

**BOARD REPORT NO. 11-6-2B**

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Jing Luan, Ph.D., Vice Chancellor, Educational Services and Planning, 358-6880

**CURRICULAR ADDITIONS AND DELETIONS  
CAÑADA COLLEGE, COLLEGE OF SAN MATEO, AND SKYLINE COLLEGE**

The addition of 73 courses to, and the deletion of 12 courses from, the College catalogs are proposed by Cañada College, College of San Mateo, and Skyline College at this time. Additionally, 52 courses are proposed to be offered in the distance education mode. The addition of nine Associate Degrees, 12 Associate Degrees for Transfer, seven certificates of achievement, 13 certificates of specialization, one Career Certificate and seven program departments, as well as seven degrees/certificates and seven department deletions are also proposed. In addition to the degree/certificate deletions, six degrees/certificates were assigned inactive status.

In addition to the courses deleted, 184 courses in the fields of Accounting, Architecture, Art, Automotive Technology, Broadcasting, Business, Computer Applications and Office Technology, Computer and Information Science, Digital Media, Electronics, English, English as a Second Language, Fashion Design and Merchandising, Fire, Graphics, Horticulture, Health Science, Journalism, Literature, Multimedia, Physical Education, Political Science, Psychology, Social Science, Speech Communication, Sprinkler Fitter Apprenticeship, Theatre Arts, and Wellness were assigned inactive status, which removes them from the catalog and schedule. Since they have not been deleted, they can be more easily reinstated at a later time. If reinstatement is unlikely, these courses will be deleted in the coming years.

Each of the proposed courses has been reviewed by the appropriate Division Dean and approved by the College Curriculum or Instruction Committee, acting on behalf of the local Academic Senate. In addition, the Academic Senate Presidents provide oversight with respect to the necessary role of the local Senates in the review and approval process. The rigor of the approval process assures that each new course has substance and integrity in relation to its discipline and that it fills a clear student need not being served by existing course offerings.

**RECOMMENDATION**

It is recommended that the Board approve the attached curricular changes for the Cañada College, College of San Mateo and Skyline College catalogs.

**PROPOSED CURRICULAR ADDITIONS:****Cañada College**

## Anthropology

- 380 Travel Study in Anthropology – Preparing for the Trip
- 381 Travel Study in Anthropology

## Biological Sciences

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

## Communication Studies

- 110 Public Speaking
- 130 Interpersonal Communication
- 140 Small Group Communication
- 150 Intercultural Communication
- 180 Introduction to Communication Studies

## Computer Business Office Technology

- 460 Office Procedures in Today's World

## Interior Design

- 401 Sustainability and Energy-Efficient Homes
- 402 Green Remodeling and Energy-Water Efficiency

## Kinesiology, Athletics and Dance - Kinesiology

- 101 Introduction to Kinesiology
- 245 Principles and Techniques of Resistance, Balance and Flexibility Training
- 250 Personal Trainer Preparation: Anatomy and Physiology
- 251 Personal Trainer: Health Appraisal and Exercise Prescription
- 308 Prevention and Care of Athletic Injuries

## Multimedia Art and Technology

- 417 Principles of Animation
- 422 Introduction to Rigging

**College of San Mateo**

## Developmental Skills

- 800 Learning Skills Assessment for DSPS

## Digital Media

- 104 Digital Media Career Pathways
- 113 Digital Video Production
- 143 Motion Graphics

- 152 Advanced Digital Audio: Pro Tools
- 167 Web Design I: Fireworks
- 168 Web Design II: Dreamweaver
- 169 Web Design III: CSS

#### Fire

- 796 Emergency Medical Technician: Basic

#### Horticulture

- 402 Introduction to Floristry
- 403 Intermediate & Contemporary Floristry
- 406 Advanced Styles & Techniques in Floristry
- 407 Weddings, Tributes and Special Projects

#### Kinesiology – Kinesiology

- 101 Introduction to Kinesiology
- 200 Yoga History & Culture
- 201 Yoga Pedagogy Lecture
- 202 Yoga Pedagogy Lab

#### Kinesiology - Dance

- 390 Dance Composition/Theory/Choreography

#### Kinesiology - Fitness

- 226 Plyometric Conditioning
- 227 TRX® Suspension Training

#### Kinesiology – Team

- 141 Beginning Soccer
- 145 Advanced Soccer

#### Kinesiology – Varsity

- 172 Intercollegiate Cross Country: Men and Women

#### Music

- 424 Small Jazz Ensembles
- 425 Contemporary Jazz Combo

#### Social Science

- 325 Co-Occurring Disorders II – Management and Treatment

#### Sociology

- 121 Introduction to Research Methods

#### Sprinkler Fitter Apprenticeship

- 711 Sprinkler Fitter Apprenticeship I
- 712 Sprinkler Fitter Apprenticeship II

- 713 Sprinkler Fitter Apprenticeship III
- 714 Sprinkler Fitter Apprenticeship IV
- 715 Sprinkler Fitter Apprenticeship V
- 716 Sprinkler Fitter Apprenticeship VI
- 717 Sprinkler Fitter Apprenticeship VII
- 718 Sprinkler Fitter Apprenticeship VIII
- 719 Sprinkler Fitter Apprenticeship IX
- 720 Sprinkler Fitter Apprenticeship X

**Skyline College**

Administration of Justice

- 134 Traffic Enforcement and Investigation

Astronomy

- 101 Astronomy Laboratory

Automotive Technology

- 510 Basic Hybrid Powertrains
- 511 Principles of Hybrid and Electric Drives

Early Childhood Education

- 804 English for Childcare Providers

English for Speakers of Other Languages

- 804 English for Childcare Providers

Kinesiology – Fitness

- 107 Intercollegiate Fitness
- 199 Interactive Cardiovascular Fitness
- 219 Core Fitness Training

Kinesiology – Individual Sports

- 172 Golf: Improving the Mental Game

Kinesiology – Kinesiology

- 100 Introduction to Kinesiology

Learning Skills

- 828 Supplemental Learning Assistance for Basic Writing Skills

Music

- 106 Music Theory II

Physics

- 105 Conceptual Physics

## Psychology

238 Arab Cultural Psychology

## Sociology

143 Sociology of Migration and Immigration

## Wellness

760 Introduction to “Wholistic” Health

**PROPOSED TO BE OFFERED AS DISTANCE EDUCATION:****Cañada College**

## Business

110 Business Arithmetic

115 Business Mathematics

## Chemistry

410 Chemistry for Health Sciences

## Communication Studies

130 Interpersonal Communication

150 Intercultural Communication

## Economics

102 Principles of Micro Economics

## English as a Second Language

880CC Content-Based Language Skills I

## Health Science

432 CPR: Adult, Child, Infant for Healthcare Providers

## History

201 U.S. History through 1877

## Multimedia Art and Technology

417 Principles of Animation

## Political Science

170 Introduction to Comparative Politics

200 National, State and Local Governments

**College of San Mateo**

## Accounting

103 Ten-Key Skills

161 Intermediate Accounting I

## Astronomy

100 Introduction to Astronomy

## Biology

220 General Biology

## Business

317 Keyboarding Skill-Building

326 Electronic Filing and Records Management

## Chinese

211 Colloquial Mandarin Chinese I, Elementary

212 Colloquial Mandarin Chinese II, Elementary

## Computer and Information Science

111 Introduction to Internet Programming

490 Computer Forensics: Network Analysis and Defense

## Digital Media

104 Digital Media Career Pathways

167 Web Design I: Fireworks

168 Web Design II: Dreamweaver

169 Web Design III: CSS

## Engineering

230 Engineering Statics

## English as a Second Language

891 Accent Reduction for Non-Native Speakers

## Film

200 Film in Focus

## Horticulture

402 Introduction to Floristry

403 Intermediate & Contemporary Floristry

406 Advanced Styles & Techniques in Floristry

407 Weddings, Tributes and Special Projects

## Kinesiology – Fitness

134 Track and Trail Aerobics

## Philosophy

100 Introduction to Philosophy

## Reading

825 Introduction to College Reading

Sociology  
100 Introduction to Sociology

**Skyline College**

Accounting  
103 Ten Key Skills

Art  
107 Art of Our Times  
115 Art, Music and Ideas  
120 Art of the Americas  
130 Art Appreciation

English  
161 Creative Writing I  
162 Creative Writing II

Kinesiology – Fitness  
199 Interactive Cardiovascular Fitness

History  
202 United States History II

Literature  
373 Latin American Literature in Translation  
416 Modern European Literature in Translation

Mathematics  
201 Quantitative Reasoning

Music  
115 Music, Art and Ideas

Psychology  
410 Abnormal Psychology

Wellness  
760 Introduction to “Wholistic” Health

**PROPOSED CURRICULAR DELETIONS:**

**Cañada College**

Fashion Design and Merchandising  
230 Math for Merchandisers

Kinesiology, Athletics and Dance - Fitness

- 245 Principles and Techniques of Resistance, Balance and Flexibility Training
- 250 Personal Trainer Preparation: Anatomy and Physiology
- 251 Personal Trainer: Health Appraisal and Exercise Prescription

Kinesiology, Athletics and Dance - Theory

- 308 Prevention and Care of Athletic Injuries

Psychology

- 112 Applied Psychology through Film
- 202 Adolescent Behavior

Speech Communication

- 100 Public Speaking
- 102 Introduction to Communication Studies
- 111 Oral Interpretation
- 120 Interpersonal Communication
- 150 Intercultural Communication

**College of San Mateo**

None

**Skyline College**

None

**PROPOSED PROGRAM ADDITIONS:**

**Cañada College**

Communication Studies

Communication Studies – Associate in Arts Degree for Transfer

Early Childhood Education/Child Development

Early Childhood Education/Child Development – Associate in Science Degree for Transfer

Kinesiology

Kinesiology – Associate in Arts Degree for Transfer

Mathematics

Mathematics – Associate in Science Degree for Transfer

Physics

Physics – Associate in Science Degree for Transfer



Psychology

Psychology – Associate in Arts Degree for Transfer

Sociology

Sociology – Associate in Arts Degree for Transfer

**College of San Mateo**

Communication Studies – Associate in Arts Degree for Transfer

Digital Media

Broadcast and Electronic Media Concentrations

- Digital Audio Option – Associate in Arts Degree
- Digital Audio Option – Certificate of Specialization
- Digital Video Production Option – Associate in Arts Degree
- Television Producing Option – Associate in Arts Degree
- Video Journalism – Certificate of Specialization
- Television and Radio Broadcasting – Certificate of Specialization
- Lighting – Certificate of Specialization

