Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

~ 133 Curriculum: Language, Literacy, and Art

48 - 54 hours lecture, 3 units

Grade Only

This course introduces the function of language, literacy, and artistic expression in early childhood educational programs. Emphasis is placed on the development of language, literacy, and art curriculum activities, and selection of appropriate materials. Students utilize the California Foundations and Frameworks to design and implement appropriate activities for a variety of age groups and developmental levels. This course is intended for students interested in working in early childhood education, obtaining California Child Development Permits, and transferring to four-year institutions.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

Action(s) Proposed: Course Revision

(May Include Activation) Course Description

Critical Thinking Assignments

Outline of Topics Outside Assignments

Student Learning Objectives

Title Change

Writing Assignments

Approved

Proposed for College(s): City

Originating Campus: CITY

Dist. Ed Proposed For College(s): City

Effective: Fall 2020

Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

~ 135 Curriculum: Science, Math, and Music and Movement

48 - 54 hours lecture, 3 units

REOUISITES:

Limitation on Enrollment: This course is not open to students with previous credit for Child Development 131.

This course introduces the function of science, math, music, and movement in early childhood educational programs. Emphasis is placed on the development of science, math, and music and movement concepts, and curriculum activities. Students utilize the California Foundations and Frameworks to design and implement appropriate activities for a variety of age groups and developmental levels. This course is intended for students interested in working in early childhood education, obtaining California Child Development Permits, and transferring to four-year institutions.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

Grade Only Action(s) Proposed: Course Revision

(May Include Activation)

Course Description

Critical Thinking Assignments

Methods of Instruction Outline of Topics

Reading Assignments

Student Learning Objectives

Supplies Texts

Title Change

Writing Assignments

Approved

Proposed for College(s): City

Originating Campus: CITY

Dist. Ed Proposed For

College(s): City

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

151 Program Planning

Offered At: City, Mesa, Miramar 48 - 54 hours lecture, 3 units

Grade Only Action(s) Proposed: Course Revision

(May Include Activation) Prerequisite (Change)

Proposed for College(s): City, Mesa,

Miramar

Originating Campus: CITY

Effective: Fall 2020

REQUISITES:

Prerequisite: Child Development 101 and Child Development 111 or Child Development Approved 121 or Child Development 131 or Child Development 133 or Child Development 135, each with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in Child Development 270 or Child Development 275, each with a grade of "C" or better, or equivalent.

Advisory: English 101 with a grade of "C" or better, or equivalent.

This course focuses on planning the preschool learning environment to promote optimal development. Emphasis is placed on curriculum planning, guidance, safety, record keeping, observation techniques, project planning, and classroom management. Students enrolled in this course must be concurrently working in a preschool learning environment under the supervision of a person holding a Child Development Master Teacher Permit or the equivalent. This course is intended for students pursuing teaching careers in early care and education settings and partially fulfills State of California Permit and Title 22 teacher requirements.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Subject: English (ENGL) Discipline: English

36 Basic Creative Writing Workshop

16 - 54 hours lecture, 1-3 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

This course is a beginning creative writing workshop. Topics include the creative process and the fundamentals of creative writing. Emphasis is placed on poetry, fiction, and/or creative nonfiction. This course is intended for students who are interested in the fundamentals of creative writing.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Not applicable to the Associate Degree.

Offered At: City, Mesa, Miramar

(May Include Activation)

Six Year Review Course Description Methods of Evaluation

Methods of Instruction Outline of Topics

Outside Assignments Reading Assignments

Student Learning Objectives

Texts

Writing Assignments

Approved

Proposed for College(s): City, Mesa,

Miramar

Originating Campus: CITY

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Exercise Science (EXSC) Discipline: Physical Education

126C Cardio Conditioning III

32 - 54 hours lab, 0.5-1 units

Grade Only

REQUISITES:

Advisory: Exercise Science 126B with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for Physical Education 123Y.

This course is designed to provide students the opportunity to develop and implement a personalized fitness plan to help them pursue their lifelong commitment to life-long health and wellness. Topics include goal setting, training zones, and body specific training principles through moderate/highly intense activities. This class is designed for students interested in a healthy lifestyle as well as Kinesiology majors. When the course is offered three hours per week, the additional time is utilized for increasingly strenuous cardiovascular activities.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education, UC Transfer Course List.

