

San Mateo County Community College District

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PROPOSED CURRICULAR ADDITIONS – SKYLINE COLLEGE

COURSE DESCRIPTIONS AND JUSTIFICATIONS

BUSINESS

680SE WAREHOUSING AND LOGISTICS (4.0) (day or evening)

Justification: This course is designed to meet industry demand for workers with entry-level skills in warehouse operations and logistics. Upon completion of the course, students will be prepared to enter the field of warehousing and logistics.

Prerequisite: None.

Recommended Preparation: Completion of MATH 811 or equivalent; and eligibility for ENGL 836 and READ 836, or ENGL 846, or ESOL 400, or equivalent.

Description: Introduction to warehouse operations and logistics. Topics include warehousing, software information systems used in warehousing, and warehouse safety. The course will include hands-on activities in relation to logistics and warehousing.

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

COSMETOLOGY

880SB COSMETOLOGY CONCEPTS AND PRACTICE III (0.5-5.0) (evening)

Justification: This course is a combination of three segments for cosmetology students who are working toward a certificate or degree or who are interested in developing skills in hair design, skin work, and manicuring.

Prerequisite: COSM 740 or equivalent.

Recommended Preparation: None.

Description: Topics covered include advanced coursework in skin histology and diseases, facials, hair removal, chemistry, electricity, artificial nail applications, styling, relaxing, bleaching highlighting, advanced hair coloring, thermal press and curl anatomy. In addition, there will be a review of the state board exam. Note: This course is designed for evening students only.

Classification: AA/AS Degree; Certificate; Not transferable.

ENVIRONMENTAL SCIENCE AND TECHNOLOGY

680SD ENVIRONMENTAL SCIENCE SERVICE LEARNING (2.0) (day or evening)

Justification: This is a unique course offering that provides experiential learning in Environmental Science. The course expands offerings in the Environmental Science field and promotes community engagement through education. The course is funded by the President's Innovation Fund Sustainable Campus Initiative.

Prerequisite: None.

Recommended Preparation: None.

Description: A community-based approach to Environmental Science. Core concepts of sustainability and civic responsibility are emphasized through independent volunteer projects coupled with in-class lecture, weekly peer learning, discussions, reflections, and presentations.

Classification: AA/AS Degree; CSU transferable.

680SH BUILDING PERFORMANCE RETROFITTING (4.0) (day or evening)

Justification: This Career Technical Education (CTE) course complements other courses in the Environmental Science program, including courses in solar, energy efficiency, and Introduction to Environmental Science. It prepares students to enter energy efficiency-related careers in the residential remodeling industry or other related industries that involve sustainability and energy efficiency. It prepares students for an industry-recognized certification.

Prerequisite: None.

Recommended Preparation: ENVS 425 or ENVS 680SF, or equivalent; and eligibility for ENGL 836 and READ 836, or ENGL 846, or ESOL 400, or equivalent; and eligibility MATH 110 or equivalent.

Description: Provides a foundation to perform "whole-house" retrofits for energy/water efficiency. Students apply theory to conduct hands-on retrofitting. Topics include building science, energy assessment reports, developing work scope, HVAC and envelope upgrades, air leakage and sealing, insulation installation, moisture remediation, quality control. The course is preparation for the Building Performance Institute certification exam.

Classification: AA/AS Degree; CSU transferable.

MATHEMATICS

879SA PATH TO STATISTICS (6.0) (day or evening)

Justification: By offering “Path to Statistics” the math departments aim to shorten the algebra sequence into one semester. Contextualizing the algebra curriculum and focusing the instruction on skills, methodologies and ways of thinking needed for understanding statistical applications is expected to ignite student interest, increase retention and success, and prepare students better to be successful in their transfer-level statistics course the following semester. This course is NOT intended for students who plan to study science, technology, engineering, math, as well as business and other non-STEM majors.

Prerequisite: MATH 811, or appropriate score on District math placement test and other measures as appropriate.

Recommended Preparation: None.

Description: An accelerated course to prepare students for transfer-level Statistics. It covers core concepts from elementary algebra, intermediate algebra, and descriptive statistics. Topics include ratios, rates, and proportional reasoning; arithmetic reasoning using fractions, decimals and percents; evaluating expressions, solving equations, analyzing algebraic forms to understand statistical measures; use of linear, quadratic, absolute value, exponential, and logarithmic functions to model bivariate data; graphical and numerical descriptive statistics for quantitative and categorical data. This course is designed for students who do not want to major in fields such as math, science, computer science, and business. Note: This course is NOT intended for students who plan to study science, technology, engineering, math, as well as business and other non-STEM majors. Students are advised to meet with a counselor to discuss whether placement in this class is appropriate for their intended major.

Classification: AA/AS Degree; Not transferable.

MUSIC**680SB VIOLIN/VIOLA I (2.0) (day or evening)**

Justification: This course provides an additional elective for the Music major.

Prerequisite: None.

Recommended Preparation: None.

Description: Introduction to the fundamentals of playing the violin or viola. Students will learn proper posture and basic playing techniques through the practice of exercises and short pieces. Elements of music notation and music theory will be introduced.

Classification: AA/AS Degree; CSU transferable.

680SC VIOLIN/VIOLA II (2.0) (day or evening)

Justification: This course provides an additional elective for the Music major.

Prerequisite: MUS. 680SB or equivalent, or by audition.

Recommended Preparation: None.

Description: Introduction to skills appropriate for the advancing beginner. Students will expand upon and strengthen skills (bowing and left hand technique) learned in MUS 680SB. Musical expression, sight-reading, and ensemble skills will be introduced. Skills will be developed through exercises and short pieces.

Classification: AA/AS Degree; CSU transferable.

PROPOSED PROGRAM ADDITIONS – SKYLINE COLLEGE

Skyline College proposes to offer an Associate Degree for Transfer in the following programs:

ADMINISTRATION OF JUSTICE

Administration of Justice – 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

ART

Art History – 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

Studio Arts – Associate in Arts 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

GEOLOGY

Geology – Associate in Science Degree for Transfer – 28 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

HISTORY

History – 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

JOURNALISM

Journalism – 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

MUSIC

Music – Associate in Arts 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