Graphic Design Concentration – Associate in Arts Degree

Graphic Design Concentration – Certificate of Achievement

Graphic Design Concentration – Certificate of Specialization

Graphic Production – Certificate of Achievement

Graphic Production – Certificate of Specialization

Journalism Concentration– Associate in Arts Degree

Journalism Concentration– Certificate of Achievement

Web/Multimedia Concentrations

- Web Design Option – Associate in Arts Degree
- Web Design Option – Certificate of Achievement
- Web Design/Developer – Certificate of Specialization
- Digital Video – Certificate of Specialization
- Web Developer Option – Associate in Arts Degree
- Web Developer Option – Certificate of Achievement
- Multimedia Option – Associate in Arts Degree
- Multimedia Option – Certificate of Achievement
- Multimedia Option – Certificate of Specialization

Electronics Technology

Electrical Power Systems and Instrumentation - Certificate of Specialization

Kinesiology

Kinesiology – Associate in Arts Degree

Yoga Instructor – Certificate of Specialization

Mathematics – Associate in Science Degree for Transfer

Sociology – Associate in Arts Degree for Transfer

**Skyline College**

Automotive Technology

Asian Engine Performance Technology – Certificate of Achievement

Automotive Technician – Entry Level – Certificate of Specialization

Education

After School Program Assistant – Career Certificate

After School Program Associate Teacher – Certificate of Specialization

Mathematics

Mathematics – Associate in Science Degree for Transfer

Psychology

Psychology – Associate in Arts Degree for Transfer

**PROPOSED PROGRAM TITLE CHANGES:**

**Cañada College**

None

**College of San Mateo**

None

**Skyline College**

Communication Studies – Associate in Arts Degree (formerly Speech Communication)

**PROPOSED PROGRAM DELETIONS:**

**Cañada College**

None

**College of San Mateo**

Electronics Technology

Electronics Technology

- Option 3: Micro Computer Systems – Associate in Science Degree
- Option 3: Micro Computer Systems – Certificate of Achievement
- Option 4: General Electronics – Associate in Science Degree

- Option 4: General Electronics – Certificate of Achievement
- Advanced Placement – Associate in Science Degree
- Advanced Placement – Certificate of Achievement
- Electronics Assembly – Certificate of Specialization

**Skyline College**

None

**PROPOSED DEPARTMENT ADDITIONS:**

**Cañada College**

Communication Studies (COMM)

Kinesiology (KINE)

**College of San Mateo**

Communication Studies (COMM)

Kinesiology (KINE)

**Skyline College**

Communication Studies (COMM)

Drama (DRAM)

Kinesiology (KINE)

**PROPOSED DEPARTMENT DELETIONS:**

**Cañada College**

Speech Communication (SPCH)

**College of San Mateo**

Broadcast and Electronic Media (BSCT)

Graphics (GRA)

Journalism (JOUR)

Multimedia (MULT)

Speech Communication (SPCH)

**Skyline College**

Speech Communication (SPCH)

San Mateo County Community College District

June 22, 2011

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

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **ANTHROPOLOGY**

380 TRAVEL STUDY IN ANTHROPOLOGY – PREPARING FOR THE TRIP (1.0-2.0) (day or evening)

Justification: This class is designed to provide context for ANTH 381, Travel Study in Anthropology. Students need to be prepared for ANTH 381 so that they understand not only what they will be seeing but also what they could encounter or experience. This course prepares students for the travel experience to a specific anthropological site. Appropriate behavior, cultural issues, and history of the place will be discussed prior to the trip. This course provides an Honors experience for those students who are transferring to 4-year institutions.

Prerequisite(s): ANTH 110 or 125 or 351.

Recommended Skills Level: Eligibility for ENGL 100, and MATH 110 or 111.

Description: Prepares students for a travel experience that focuses on Anthropology by reinforcing the knowledge learned in other Anthropology classes through application of concepts. The purpose of the course is to give context to the trip abroad so that students understand not only what they are seeing but are able to analyze the cultural experience as an Anthropologist would. Topics include learning about the culture, history, and/or archaeology of a particular place. The result is a high-impact educational experience.

Classification: AA/AS Degree; CSU transferable; Honors Program.

381 TRAVEL STUDY IN ANTHROPOLOGY (1.5-3.0) (day or evening)

Justification: Students apply their knowledge of Anthropology through traveling. The need for this course is great, as Anthropology traditionally focuses on non-western cultures. Through traveling, the instructor can discuss topics such as culture shock and ethnocentrism at a deeper level while students are experiencing these things. It also exposes students to a culture about which they would not otherwise learn. The experience breaks stereotypes down that a student might hold of a culture, and leads to a greater understanding of the importance of cultural diversity and adaptation of the human species. This course will become part of the Anthropology selective requirements and provides an Honors experience for those students who are transferring to 4-year institutions.

Prerequisite(s): ANTH 380.

Description: Students travel under the supervision of an experienced anthropologist. They apply the knowledge gained through the preliminary seminar and other anthropology courses to the experience of visiting archaeological, cultural and/or historical sites. The result is a high-impact educational experience.

Classification: AA/AS Degree; CSU transferable; Honors Program.

## **BIOLOGICAL SCIENCES**

380 TRAVEL STUDY IN BIOLOGY – PREPARING FOR THE TRIP (1.0-2.0) (day or evening)

Justification: This class gives context to BIOL 381, a travel study course. Travel courses immerse students in environments that let them clearly make connections between academic theories and real-world applications. This course specifically prepares students for the travel experience and helps them to think about the trip with a biological perspective. This preparatory course ensures that the trip is an academic experience, not merely a recreational tour. This course provides an Honors experience for those students who are transferring to 4-year institutions.

Prerequisite(s): BIOL 110 or equivalent.

Recommended Skills Level: Eligibility for ENGL 100, and MATH 110 or 111.

Description: This course prepares students for a travel experience focused on biological concepts, especially evolution, as shown by ecosystems and adaptations of organisms. Coursework includes case studies, videos, guest lectures, and museum visits. The course gives context to the trip experience so that students not only understand what they are seeing, but are able to observe and analyze the environment as a biologist would.

Classification: AA/AS Degree; CSU transferable; Honors Program.

381 TRAVEL STUDY IN BIOLOGY (1.5-3.0) (day or evening)

Justification: Students apply their knowledge of biology through traveling to areas of biological importance. There is no better way to understand ecology than through direct experience. Instructors can discuss topics such as biodiversity and evolutionary adaptation at a deeper level while students are immersed in environments that display these things. It also exposes students to environments they might not otherwise travel to, and allows deeper analysis of their observations with the guidance of a biologist. This course will become part of the Biology selective requirements and provides an Honors experience for those students who are transferring to 4-year institutions.

Prerequisite(s): BIOL 380.

Description: Students travel under the supervision of an experienced biologist. They apply the knowledge gained through the preliminary course and other biology courses to the exploration of sites with ecological and evolutionary significance. Concepts of biodiversity, adaptation, and webs of life are experienced first-hand.

Classification: AA/AS Degree; CSU transferable; Honors Program.

## **COMMUNICATION STUDIES**

### 110 PUBLIC SPEAKING (3.0) (day or evening)

Justification: This course was formerly called Speech 100. We are changing the department name from Speech to Communication Studies to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AA-T in Communication Studies.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for ENGL 100.

Description: This course provides practical introduction to the fundamental principles of public speaking through an audience-centered approach, and a forum for practicing public speaking skills. Students discover, develop, and criticize ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches, including informative and persuasive speeches. Critical thinking and listening skills are realized through speaker and audience analysis. Speeches are delivered in both impromptu (spontaneous) and extemporaneous (prepared) modes.

Classification: AA/AS Degree; CSU, UC transferable; Honors Program.

### 130 INTERPERSONAL COMMUNICATION (3.0) (day or evening, distance education)

Justification: This course was formerly called Speech 120. We are changing the department name from Speech to Communication Studies to reflect state and national trends, and align with the

Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AA-T in Communication Studies.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for ENGL 100.

Description: Introduction to various forms of interpersonal communication. Focus on theoretical and practical considerations of behaviors which facilitate or block successful private discourse and the role interpersonal communication plays in the formation and maintenance of identity. Class presentations required.

Classification: AA/AS Degree; CSU, UC transferable.

140 SMALL GROUP COMMUNICATION (3.0) (day or evening)

Justification: We are changing the department name from Speech to Communication Studies to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AA-T in Communication Studies.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for ENGL 100.

Description: This course explores current theories in small group communication, examining group development, group tasks and roles, group processes, and the role of collaboration in critical thinking. Students interact in a variety of group projects, exploring their role within groups, leadership and group work, and diversity in groups.

Classification: AA/AS Degree; CSU, UC transferable.

150 INTERCULTURAL COMMUNICATION (3.0) (day or evening, distance education)

Justification: This course was formerly called Speech 150. We are changing the department name from Speech to Communication Studies to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AA-T in Communication Studies.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for ENGL 100.

Description: Designed for students of all cultural backgrounds. Introduction to intercultural communication principles and processes; provides for the development of a more global



communication perspective and greater appreciation of other cultures through increased awareness of, and sensitivity to different cultural viewpoints influenced by variables including language, verbal and nonverbal communication, cultural values, gender identification, technology and media impact. This course allows students to examine and improve their intercultural communication competence. (Fulfills Associate degree Ethnic Studies requirement.)

Classification: AA/AS Degree; CSU, UC transferable.

### 180 INTRODUCTION TO COMMUNICATION STUDIES (3.0) (day or evening)

Justification: This course was formerly called Speech 102. We are changing the department name from Speech to Communication Studies to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AA-T in Communication Studies.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for ENGL 100.

Description: This course explores the history, theoretical models, research methods, and trends of human communication, exploring a range of communication contexts through multiple lenses. The course uses an interdisciplinary approach to examine the intersections of communication and critical thinking, civic engagement, identity, human organizations.

Classification: AA/AS Degree; CSU, UC transferable.

## **COMPUTER BUSINESS OFFICE TECHNOLOGY**

### 460 OFFICE PROCEDURES IN TODAY'S WORLD (3.0) (day or evening)

Justification: Teach students to develop the knowledge, skills, strategies, and techniques needed to perform common tasks and basic hands-on office procedures in today's digital, competitive, diverse, and global business environment. This course has been added to the Administrative Assistant certificate and degree (AS) and was highly recommended by the Advisory Board members.

Prerequisite(s): CBOT 457 and 474 or equivalent.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Learn to develop the hands-on essential skills, strategies, and techniques needed to perform the latest digital office procedures in any workplace. Office simulation is used for realistic workplace challenges. Build a portfolio from your assignments. Topics covered include: developing professional skills; preparing for your employment; time management; telecommunications; building communications skills, processing mail; records management;

banking and accounting procedures; scheduling appointments; travel arrangements; planning meetings and conferences; and developing effective oral presentations. This course is for those who are new to an office environment or need to update their office skills.

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

## **INTERIOR DESIGN**

401 SUSTAINABILITY AND ENERGY-EFFICIENT HOMES (1.5) (day or evening)

Justification: This course is part of the HERO (Home Energy Retrofit) grant and will be part of the new certificate and degree in Sustainability through the Interior Design Department.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Provides an introduction to the planning and design of energy-efficient, high-quality, and healthy homes. Marketing strategies for homebuyers, owners, and remodelers, CALGreen Codes and LEED rating system for homes are covered. The most recent market trends for green building products and green homes are presented.

