Behavioral Sciences** – (AA Degree Program)

**KINESIOLOGY, ATHLETICS AND DANCE**

**Dance** – AA Degree Program  
**Kinesiology** – AA Degree Program

**LATIN AMERICAN AND LATINO/A STUDIES**

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

**POLITICAL SCIENCE**

**Political Science** – AA Degree Program  
**Political Science** – AA-T Associate in Arts Degree for Transfer

**SPANISH**

**Spanish** – AA Degree Program  
**Spanish** – AA-T Associate in Arts Degree for Transfer

**THEATRE ARTS**

**Theatre Arts** – AA Degree Program