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

402 GREEN REMODELING AND ENERGY-WATER EFFICIENCY (3.0) (day or evening)

Justification: This course is part of the HERO (Home Energy Retrofit) grant and will be part of the new certificate and degree in Sustainability through the Interior Design Department.

Prerequisite(s): ARCH 110 and INTD 400 or equivalent.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Covers the basics of green remodeling design for residential and commercial interiors using the GreenPoint Rated checklist developed by the Build It Green organization, and LEED for Interior Design and Construction checklist developed by USGBC, the United States Green Building Council. This is a project based course including development of floor plans, furniture arrangements, interior elevations, mechanical/electrical plans, and plumbing features. Assessment of products and materials used for interior remodeling are included.

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

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

101 INTRODUCTION TO KINESIOLOGY (3.0) (day or evening)

Justification: We are aligning with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AS-T in Kinesiology and a selective for both the Fitness Professional Associate in Science Degree and Certificate of Achievement.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: This course explores the broad spectrum of Kinesiology and its subdisciplines. It includes fundamental concepts of movement and physical activity, sociocultural influences, career options, current issues in the field of kinesiology and professional responsibilities. Students initiate their professional portfolio in this course.

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

245 PRINCIPLES AND TECHNIQUES OF RESISTANCE, BALANCE AND FLEXIBILITY TRAINING (3.0) (day or evening)

Justification: We are aligning with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the AS-T in Kinesiology and a selective for both the Fitness Professional Associate in Science Degree and Certificate of Achievement.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Learn basic training principles when designing resistance, balance and flexibility training programs. The course examines body mechanics of various exercises stressing proper form on machines, free weights, tubes, balls and mats. Students assess how to position clients to get the proper anatomical positioning throughout the exercise.

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

250 PERSONAL TRAINER PREPARATION: ANATOMY AND PHYSIOLOGY (3.0) (day or evening)

Justification: This course was formerly called FITN 250. We are changing the department name from Physical Education to Kinesiology to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the Fitness Professional Associate in Science Degree and Certificate of Achievement.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Comprehensive coverage of functional anatomy, exercise physiology, nutrition, weight management, cardiovascular pathology and related risk factors. Successful completion of this course assists students who are preparing for a variety of national certification exams for Exercise Leaders including the American College of Sports Medicine (ACSM) and the American Council on Exercise (ACE).

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

251 PERSONAL TRAINER: HEALTH APPRAISAL AND EXERCISE PRESCRIPTION (3.0)  
(day or evening)

Justification: This course was formerly called FITN 251. We are changing the department name from Physical Education to Kinesiology to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the Fitness Professional Associate in Science Degree and Certificate of Achievement.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Comprehensive coverage of health appraisal screening, health assessment techniques, fitness testing assessment, metabolic calculations, exercise programming and techniques to change health behaviors. Successful completion of this course assists the students in preparing for a variety of national certification exams for exercise leader including the American College of Sports Medicine (ACSM) and the American Council on Exercise (ACE).

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

308 PREVENTION AND CARE OF ATHLETIC INJURIES (3.0) (day or evening)

Justification: This course was formerly called P.E. 308. We are changing the department name from Physical Education to Kinesiology to reflect state and national trends, and align with the Transfer Model Curriculum developed in response to SB 1440. This course will be part of the core curriculum for the Fitness Professional Associate in Science Degree and Certificate of Achievement.

Prerequisite(s): BIOL 250 or FITN 250 or KINE 250.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Introduction to the basic principles of prevention, assessment, treatment, and rehabilitation of athletic related injuries. Includes basic anatomical and physiological aspects, evaluation and assessment, as well as considerations and overview of injuries with treatment protocols.

Classification: AA/AS Degree; Certificate; CSU, UC transferable.

## **MULTIMEDIA ART AND TECHNOLOGY**

417 PRINCIPLES OF ANIMATION (3.0) (day or evening, distance education)

Justification: The understanding and use of the fundamental principles of animation are a requirement for an animator or motion graphic artist to compete and succeed in the professional arena. Currently, these principles are taught in a piecemeal fashion in several courses. A Principles of Animation course would consolidate this information into one course, providing both Multimedia and 3D students with a solid foundation from which to continue their studies, as well as freeing up time in the several courses where these techniques are currently covered to delve more deeply into specifics of those particular topics. This course is a core requirement for both the 3D Animation and Video Game Art, and the Multimedia Art and Technology Associate in Science degrees and Certificates of Achievement.

Prerequisite(s): None.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Using paper and pencil, students learn the fundamental principles underlying all quality animation. Techniques like squash and stretch, overlap, follow-through, weight, arcs, solid dimensional drawing, and appeal are presented. Applying traditional animation skills to applications like Flash, After Effects, and Maya are also included.

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

422 INTRODUCTION TO RIGGING (3.0) (day or evening, distance education)

Justification: Rigging is a fundamental task in the 3D production pipeline, and one that requires very specialized knowledge. Currently, the Cañada curriculum covers this subject very briefly, providing students with a taste of the process and the tools involved; however, a student who develops an interest in this task has no additional course to take to strengthen his or her skills. A rigging course would allow the 3D faculty to delve more deeply into this subject area, enriching the Multimedia curriculum and providing an opportunity for students to hone their skills. This course would follow the introductory course (MART 420) for those students interested in exploring this career area. This course is a core requirement for both the 3D Animation and Video Game Art, and the Multimedia Art and Technology Associate in Science degrees and Certificates of Achievement.

Prerequisite(s): MART 420.

Recommended Skills Level: Eligibility for READ 836, and ENGL 836 or ESL 400.

Description: Basic and advanced rigging techniques for 3D models using Autodesk Maya. Students explore character rigging, vertex weighting, control setup, IK/FK switching, on-screen control setup and advanced blend shape techniques. Also introduced will be MEL scripting, creating and using expressions, creating channels and setting up functionality with set driven keys.

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

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

### **BUSINESS**

- 110 Business Arithmetic
- 115 Business Mathematics

### **CHEMISTRY**

- 410 Chemistry for Health Sciences

### **COMMUNICATION STUDIES**

- 130 Interpersonal Communication
- 150 Intercultural Communication

### **ECONOMICS**

- 102 Principles of Micro Economics

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

- 880CC Content-Based Language Skills I

### **HEALTH SCIENCE**

- 432 CPR: Adult, Child, Infant for Healthcare Providers

### **HISTORY**

- 201 U.S. History through 1877

### **MULTIMEDIA ART AND TECHNOLOGY**

- 417 Principles of Animation

### **POLITICAL SCIENCE**

- 170 Introduction to Comparative Politics
- 200 National, State and Local Governments

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

### **FASHION DESIGN AND MERCHANDISING**

#### **230 MATH FOR MERCHANDISERS**

Justification: Math for Merchandisers course has not been offered and students will take BUS. 115 in its place.

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

#### **245 PRINCIPLES AND TECHNIQUES OF RESISTANCE, BALANCE AND FLEXIBILITY TRAINING**

Justification: KINE 245 is replacing FITN 245 to reflect state and national trends, and align the department with TMC/SB 1440 guidelines.

#### **250 PERSONAL TRAINER PREPARATION: ANATOMY AND PHYSIOLOGY**

Justification: KINE 250 is replacing FITN 250 to reflect state and national trends, and align the department with TMC/SB 1440 guidelines.

#### **251 PERSONAL TRAINER: HEALTH APPRAISAL AND EXERCISE PRESCRIPTION**

Justification: KINE 251 is replacing FITN 251 to reflect state and national trends, and align the department with TMC/SB 1440 guidelines.

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

#### **308 PREVENTION AND CARE OF ATHLETIC INJURIES**

Justification: KINE 308 is replacing P.E 308 to reflect state and national trends, and align the department with TMC/SB 1440 guidelines.

### **PSYCHOLOGY**

#### **112 APPLIED PSYCHOLOGY THROUGH FILM**

Justification: PSYC 112 has not been offered in over 10 years. The course does not meet the AA-T Psychology degree requirements for transfer.

#### **202 ADOLESCENT BEHAVIOR**

Justification: PSYC 202 has not been offered in over 10 years. The course does not meet the AA-T Psychology degree requirements for transfer.

## **SPEECH COMMUNICATION**

### **100 PUBLIC SPEAKING**

Justification: This course is being deleted in order to reflect state and national trends, and align the department with TMC/SB 1440 guidelines. SPCH 100 will be replaced by COMM 100 which is a core requirement for the new AA-T degree.

### **102 INTRODUCTION TO COMMUNICATION STUDIES**

Justification: This course is being deleted in order to reflect state and national trends, and align the department with TMC/SB 1440 guidelines. SPCH 102 will be replaced by COMM 102 which is a core requirement for the new AA-T degree.

### **111 ORAL INTERPRETATION**

Justification: This course is being deleted in order to reflect state and national trends, and align the department with TMC/SB 1440 guidelines. This course is being deleted because it is not part of the requirements for the new AA-T in Communication Studies degree.

### **120 INTERPERSONAL COMMUNICATION**

Justification: This course is being deleted in order to reflect state and national trends, and align the department with TMC/SB 1440 guidelines. This course is being replaced by COMM 120 which is a core requirement in the new AA-T Communications degree.

### **150 INTERCULTURAL COMMUNICATION**

Justification: This course is being deleted in order to reflect state and national trends, and align the department with TMC/SB 1440 guidelines. SPCH 150 will be replaced by COMM 150 which is a core requirement for the new AA-T degree.

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

Cañada College proposes to offer an Associate Degree, Associate Degree for transfer, and/or Certificate of Achievement (12 units or more), in the following programs:

### **COMMUNICATION STUDIES**

**Communication Studies** – Associate in Arts Degree for Transfer – (18 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer



Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **EARLY CHILDHOOD EDUCATION/CHILD DEVELOPMENT**

**Early Childhood Education/Child Development** – Associate in Science Degree for Transfer – (24 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **KINESIOLOGY**

**Kinesiology** – Associate in Arts Degree for Transfer – (21 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **MATHEMATICS**

**Mathematics** – Associate in Science Degree for Transfer – (21 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **PHYSICS**

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

### **PSYCHOLOGY**

**Psychology** – Associate in Arts Degree for Transfer – (19-20 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **SOCIOLOGY**

**Sociology** – Associate in Arts Degree for Transfer – (19 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

### **PROPOSED PROGRAM DELETIONS – CAÑADA COLLEGE**

None.

### **PROPOSED DEPARTMENT ADDITIONS – CAÑADA COLLEGE**

Cañada College proposes to add the following program departments:

### **COMMUNICATION STUDIES (COMM)**

The Department is requesting a name change from Speech Communication Studies (deletion of SPCH discipline) to the Department of Communication Studies. Also, we are requesting the new discipline name as Communication Studies (COMM) for all Communication Studies coursework. The faculty met and unanimously approved this action. The reasons for this change in title include the following:

- A desire to align with the 4-year colleges and universities, most of whom have already changed their discipline title to Communication Studies.
- This more closely describes our profession. Communication studies focuses on the ways humans use communication to shape identity and ideas. Graduates will transfer with both an understanding of important communication theory as well as demonstrated proficiency in communication skills. Communication studies majors will explore a variety of communication contexts, from intimate relationships, to public address, to new and emergent media, exploring the many ways communication shapes our identities and our realities. Given this context, there is a need to define the department beyond the traditional parameters of Speech.
- The state academic senate has approved the Communication Studies major to be added to the Disciplines List (TMC) and thus recognized the shift in this direction. Our discipline title name change would provide clarity and consistency to students.
- The discipline faculty members are currently working hard to reshape department programs by developing majors and certificate programs for transfer and workforce training. The name change would be an appropriate measure by which to distinguish our program.

### **KINESIOLOGY (KINE)**

The Department is requesting a name change from Physical Education and Athletics to the Department of Kinesiology, Athletics and Dance. Also, we are requesting the new discipline name as Kinesiology (KINE) for all kinesiology coursework. The faculty met and unanimously approved this action. The reasons for this change in title include the following:

- A desire to align with the 4-year colleges and universities, most of whom have already changed their discipline title to Kinesiology.
- A trend in the field. Community colleges are proceeding in this direction with Cabrillo College and College of San Mateo having already taken this action. Others such as Sacramento City College, Mission College, Gavilan College and Diablo Valley College are in the process of changing their name.
- This more closely describes our profession. As defined, “Kinesiology is the academic discipline which involves the art and science of physical activity, human movement and

its impact on health, society and quality of life.” The discipline is integral to an inclusive and comprehensive Liberal Arts education.

- The state academic senate has approved Kinesiology and Exercise Science majors be added to the Disciplines List (TMC) and thus recognized the shift in this direction. Our discipline title name change would provide clarity and consistency to students.
- The discipline faculty members are currently working hard to reshape department programs by developing majors and certificate programs for transfer and workforce training. The name change would be an appropriate measure by which to distinguish our program.

## **PROPOSED DEPARTMENT DELETIONS – CAÑADA COLLEGE**

### **SPEECH COMMUNICATION (SPCH)**

The deletion of Speech Communication is being made to meet the requirements of SB 1440, and align the current program with national and state program trends. Speech Communication (SPCH) is being replaced by Communication Studies (COMM) as outlined above.

San Mateo County Community College District

June 22, 2011

PREPARED BY: Susan Estes, Ph.D., Vice President, Instruction  
College of San Mateo

APPROVED BY: Laura Demsetz, Chair, Curriculum Committee  
College of San Mateo

Diana Bennett, President, Academic Senate  
College of San Mateo

Michael Claire, President  
College of San Mateo

## **PROPOSED CURRICULAR ADDITIONS – COLLEGE OF SAN MATEO**

### COURSE DESCRIPTIONS AND JUSTIFICATIONS

#### **DEVELOPMENTAL SKILLS**

800 LEARNING SKILLS ASSESSMENT FOR DSPTS (0.5) (day or evening)

Justification: This course will be the first step to the learning disabilities assessment process. It will assist students to prepare for the LD testing and how to use the test results to successfully engage in the college educational experience.

Prerequisite: None.

Recommended Preparation: None.

Description: This course provides students with information about learning disabilities and the eligibility process for receiving services as a student with a learning disability. It facilitates a process for self-exploration designed to better understand learning styles, learning strengths and weaknesses, effective study skills, learning strategies, and habits that align with personal learning styles. (Units do not apply toward the AA/AS degree.)

Classification: Not degree applicable; not transferable.

#### **DIGITAL MEDIA**

104 DIGITAL MEDIA CAREER PATHWAYS (3.0) (day or evening, distance education)

Justification: Through the Media PIV process, the Multimedia program received input from the PIV committee and from industry experts and is implementing major changes in the program as well as merging Multimedia, Broadcast and Electronic Media, Graphics, and Journalism into a cohesive Digital Media Program.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: Digital Media Career Pathways focuses on digital media career avenues within creative industries. The course details the various skills needed in the areas of Graphic Design, Gaming and Animation, Interactive Media, Broadcast, Digital Photography and Digital Music. Those who complete the course will have an idea as to what digital media area(s) they may want to pursue as well as how to go about actively pursuing them.

Classification: AA/AS Degree; CSU transferable.

### 113 DIGITAL VIDEO PRODUCTION (3.0) (day or evening)

Justification: This course is an existing Broadcast & Electronic Media course, BCST 320 Digital TV Field Production, that is being transitioned to Digital Media. DGME 113 teaches students to work more independently, either solo or in small crews, unlike the large team aspect of TV studio production. This course is required for all of the degrees and certificates in Broadcast & Electronic Media. Paired with DGME 112 TV Studio Production, this course articulates to SFSU's Broadcasting program as BECA 240 & 241.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: Students will acquire the skills necessary to make professional level video productions, which may be used in documentaries, music videos, TV productions, commercials, news reports, and digital films. Covers video field production from planning and scripting, through shooting and editing. Students learn on-location production techniques and technologies, such as shooting to edit. Hands-on training allows students to develop skills in camera operation, audio, and lighting. Includes digital video editing in Final Cut Pro.

Classification: AA/AS Degree; CSU transferable.

### 143 MOTION GRAPHICS (3.0) (day or evening)

Justification: DGME 143 Motion Graphics is an update of DGME 142 Motion Graphics. DGME 143 has 48 lecture hours, 16 lab hours, and is a 3.0 unit class. DGME 142 Motion Graphics has 32 lecture hours, 16 lab hours, and is a 1.5 unit class. This update increases the unit count and adds an introduction to DVD authoring to the course outline.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: Students will learn how to use motion graphics and special effects to enhance video and communicate information. Students will design graphics for TV and multimedia. They will use common software applications to build effective and compelling motion graphics. Lessons include the art of key framing to create motion and the use of chroma-key (green scale) for special effects. Students will also be introduced to DVD authoring and compression techniques.

Classification: AA/AS Degree; CSU transferable.

152 ADVANCED DIGITAL AUDIO: PRO TOOLS (3.0) (day or evening)

Justification: DGME 152 Advanced Digital Audio Production: Pro Tools is an update of DGME 192 Studio Recording and Mixing Using Pro Tools LE. DGME 152 Advanced Digital Audio Production: Pro Tools has 48 lecture hours, 16 lab hours, and is a 3.0 unit class. The class title has been changed and minor changes have been made to the class description. DGME 192 Studio Recording and Mixing Using Pro Tools LE has 32 lecture hours, 48 lab hours, and is a 2.0 unit class.

Prerequisite: DGME 118 Digital Audio Production or equivalent.

Recommended Preparation: None.

Description: This class is about digital studio recording and "mixing in the box" using Pro Tools. Students will expand their study of Pro Tools by planning and engineering a recording session. Students will then mix the recording session using the available software plug-ins within the Pro Tools application. Other topics include advanced editing, audio compositing, and recording session management.

Classification: AA/AS Degree; CSU transferable.

167 WEB-DESIGN I: FIREWORKS (3.0) (day or evening, distance education)

Justification: Through the PIV process, the Multimedia program received input from the PIV committee and from industry experts and are implementing major changes in the program as well as merging Multimedia, Broadcast, Graphics and Journalism into a cohesive Digital Media Program. DGME 167 is replacing DGME 161.

Prerequisite: None.

Recommended Preparation: DGME 212 or equivalent and eligibility for ENGL 838/848 or equivalent.

Description: This course will cover the use and creation of media graphic techniques as we explore important concepts: effective screen design, pixel aspect ratio, chroma key, color models, overlays, DVD menus, interactive buttons, hotspots, animation and integration with other software. Students will produce functional interface designs for web, video, and broadcast. Software: Adobe Fireworks®.

Classification: AA/AS Degree; CSU transferable.

168 WEB-DESIGN II: DREAMWEAVER (3.0) (day or evening, distance education)

Justification: Through the PIV process, the Multimedia program received input from the PIV committee and from industry experts and are implementing major changes in the program as well as merging Multimedia, Broadcast, Graphics and Journalism into a cohesive Digital Media Program. DGME 168 is replacing DGME 162.

Prerequisite: DGME 167 or equivalent.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: This course will cover basic web design principles. Students will learn the fundamentals of creating a website, basic layout, discussion of HTML, navigation, browser compatibility, graphic user interface design, usability, and accessibility. Students will build a basic website following accepted design layout and World Wide Web Consortium (W3C) standards. Software: Dreamweaver®.

Classification: AA/AS Degree; CSU transferable.

169 WEB-DESIGN III: CSS (3.0) (day or evening, distance education)

Justification: Through the PIV process, the Multimedia program received input from the PIV committee and from industry experts and are implementing major changes in the program as well as merging Multimedia, Broadcast, Graphics and Journalism into a cohesive Digital Media Program. DGME 169 is replacing DGME 163.

Prerequisite: DGME 168 or equivalent.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: This course focuses on the complete web creation process—from concept to finish. Students will create flow charts, storyboards, mock-ups, and perform user testing while learning complex web concepts and techniques. Topics include: CSS layouts, advanced templates, dynamic content, interactivity and animation with Flash objects and Behaviors. Upon completion, students will be able to apply design techniques to create high impact and highly functional web pages. Software: Dreamweaver®.

Classification: AA/AS Degree; CSU transferable.

## **FIRE**

796 EMERGENCY MEDICAL TECHNICIAN: BASIC (10.0) (day or evening)

Justification: On January 1, 2005, the State Fire Marshal Office of the State of California adopted the National Registry as the standard for EMT: Basic training. The National Registry curriculum has been expanded (content and hours), requiring not only an update but a course number change.

Prerequisite: Current certification in health care provider/professional rescuer CPR (Cardiopulmonary Resuscitation) through an accredited agency.

Recommended Preparation: None.

Description: This course provides instruction in basic life support/pre-hospital care using the National Registry curriculum.

Classification: AA/AS Degree; CSU transferable.

## **HORTICULTURE**

402 INTRODUCTION TO FLORISTRY (3.0) (day or evening, distance education)

Justification: This course is the beginning floristry course. It is a pre-requisite for succeeding courses. This course is part of the A.A. degree in Horticulture requirements, major in floristry, and Certificate of Achievement in Floristry. This course is also the beginning course to prepare students for professional floral design and the pathway to certification/accreditation.

Prerequisite: None.

Recommended Preparation: None.

Description: Basic introduction to floral design. Principles, elements, and mechanics of floral design used by the professional industry. Examines basic styles of Western Geometric design, and introduces Ikebana, European, and designing with dried and permanent botanicals. Flower identification and handling, and beginning commercial design applications

Classification: AA/AS Degree; CSU transferable.

403 INTERMEDIATE & CONTEMPORARY FLORISTRY (3.0) (day or evening, distance education)

Justification: This course is the intermediate floristry course. It is a pre-requisite for succeeding courses. This course is part of the A.A. degree in Horticulture requirements, major in floristry, and Certificate of Achievement in Floristry. This course is also the intermediate course to prepare students for professional floral design and the pathway to certification/accreditation.

Prerequisite: HORT 402.

Recommended Preparation: None.

Description: Continuation of the study of floristry and intermediate floral design, emphasizing contemporary styles and techniques. Examines stylistic considerations and creative variety in the use and compositions of fresh, dried, permanent botanicals and manipulated florals. Practical application and construction of both decorative and natural design styles used in American, European, Ikebana, and other approaches. Examines intermediate concepts in principles and elements of design, and introduces applications in home décor, wedding, and sympathy

Classification: AA/AS Degree; CSU transferable.

406 ADVANCED STYLES & TECHNIQUES IN FLORISTRY (3.0) (day or evening, distance education)

Justification: This course is the advanced floristry course. It is a pre-requisite for succeeding courses. This course is part of the A.A. degree in Horticulture requirements, major in floristry,



and Certificate of Achievement in Floristry. This course is also the advanced course to prepare students for professional floral design and the pathway to certification/accreditation.

Prerequisite: HORT 403.

Recommended Preparation: None.

Description: Continuation of the study of floristry and advanced floral design, emphasizing advanced styles and techniques. Examines advanced design styles and creative variety in the use and compositions of fresh, dried, permanent botanicals and manipulated florals. Practical application and construction of advanced compositions or interpretations used in European, Ikebana, and modern approaches. Examines advanced concepts in principles and elements of design, and continues study of the range of modern commercial applications.

Classification: AA/AS Degree; CSU transferable.

407 WEDDINGS, TRIBUTES AND SPECIAL PROJECTS (2.0) (day or evening, distance education)

Justification: This course is an advanced floristry course. This course is part of the A.A. degree in Horticulture requirements, major in floristry, and Certificate of Achievement in Floristry. This course is also the advanced course to prepare students for professional floral design and the pathway to certification/accreditation.

Prerequisite: HORT 406.

Recommended Preparation: None.

Description: Continuation of the study of floristry and advanced floral design, emphasizing commercial projects and installations. Current commercial opportunities for floral designers and latest commercial design trends. Examines weddings, large installations, stage set ups, tributes and special events. Event planning, commercial mechanics, color and scale, visual merchandising. Planning and execution of large installations. Practical applications with Western, European, and Asian Influence. Examines advanced concepts in principles and elements of design, and emphasizes mechanics for large-scale designs.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY - KINESIOLOGY**

101 INTRODUCTION TO KINESIOLOGY (3.0) (day or evening)

Justification: The division is currently engaged in developing courses that will articulate with the Transfer Model Curriculum in Kinesiology. The Introduction to Kinesiology is a required course at CSU and will be required in the TMC. The course will also serve as our cornerstone to the degree in Kinesiology which is currently in development

Prerequisite: None.

Recommended Preparation: None.

Description: This course explores the broad spectrum of kinesiology as an academic discipline, fundamental concepts and meaning of movement/physical activity, diversity of humans as moving beings, professional/career options, current/social issues, personal characteristics/professional responsibilities.

Classification: AA/AS Degree; CSU transferable.

200 YOGA HISTORY & CULTURE (3.0) (day or evening)

Justification: This Course is a requirement of the CSM Yoga Instructor Certificate Program. The Yoga Instructor Certificate Program at College of San Mateo prepares students for job placement at health clubs, fitness centers, and privately owned studios.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 838/848.

Description: This course is designed as a survey of the history and culture of yoga, both as a historical practice and a physical discipline. Students will learn about the different types of Hatha yoga, breathing, nutrition, mudras, mantras, and the history of yogic practice. This course is designed as part of the Yoga Teacher Training Certificate program.

Classification: AA/AS Degree; CSU transferable.

201 YOGA PEDAGOGY LECTURE (3.0) (day or evening)

Justification: This Course is a requirement of the CSM Yoga Instructor Certificate Program. The Yoga Instructor Certificate Program at College of San Mateo prepares students for job placement at health clubs, fitness centers, and privately owned studios.

Prerequisite: None.

Recommended Preparation: None.

Description: This course is designed as an introduction to teaching the physical discipline of Hatha yoga. Students will learn about the different types of Hatha yoga, anatomy, injury prevention, cueing, ethics and develop their own yoga class. This course is designed as part of the Yoga Teacher Training Certificate program. It is recommended that students take KINE 202 concurrently.

Classification: AA/AS Degree; CSU transferable.

202 YOGA PEDAGOGY LAB (1.0) (day or evening)

Justification: This Course is a requirement of the CSM Yoga Instructor Certificate Program. The Yoga Instructor Certificate Program at College of San Mateo prepares students for job placement at health clubs, fitness centers, and privately owned studios.

Prerequisite: Completion of or concurrent enrollment in KINE 201.

Recommended Preparation: Eligibility for ENGL 838/848 or equivalent.

Description: This course is designed as an introduction to teaching the physical discipline of Hatha yoga. Students will assist professors in teaching a yoga course to their peers in order to develop their skills in teaching yoga poses, preventing injuries, verbal cueing, practicing sound ethics and developing their own yoga class. This course is designed as part of the Yoga Teacher Training Certificate program.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY - DANCE**

390 DANCE COMPOSITION/THEORY/CHOREOGRAPHY (2.5 or 3.0) (day or evening)

Justification: A course in Dance Composition and Theory is a basic element in a dance degree, and we will be proposing a new dance degree.

Prerequisite: None.

Recommended Preparation: DANC 121, 131, 132, 141 or 143.

Description: This course is intended for students with dance experience. Students are introduced to aesthetic, philosophical and theoretical concepts regarding dance composition. Emphasis placed on movement invention, choreographic techniques, analyzing choreography, working with music and text, and choreographing solo and group works. Both formal and improvisational structures are explored. Students choreograph as well as participate in others' compositions.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY - FITNESS**

226 PLYOMETRIC CONDITIONING (.5 or 1.0) (day or evening)

Justification: Plyometric conditioning is an important component of overall fitness, especially for student-athletes. This course will supplement our current fitness program offerings (cardio and resistance based training) and allow faculty to provide a comprehensive fitness program to our student-athletes.

Prerequisite: completion of or concurrent enrollment in a varsity course or equivalent fitness level as documented by a physical conducted by a licensed medical physician and a thorough orthopedic examination.

Recommended Preparation: None.

Description: Course designed to promote physiological development of strength, speed and power through a series of leaping, bounding and hopping exercises to effectively improve coordination and agility.

Classification: AA/AS Degree; CSU transferable.

227 TRX® SUSPENSION TRAINING (.5 or 1.0) (day or evening)

Justification: There is not a TRX® suspension training class offered here at CSM. TRX® training will fulfill this gap and provide to the student an opportunity to target anaerobic fitness components in one class. TRX® has been a popular and successful fitness program in the private sector but has not yet been offered as a permanent course here at CSM.

Prerequisite: None.

Recommended Preparation: None.

Description: TRX® Suspension training includes anaerobic and aerobic conditioning for students who wish to develop a comprehensive muscle endurance/aerobic base. This class is designed to incorporate a structured, non-stop exercise routine to increase strength and endurance. Students will be required to keep a daily exercise log for the semester.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY – TEAM**

141 BEGINNING SOCCER (.5 or 1.0) (day or evening)

Justification: CSM currently offers an indoor soccer class which is very popular with our students but does not have an outdoor soccer class in the curriculum. Many of our students have requested this activity course to fulfill their GE requirement.

Prerequisite: None.

Recommended Preparation: None.

Description: Instruction in individual technique including passing, trapping, dribbling and shooting. Small group drills will be included with a development of large sided tactics and games.

Classification: AA/AS Degree; CSU transferable.

145 ADVANCED SOCCER (.5 or 1.0) (day or evening)

Justification: Students need a variety of activity courses to fulfill their G.E. requirements. Beginning soccer will be included in the curriculum and advanced soccer will allow students that have taken beginning soccer to increase their skills and competency in the sport of soccer. The advanced course will also enable those with existing competencies to take a soccer course at a more advanced level.

Prerequisite: TEAM 141 or equivalent.

Recommended Preparation: None.

Description: Instruction and practice in the tactical elements of soccer. Basic positional play, advanced fundamental skills and tactical strategies will be employed.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY – VARSITY**

172 INTERCOLLEGIATE CROSS COUNTRY: MEN AND WOMEN (2.0) (day or evening)

Justification: Intercollegiate Cross Country is a vital component of a comprehensive intercollegiate athletics program providing students the opportunity to compete with other community college student-athletes in exercising qualities of leadership, teamwork, self-determination, dedication, desire and perseverance. Athletic programs are practical lab experiences which are arguably the only courses in the curriculum in which students have the opportunity to gain these valuable traits. Cross Country is also a vital feeding mechanism into the Intercollegiate Track and Field program. Additionally, Intercollegiate Cross Country is the only program in the district.

Prerequisite: None.

Recommended Preparation: None.

Description: Intercollegiate Men's and Women's Cross Country and distance running competition in the Coast Conference; participation in conference, invitational, regional and State meets. Men's competitive distance is 4 miles. Women's is 5 kilometers.

Classification: AA/AS Degree; CSU transferable.

## **MUSIC**

424 SMALL JAZZ ENSEMBLES (2.0) (day or evening)

Justification: Small Jazz Ensembles is currently offered as Music 451, Jazz Workshop. Music 451 began as a second jazz ensemble to our original MUS 452 course, and has evolved to include two large jazz ensembles and four small jazz combos. The current catalog does not reflect this subdivision.

Prerequisite: Demonstration, through audition, of intermediate level proficiency in instrumental or vocal technique, and music reading.

Recommended Preparation: None.

Description: Preparation and performance of literature for jazz trios, quartets, or quintets. Course emphasizes jazz improvisational and ensemble performance, sight-reading, and the ability to perform a variety of jazz styles in a small group environment. Open to all students by audition. Participation at all scheduled performances is required. Auditions held at first class meeting.

Classification: AA/AS Degree; CSU transferable.

**425 CONTEMPORARY JAZZ COMBO (2.0) (day or evening)**

Justification: Contemporary Jazz Combo is currently offered as Music 451, Jazz Workshop. Music 451 began as a second jazz ensemble to our original MUS 452 course, and has evolved to include two large jazz ensembles and four small jazz combos. The current catalog does not reflect this subdivision.

Prerequisite: Demonstration, through audition, of intermediate to advanced level proficiency in instrumental or vocal technique, and music reading.

Recommended Preparation: None.

Description: Preparation and performance of literature from the Hard Bop Era of the 1960's to current contemporary repertoire for jazz combo. Course emphasizes jazz improvisational and ensemble performance, sight-reading, and the ability to perform a variety of jazz styles in a small group environment. Open to all students by audition. Auditions held at first class meeting. Participation at all scheduled performances is required.

Classification: AA/AS Degree; CSU transferable.

**SOCIAL SCIENCE****325 CO-OCCURRING DISORDERS II – MANAGEMENT AND TREATMENT (3.0) (day or evening)**

Justification: For professionals in Behavioral Health to qualify upon completion of this course plus additional 12 units, to apply for the CAADE Co-Occurring Disorder Certificate. In San Mateo County Mental Health and Substance Abuse have merged services. Professionals in both fields are anxious for this course to be offered due to the complexity of co-existing issues of clients entering clinics for treatment.

Prerequisite: SOSC 319.

Recommended Preparation: Eligibility for ENGL 848/838 and completion of or concurrent enrollment in READ 400, 405, or 415 with a grade of C or higher OR skill level as indicated by the reading placement tests or other measures.

Description: Introduces management and treatment of persons with co-existing psychiatric and substance abuse disorders within chemical dependency behavioral health modalities. Building on topics covered in SOSC 319, study focuses on common issues facing alcohol and drug counselors and other behavioral health counselors who manage cases of persons diagnosed as having a psychiatric disorder in addition to substance abuse disorder, includes pain management utilizing 12 step programs, conflicts with such programs, working with families, integration of treatment and treatment modalities.

Classification: AA/AS Degree; CSU transferable.

**SOCIOLOGY****121 INTRODUCTION TO RESEARCH METHODS (3.0 units) (day or evening)**

Justification: This course is a required component of the transfer model curriculum for the Associate in Arts degree in Sociology for transfer.

Prerequisite: SOCI 100 and MATH 120.

Recommended Preparation: None.

Description: Students examine fundamental elements of empirical research and the ways sociologists think critically. Includes attention to the nature of theory, hypothesis, variables, and ethics of research. Application of qualitative and quantitative analytic tools, including logic and research design, such as survey, observational, experimental, case study, and comparative historical research. Computer applications are introduced.

Classification: AA/AS Degree; CSU transferable.

**SPRINKLER FITTER APPRENTICESHIP****711 SPRINKLER FITTER APPRENTICESHIP I (3.5) (day or evening)**

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: First half of year one of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: related safety and health, Ridgid 300, hand tools, ladders, scaffolds; reading sprinkler drawings (part one); care and use of hand tools; operation of the sprinkler head; reading a ruler; communicate pipe dimensions.

Classification: AA/AS Degree; not transferable.

**712 SPRINKLER FITTER APPRENTICESHIP II (3.5) (day or evening)**

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: Second half of year one of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: related safety and health, industry gasses, shoring and man lifts; reading sprinkler drawings (part two); types of pipes, fittings, valves and hangers used in the piping industry; first aid/CPR certification; history, installation and hazard ratings of automatic sprinkler systems; victaulic, grooved and plain end piping method; certification in CPVC installation.

Classification: AA/AS Degree; not transferable.

713 SPRINKLER FITTER APPRENTICESHIP III (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: First half of year two of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: basic mathematics; operation of the sprinkler head; knot tying and rigging; oxygen-acetylene safety (part one); heritage and future in the pipe trade.

Classification: AA/AS Degree; not transferable.

714 SPRINKLER FITTER APPRENTICESHIP IV (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: Second half of year two of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: review OSHA safety standards; copper pipe installation (soldering and brazing); installation of wet pipe system; using the NFPA 13 Standard; wet pipe alarm valves; maintenance and inspection of automatic fire protection systems.

Classification: AA/AS Degree; not transferable.

715 SPRINKLER FITTER APPRENTICESHIP V (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.



Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: First half of year three of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: related safety and health (underground construction); installation of underground piping (NFPA 24); oxygen-acetylene safety (part two); fundamentals of gas welding and flame cutting.

Classification: AA/AS Degree; not transferable.

#### 716 SPRINKLER FITTER APPRENTICESHIP VI (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: Second half of year three of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: dry valves, accelerators and exhausters; hydraulics, the physical properties of fluids; isometric drawing; building plans, architectural, structural, mechanical and electrical drawing; forklift/gradall safety certification.

Classification: AA/AS Degree; not transferable.

#### 717 SPRINKLER FITTER APPRENTICESHIP VII (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: First half of year four of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: economics of the sprinkler industry; water spray systems (NFPA 15); Viking rate of rise, pneumatic, hydraulic release deluge, pre-action non interlock, single interlock and double interlock systems; soldering large diameter copper tube; techniques and topics for tailgate meetings.

Classification: AA/AS Degree; not transferable.

718 SPRINKLER FITTER APPRENTICESHIP VIII (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: Second half of year four of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: use of the t-drill; automatic fire pumps installation, start up, certification and maintenance; pumps for fire protection system; installation of combined sprinkler-standpipe systems; technical reports; fire protection water supply.

Classification: AA/AS Degree; not transferable.

719 SPRINKLER FITTER APPRENTICESHIP IX (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: First half of year five of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: sprinkler alarms; Viking rate of rise; NFPA 13 handbook; fire detectors; good foremanship (part one); backflow protection.

Classification: AA/AS Degree; not transferable.

720 SPRINKLER FITTER APPRENTICESHIP X (3.5) (day or evening)

Justification: This course is part of the Sprinkler Fitters' Apprenticeship program, presented by the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting industry of the United States and Canada AFL-CIO for Local 483.

Prerequisite: Indenture in the Sprinkler Fitter Apprenticeship Program, approved by the California State Division of Apprenticeship Standards.

Recommended Preparation: None.

Description: Second half of year five of a five-year Sprinkler Fitter Apprenticeship Program. Topics overview: NFPA 13 handbook; types of foaming agents; direct injection and proportion

based foam system; bladder type foam tanks; review basic hydraulics; review fire pump basics; good foremanship (part two); computer basics.

Classification: AA/AS Degree; not transferable.

## **PROPOSED TO BE OFFERED AS DISTANCE EDUCATION – COLLEGE OF SAN MATEO**

### **ACCOUNTING**

- 103 Ten-Key Skills
- 161 Intermediate Accounting I

### **ASTRONOMY**

- 100 Introduction to Astronomy

### **BIOLOGY**

- 220 General Biology

### **BUSINESS**

- 317 Keyboarding Skill-Building
- 326 Electronic Filing and Records Management

### **CHINESE**

- 211 Colloquial Mandarin Chinese I, Elementary
- 212 Colloquial Mandarin Chinese II, Elementary

### **COMPUTER AND INFORMATION SCIENCE**

- 111 Introduction to Internet Programming
- 490 Computer Forensics: Network Analysis and Defense

### **DIGITAL MEDIA**

- 104 Digital Media Career Pathways
- 167 Web Design I: Fireworks
- 168 Web Design II: Dreamweaver
- 169 Web Design III: CSS

### **ENGINEERING**

- 230 Engineering Statics

**ENGLISH AS A SECOND LANGUAGE**

891 Accent Reduction for Non-Native Speakers

**FILM**

200 Film in Focus

**HORTICULTURE**

402 Introduction to Floristry  
403 Intermediate & Contemporary Floristry  
406 Advanced Styles & Techniques in Floristry  
407 Weddings, Tributes and Special Projects

**KINESIOLOGY – FITNESS**

134 Track and Trail Aerobics

**PHILOSOPHY**

100 Introduction to Philosophy

**READING**

825 Introduction to College Reading

**SOCIOLOGY**

100 Introduction to Sociology

**PROPOSED CURRICULAR DELETIONS – COLLEGE OF SAN MATEO**

None.

**PROPOSED PROGRAM ADDITIONS – COLLEGE OF SAN MATEO**

College of San Mateo proposes to offer an Associate Degree, Associate Degree for Transfer, and/or Certificate of Achievement (18 units or more, state approved), and/or Certificate of Specialization (fewer than 18 units, not state approved) in the following programs:

**COMMUNICATION STUDIES**

**Communication Studies – Associate in Arts Degree for Transfer** - (18 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

**DIGITAL MEDIA****Broadcast and Electronic Media Concentration**

- **Digital Audio Option** – Associate in Arts Degree (27.5 units + General Education and other requirements for the Associate Degree)
- **Digital Audio Option** - Certificate of Specialization (12 units)
- **Digital Video Production Option** – Associate in Arts Degree (30 units + General Education and other requirements for the Associate Degree)
- **Television Producing Option** – Associate in Arts Degree (29 units + General Education and other requirements for the Associate Degree)
- **Video Journalism** – Certificate of Specialization (15 units)
- **Television and Radio Broadcasting** – Certificate of Specialization (15 units)
- **Lighting** – Certificate of Specialization (9 units)

**Graphic Design Concentration**– Associate in Arts Degree (31 units+ General Education and other requirements for the Associate Degree)

**Graphic Design Concentration** - Certificate of Achievement (27 units)

**Graphic Design Concentration** - Certificate of Specialization (13 units)

**Graphic Production** – Certificate of Achievement (27 units)

**Graphic Production** - Certificate of Specialization (12 units)

**Journalism Concentration**– Associate in Arts Degree (24 units + General Education and other requirements for the Associate Degree)

**Journalism Concentration** - Certificate of Achievement (21 units)

**Web/Multimedia Concentration**

- **Web Design Option** – Associate in Arts Degree (26 units + General Education and other requirements for the Associate Degree)
- **Web Design Option** - Certificate of Achievement (24 units)
- **Web Design/Developer** – Certificate of Specialization (12 units)
- **Digital Video** – Certificate of Specialization (9 units)
- **Web Developer Option** – Associate in Arts Degree (33 units+ General Education and other requirements for the Associate Degree)
- **Web Developer Option** - Certificate of Achievement (21 units)
- **Multimedia Option** – Associate in Arts Degree (32 units + General Education and other requirements for the Associate Degree)
- **Multimedia Option** - Certificate of Achievement (24 units)
- **Multimedia Option** - Certificate of Specialization (12 units)

**ELECTRONICS TECHNOLOGY**

**Electrical Power Systems and Instrumentation** - Certificate of Specialization (16 units)

**KINESIOLOGY**

**Kinesiology** – Associate in Arts Degree (23 units + General Education and other requirements for the Associate Degree)

**Yoga Instructor Certificate** – Certificate of Specialization (8 units)

**MATHEMATICS**

**Mathematics** – Associate in Science Degree for Transfer - (18 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

**SOCIOLOGY**

**Sociology** – Associate in Arts Degree for Transfer - (18 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for transfer)

**PROPOSED PROGRAM DELETIONS – COLLEGE OF SAN MATEO****ELECTRONICS TECHNOLOGY****Electronics Technology**

- **Option 3: Micro Computer Systems** – Associate of Science Degree
- **Option 3: Micro Computer Systems** - Certificate of Achievement
- **Option 4: General Electronics** – Associate of Science Degree
- **Option 4: General Electronics** - Certificate of Achievement
- **Advanced Placement** – Associate of Science Degree
- **Advanced Placement** - Certificate of Achievement
- **Electronics Assembly** – Certificate of Specialization

Justification: The Electronics Technology degrees and certificates represent programs of study that are no longer relevant and no longer lead to employment.

**PROPOSED DEPARTMENT ADDITIONS – COLLEGE OF SAN MATEO**

College of San Mateo proposes to add the following program departments:

**COMMUNICATION STUDIES (COMM)**

In order to conform to SB1440 and align the Speech Communication Department with other colleges and universities in the state, the Speech Communication Department is being renamed to Communication Studies.

**KINESIOLOGY (KINE)**

In preparation for the SB1440 transfer model curriculum, physical education courses focused on the art and science of human movement are being moved under the new designation of Kinesiology.

**PROPOSED DEPARTMENT DELETIONS – COLLEGE OF SAN MATEO****BROADCAST AND ELECTRONIC MEDIA (BSCT)**

As a result of the PIV process focusing on Broadcast and Electronic Media, Film Production, Graphics, Journalism and Multimedia, programs have been restructured to form the Digital Media Department, which includes concentrations in Broadcasting, Graphic Design, Journalism and Web Design. Since the Digital Media Department is now in place, the Broadcast and Electronic Media Department is being deleted.

### **GRAPHICS (GRA)**

As a result of the PIV process focusing on Broadcast and Electronic Media, Film Production, Graphics, Journalism and Multimedia, programs have been restructured to form the Digital Media Department, which includes concentrations in Broadcasting, Graphic Design, Journalism and Web Design. Since the Digital Media Department is now in place, the Graphics Department is being deleted.

### **JOURNALISM (JOUR)**

As a result of the PIV process focusing on Broadcast and Electronic Media, Film Production, Graphics, Journalism and Multimedia, programs have been restructured to form the Digital Media Department, which includes concentrations in Broadcasting, Graphic Design, Journalism and Web Design. Since the Digital Media Department is now in place, the Journalism Department is being deleted.

### **MULTIMEDIA (MULT)**

As a result of the PIV process focusing on Broadcast and Electronic Media, Film Production, Graphics, Journalism and Multimedia, programs have been restructured to form the Digital Media Department, which includes concentrations in Broadcasting, Graphic Design, Journalism and Web Design. Since the Digital Media Department is now in place, the Multimedia Department is being deleted.

### **SPEECH COMMUNICATION (SPCH)**

In order to conform to SB1440 and align the Speech Communication Department with other colleges and universities in the state, the Speech Communication Department is being renamed to Communication Studies.

San Mateo County Community College District

June 22, 2011

PREPARED BY: Michael Williamson, Interim Vice President, Instruction  
Skyline College

APPROVED BY: Dr. Nick Kapp, Curriculum Committee Co-Chair  
Skyline College

Christine Roumbanis, Curriculum Committee Co-Chair  
Skyline College

Fermin Irigoyen, Academic Senate President  
Skyline College

Dr. Regina Stanback Stroud, President  
Skyline College

## **PROPOSED CURRICULAR ADDITIONS – SKYLINE COLLEGE**

### **COURSE DESCRIPTIONS AND JUSTIFICATIONS**

#### **ADMINISTRATION OF JUSTICE**

134 TRAFFIC ENFORCEMENT AND INVESTIGATION (3.0) (day or evening)

Justification: This course is a fitting and necessary addition to the series of elective courses in the Administration of Justice Program and is vitally important to criminal justice students who will need to learn the fundamental skills involved in traffic law enforcement and collision investigation.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 836, or equivalent.

Description: A study of the fundamentals of traffic law enforcement and collision investigations, including traffic laws and regulations; the purposes and methods of traffic enforcement; detecting traffic law violators and DUI drivers; conducting field sobriety tests; investigating traffic collisions; skid mark and evidence analysis; preparing traffic citations, diagrams and collision reports; and testifying in traffic court.

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

#### **ASTRONOMY**

101 ASTRONOMY LABORATORY (1.0) (day or evening)



Justification: The addition of this laboratory course to the curriculum will increase the science offerings for students in the service of completing both their degree and transfer requirements.

Prerequisite: Completion of or concurrent enrollment in ASTR 100, or equivalent.

Recommended Preparation: Completion of MATH 110 with a grade of C or better, or equivalent.

Description: Constellation identification, understanding of right ascension and declination, and basic astronomical measurements of our moon, planets, stars and universe. Telescopic and naked eye observations will be assigned. This course will develop the student's awareness of the scientific method and how to apply it to specific problems and their solutions.

Classification: AA/AS Degree; CSU transferable.

## **AUTOMOTIVE TECHNOLOGY**

### 510 BASIC HYBRID POWERTRAINS (2.5) (day or evening)

Justification: Designed to provide a compact introduction to hybrid vehicle powertrain diagnosis and repair with a focus on scheduled maintenance services, completion of this course will make journeymen technicians more attractive to prospective employers in the automotive industry.

Prerequisite: AUTO 713 or 773, and AUTO 751, or equivalent industry experience.

Recommended Preparation: None.

Description: A survey of today's hybrid vehicle powertrains. Hands-on experience performing scheduled hybrid maintenance services. Introduction to hybrid vehicle diagnosis and repair. Development of entry-level skills needed to work on hybrid vehicles in a professional environment.

Classification: AA/AS Degree; CSU transferable.

### 511 PRINCIPLES OF HYBRID AND ELECTRIC DRIVES (7.0) (day or evening)

Justification: Designed to provide students with an extensive education in hybrid, plug-in hybrid, and electric vehicle powertrain diagnosis and repair that includes significant experience diagnosing such vehicles, completion of this course will make entry-level job applicants more attractive to prospective employers in the automotive industry.

Prerequisite: AUTO 713 or 773, and AUTO 751, or equivalent industry experience.

Recommended Preparation: None.

Description: A comprehensive survey of today's hybrid powertrains. Lectures on subjects such as battery packs, power electronics and electronic motor theory are supported by labs covering intermediate and advanced diagnosis of hybrids and/or electric drives.

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

## **EARLY CHILDHOOD EDUCATION**

### 804 ENGLISH FOR CHILDCARE PROVIDERS (3.0) (day or evening)

Justification: In 2009 the Early Childhood Education (ECE) department's program review revealed that Hispanics had the lowest success rates in that department. Large numbers of second-language speakers are attracted to ECE, however their language skills relegate them to the lowest-paying jobs in the field; among these, Spanish-speakers dominate, and their rates of pursuing higher degrees in ECE are lower than those of other groups. The core ECE courses can be a struggle for these students, and they have difficulty navigating the academic language and rigor of higher level courses. This course, cross-listed between ESOL and ECE, will afford all second-language learners the opportunity to master basic language used in the ECE field, providing a foundation for the basic ECE courses. This course can be offered to second-language speakers as a standalone course, as preparation for second-language learners planning to enter the ECE program, and can also serve as a feeder into an ECE Career Advancement Academy, which begins with ENGL 826 (the rough equivalent of ESOL 840). The course is not a stage of any sequence in the ESOL or ECE departments, and students would be encouraged to take it together with other ESOL classes to better prepare them for ECE coursework.

Prerequisite: None.

Recommended Preparation: Completion of or concurrent enrollment in ESOL 830, or ESOL 863 and ESOL 873, or eligibility for ESOL 840, or equivalent.

Description: Basic listening, speaking, reading and writing skills in standard English within the context of child care. Intended for parents, grandparents, child care providers, and preschool teachers who are learning English as a Second Language. Also listed as ESOL 804. (*Units do not count toward the Associate Degree.*)

Classification: Not degree applicable; not transferable.

## **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES**

### 804 ENGLISH FOR CHILDCARE PROVIDERS (3.0) (day or evening)

Justification: In 2009 the Early Childhood Education (ECE) department's program review revealed that Hispanics had the lowest success rates in that department. Large numbers of second-language speakers are attracted to ECE, however their language skills relegate them to the lowest-paying jobs in the field; among these, Spanish-speakers dominate, and their rates of pursuing higher degrees in ECE are lower than those of other groups. The core ECE courses can be a struggle for these students, and they have difficulty navigating the academic language and rigor of higher level courses. This course, cross-listed between ESOL and ECE, will afford all second-language learners the opportunity to master basic language used in the ECE field, providing a foundation for the basic ECE courses. This course can be offered to second-language speakers as a standalone course, as preparation for second-language learners planning to enter the ECE program, and can also serve as a feeder into an ECE Career Advancement Academy, which begins with ENGL 826 (the rough equivalent of ESOL 840). The course is not a stage of any sequence in the ESOL or ECE departments, and students would be encouraged to take it together with other ESOL classes to better prepare them for ECE coursework.

Prerequisite: None.

Recommended Preparation: Completion of or concurrent enrollment in ESOL 830, or ESOL 863 and ESOL 873, or eligibility for ESOL 840, or equivalent.

Description: Basic listening, speaking, reading and writing skills in standard English within the context of child care. Intended for parents, grandparents, child care providers, and preschool teachers who are learning English as a Second Language. Also listed as ECE. 804. (*Units do not count toward the Associate Degree.*)

Classification: Not degree applicable; not transferable.

## **KINESIOLOGY - FITNESS**

107 INTERCOLLEGIATE FITNESS (0.5 or 1.0 or 1.5 or 2.0) (day or evening)

Justification: This course will expand the fitness curriculum and provide an additional degree-applicable course to meet general education requirements, as well as an additional elective for Skyline's Physical Education major.

Prerequisite: None.

Recommended Preparation: None.

Description: Intended for in-season varsity athletes to maintain fitness during their intercollegiate season. Strength training, cardiovascular conditioning, flexibility, injury prevention, psychological preparation and nutrition will be emphasized.

Classification: AA/AS Degree; CSU transferable.

199 INTERACTIVE CARDIOVASCULAR FITNESS (2.0) (day or evening, and/or distance education)

Justification: As an online fitness course, FITN 199 will serve as the only option for strictly distance education students to satisfy the Physical Education requirement for the Associate Degree.

Prerequisite: None.

Recommended Preparation: None.

Description: A fitness course utilizing technology to verify performance via self-reported cardiovascular exercise, assignments, testing and discussion. Students will learn to improve fitness through the use of cardiovascular exercise. Students are required to have an iPod Nano and Nike + iPod Sport Kit or Nike + Sportband.

Classification: AA/AS Degree; CSU transferable.

219 CORE FITNESS TRAINING (0.5 or 1.0 or 1.5 or 2.0) (day or evening)

Justification: FITN 219 is the only course in the college's curriculum designed to meet the specific objectives of strengthening, stretching and aerobic exercise with spine stabilization postures for core conditioning to improve athletic performance, activities of daily living, and injury prevention.

Prerequisite: None.

Recommended Preparation: None.

Description: Designed to provide strengthening, stretching and aerobic exercise with spine stabilization postures for core conditioning to improve athletic performance, activities of daily living, and injury prevention.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY - INDIVIDUAL SPORTS**

172 GOLF: IMPROVING THE MENTAL GAME (0.5 or 1.0) (day or evening)

Justification: This course will expand the golf curriculum and provide an additional degree-applicable course to meet general education requirements, as well as an additional elective for Skyline's Physical Education major.

Prerequisite: None.

Recommended Preparation: Successful completion of INDV 160, or equivalent.

Description: An introduction to various mental tools to improve one's performance on the golf course. Includes visualization, anxiety management, goal setting, positive affirmations, overcoming self-fulfilling negative thought processes, and more. Includes practical application in drills and in on-course tournament play.

Classification: AA/AS Degree; CSU transferable.

## **KINESIOLOGY - KINESIOLOGY**

100 INTRODUCTION TO KINESIOLOGY (3.0) (day or evening)

Justification: This course is a core requirement for the Kinesiology major as specified by the Transfer Model Curriculum under SB 1440. The college must offer this course in order to offer the major. Kinesiology is currently the 7<sup>th</sup> most popular undergraduate major in the CSU system, making it critical for Skyline to offer this course and degree. The course will also be an elective for the existing Physical Education and Interdisciplinary Studies (Health and Physical Education) majors.

Prerequisite: None.

Recommended Preparation: None.

Description: Exploration of the broad spectrum of kinesiology as an academic discipline, fundamental concepts and meaning of movement/physical activity, diversity of humans as moving beings, professional/career options, current/social issues, and personal characteristics/professional responsibilities. *Note: This course is not activity-based and is not applicable to the specific area requirement in Physical Education for the Associate Degree.*

Classification: AA/AS Degree; CSU transferable.

## **LEARNING SKILLS**

828 SUPPLEMENTAL LEARNING ASSISTANCE FOR BASIC WRITING SKILLS (0.5) (day or evening)

Justification: As part of the Basic Skills Initiative to improve retention and success in basic skills courses, this course is designed to provide more intensive and consistent supplemental learning assistance to students enrolled in the basic skills English 828 by reinforcing concepts and skills taught in that course and providing time outside of class for structured, guided instruction. Research has shown that the supplemental instruction model of placing a Supplemental Instructional (SI) leader in the classroom several days a week and adding a weekly supplemental lab hour for small group and individualized assistance with the SI leader is a more successful intervention than drop-in tutoring. This approach is a shift from targeting “high-risk” students to helping “high-risk” courses. It provides more sustained assistance that is directly tied to instruction in the core course and increases communication between the instructor and SI leader.

Prerequisite: None.

Corequisite: Concurrent enrollment in ENGL 828.

Recommended Preparation: None.

Description: Provides supplementary learning assistance to students enrolled in ENGL 828. Under the supervision of qualified faculty, course instructors reinforce concepts and skills learned in ENGL 828. *(Units do not count toward the Associate Degree.)*

Classification: Not degree applicable; not transferable.

## **MUSIC**

106 MUSIC THEORY II (3.0) (day or evening)

Justification: As the music program at Skyline College grows, students seeking a continuation of music theory studies in order to transfer to a four-year music major program (four semesters of music theory are expected at transfer) have either (1) re-enrolled in Music Theory I or (2) requested special project studies from the theory instructor. We have recently eliminated the repeatability of Music Theory I, so this option will no longer be possible. In order for music majors seeking to transfer to cover the necessary material, they must enroll in "special projects" (MUS. 690) sections that appear on student transcripts without a description of their content, the result being that these transcripts do not accurately represent the course material studied. The

addition of Music Theory II to Skyline's curriculum also contributes to an on-going effort to clarify and make equivalent articulation between music courses at the SMCCCD sister colleges.

Prerequisite: MUS. 105 with a grade of C or better, or equivalent.

Recommended Preparation: None.

Description: Incorporates and builds on concepts introduced in MUS. 105. Through four-part chorale writing, analysis and music composition, students continue studies in functional tonal harmony. Topics include non-dominant seventh chords, III and VII chords, diatonic sequences, applied chords, diatonic modulation, and formal analysis of binary and ternary forms.

Classification: AA/AS Degree; CSU transferable.

## **PHYSICS**

105 CONCEPTUAL PHYSICS (3.0) (day or evening)

Justification: The addition of this laboratory course to the curriculum will increase the science offerings for students in the service of completing both their degree and transfer requirements.

Prerequisite: None.

Recommended Preparation: Completion of MATH 110 with a grade of C or better, or equivalent; and eligibility for ENGL 836 and READ 836, or ENGL 846, or ESOL 400, or equivalent.

Description: A conceptual introduction to physics, intended to foster scientific understanding of the world. Stresses important and applicable topics in motion, force, oscillations, fluids, thermodynamics, waves, electricity, magnetism, light and modern physics. Some students may wish to use this course as extra preparation for algebra-based physics.

Classification: AA/AS Degree; CSU transferable.

## **PSYCHOLOGY**

238 ARAB CULTURAL PSYCHOLOGY (3.0) (day or evening)

Justification: This course fills a need for an offering in Arab Psychology; as part of a global community, students need to have knowledge of this critical area of the world.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100 or 105, or equivalent.

Description: Examination of how Arab culture shapes thought, feeling and the development of personality. Survey topics in cultural psychology, including culture and personality, child rearing, gender relations, identity, family structure and religion. Studying the core value systems associated with the etiquettes, beliefs and practices of Arab culture and influences on

psychological development in the region. The course will also examine some non-native perspectives of these core values.

Classification: AA/AS Degree; CSU transferable.

## **SOCIOLOGY**

143 SOCIOLOGY OF MIGRATION AND IMMIGRATION (3.0) (day or evening)

Justification: This course is designed for students enrolled in Associate Degree programs and intends to supplement the International Studies Program (African Diaspora emphasis) as well as programs in Anthropology, Biology, Geography, History and Psychology. This course will meet general education requirements for the Associate Degree and will address the college's student demographics.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 100 or 105, or equivalent.

Description: An introduction to the interdisciplinary study of human migratory movement and immigrant settlement. Using sociological perspectives and research from biology, anthropology, geography, history, sociology, psychology and political science, the course will examine human migration patterns, environmental conditions, political context, economic factors and cultural identity.

Classification: AA/AS Degree; CSU transferable.

## **WELLNESS**

760 INTRODUCTION TO "WHOLISTIC" HEALTH (3.0) (day or evening, and/or distance education)

Justification: This course is intended to provide an introduction to the natural healing arts for students' personal enrichment or for the massage therapist/health practitioner who would like to incorporate the theoretical knowledge into their field of expertise. The course is designed to provide introductory training and to support the student in gaining experiential knowledge and confidence in working with natural healing modalities.

Prerequisite: None.

Recommended Preparation: Eligibility for ENGL 836, or equivalent.

Description: Introduction to a variety of "wholistic" health modalities, including massage therapy, yoga, breath work, herbology, aromatherapy, flower essences, gem elixirs, and Ayurvedic and Chinese Medicine. Structured to benefit students who wish to take the course for either personal or professional purposes. Students will learn to evaluate personal lifestyle habits and be introduced to various natural healing modalities they can incorporate into their daily lives.

Classification: AA/AS Degree; CSU transferable.

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

**ACCOUNTING**

103 Ten Key Skills

**ART**

107 Art of Our Times  
115 Art, Music and Ideas  
120 Art of the Americas  
130 Art Appreciation

**ENGLISH**

161 Creative Writing I  
162 Creative Writing II

**KINESIOLOGY – FITNESS**

199 Interactive Cardiovascular Fitness

**HISTORY**

202 United States History II

**LITERATURE**

373 Latin American Literature in Translation  
416 Modern European Literature in Translation

**MATHEMATICS**

201 Quantitative Reasoning

**MUSIC**

115 Music, Art and Ideas

**PSYCHOLOGY**

410 Abnormal Psychology

**WELLNESS**

760 Introduction to “Wholistic” Health



**PROPOSED CURRICULAR DELETIONS – SKYLINE COLLEGE**

None.

**PROPOSED PROGRAM ADDITIONS – SKYLINE COLLEGE**

Skyline College proposes to offer an Associate Degree and/or Certificate in the following programs:

**AUTOMOTIVE TECHNOLOGY**

**Asian Engine Performance Technology** – Certificate of Achievement (19 units)

**Automotive Technician – Entry Level** – Certificate of Specialization (13.5 units)

**EDUCATION**

**After School Program Assistant** – Career Certificate (9.5 units)

**After School Program Associate Teacher** – Certificate of Specialization (16.5-17.5 units)

**MATHEMATICS**

**Mathematics** – Associate in Science Degree for Transfer (21-22 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for Transfer)

**PSYCHOLOGY**

**Psychology** – Associate in Arts Degree for Transfer (18-20 units in the major area + Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern, and other requirements for the Associate Degree for Transfer)

**PROPOSED DEGREE/CERTIFICATE TITLE CHANGE:**

**Communication Studies** – Associate in Arts Degree (formerly Speech Communication)

Justification: Commensurate with the Speech Communication department title change to Communication Studies, the department is changing the title of its existing Associate in Arts Degree from “Speech Communication,” to “Communication Studies.”

**PROPOSED PROGRAM DELETIONS – SKYLINE COLLEGE**

None.

**PROPOSED DEPARTMENT ADDITIONS – SKYLINE COLLEGE**

Skyline College proposes to add the following program departments:

**COMMUNICATION STUDIES (COMM)**

The Communication Studies (COMM) department will replace the Speech Communication (SPCH) department in order for the college to coordinate with the Transfer Model Curriculum (TMC) Associate in Arts Degree in Communication Studies for Transfer, to align with the renaming of Speech Communication departments at colleges and universities across the state and nation, and to align with its SMCCCD sister colleges.

**DRAMA (DRAM)**

Skyline's Theater equipment has been updated and student volunteers have been assisting the Theater Events Manager in using these new resources for productions. In order to formalize the training of the students and give them credit for what they learn, the college has offered an experimental course in Technical Aspects of Theater: Stagecraft. This course will be housed under Drama (DRAM).

**KINESIOLOGY (KINE)**

The college intends to adopt the Transfer Model Curriculum (TMC) for the Associate Degree in Kinesiology for Transfer as soon as it is approved at the state level. In order to do so, the college must offer an introductory course in Kinesiology. The Kinesiology (KINE) department has been created for this purpose.

**PROPOSED DEPARTMENT DELETIONS – SKYLINE COLLEGE****SPEECH COMMUNICATION (SPCH)**

Justification: The Speech Communication (SPCH) department is being eliminated in favor of renaming the department to Communication Studies (COMM) in order to coordinate with the Transfer Model Curricula (TMC) Associate in Arts Degree in Communication Studies for Transfer, to align with the renaming of Speech Communication departments at colleges and universities across the state and nation, and to align with its SMCCCD sister colleges.