Offered At: City, Mesa, Miramar

Action(s) Proposed: Distance Learning - No Other Action

Reviewed

Proposed for College(s): Miramar

Originating Campus: MIRAMAR

Dist. Ed Proposed For College(s): Miramar

Effective: Fall 2020

Subject: Exercise Science (EXSC) Discipline: Physical Education

126D Cardio Conditioning IV

32 - 54 hours lab, 0.5-1 units

Grade Only

REOUISITES:

Advisory: Exercise Science 126C with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for Physical Education 123Z.

This course is the fourth in a series of Cardio Conditioning courses. Students develop, analyze and implement advanced group fitness plans. Topics include agility and jump training, running, sports cross training, advanced core training, stress management and nutrition. Data gathering and assessment methods are also covered. This class is designed for students interested in a healthy lifestyle as well as Kinesiology majors. When the course is offered three hours per week, the additional time is utilized for increasingly strenuous cardiovascular activities.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List. CSU General Education.

Offered At: City, Mesa, Miramar

Action(s) Proposed: Distance Learning - No Other Action

Reviewed

Proposed for College(s): Miramar

Originating Campus: MIRAMAR

Dist. Ed Proposed For College(s): Miramar

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

~ 186 AWS Academy Cloud Architecting

32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

REQUISITES:

Prerequisite: Information, Network, and Web Technologies 185 with a grade of "C" or better, or equivalent.

This is a project-oriented course designed to help students develop technical expertise in cloud computing - specifically Amazon Web Services (AWS). Emphasis is placed on the ability to effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies. Topics focus on the ability to define a solution using AWS architectural design principles and provide implementation guidance based on best practices throughout the lifecycle of the project. This course follows the official AWS Academy curriculum and is designed for students who plan to take the AWS Certified Solutions Architect - Associate exam.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

(May Include Activation)

Six Year Review Grade Option Change

Supplies Texts

Title Change

Approved

Proposed for College(s): City

Originating Campus: CITY

Effective: Fall 2020

Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

200 Certified Ethical Hacking (CEH) Certification Training

48 - 54 hours lecture, 48 - 54 hours lab, 4 units

Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

REQUISITES:

Advisory: Completion of or concurrent enrollment in Information, Network, and Web Technologies 120 and Information, Network, and Web Technologies 140, each with a grade of "C" or better, or equivalent.

This is a project-oriented course that focuses on advanced hacking tools and techniques used by both hackers and information security professionals to break into an organization. Emphasis is placed on perimeter defenses, symptoms and processes related to scanning and attacking networks, and performing ethical hacking to test for existing vulnerabilities. Topics include intrusion detection, policy creation, social engineering, denial/distributed denial of services (Dos/DDoS) attacks, buffer overflows, and virus creation. This course follows the EC-Council's official curriculum and is designed for students who plan to take the CEH exam 312-50.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

(May Include Activation) Six Year Review

Advisory (New) Grade Option Change

Outline of Topics

Texts

Title Change (Short only)

Approved

Proposed for College(s): City

Originating Campus: CITY

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

205 CompTIA Advanced Security Practitioner (CASP) Certification Training 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

REQUISITES:

Advisory: Completion of or concurrent enrollment in Information, Network, and Web Technologies 100, Information, Network, and Web Technologies 120, Information, Network, and Web Technologies 140, and Information, Network, and Web Technologies 200, each with a grade of "C" or better, or equivalent.

This course provides students with the skills and technical knowledge needed to conceptualize, design, and engineer security solutions across complex enterprise environments. Emphasis is placed on the principles of Enterprise Security, Research and Analysis, Risk Management, Policy/Procedure and Legal, Integration of Computing, Business Disciplines, and Communications as they relate to security factors affecting network environments. This course is designed for student preparing for the CASP exam or any students interested in cybersecurity. CompTIA's Advanced Security Practitioner (CASP) certification is included in the approved list of certifications that meet the Department of Defense (DoD) Directive 8570.1.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

(May Include Activation)

Six Year Review Advisory (Change) Grade Option Change

Supplies **Texts**

Approved

Proposed for College(s): City

Originating Campus: CITY

Effective: Fall 2020

Subject: Manufacturing Engineering Technology (MFET) Discipline: Industrial Technology, Manufacturing **Technology**

*~ 107 Introduction to Manufacturing Project

8 - 9 hours lecture, 24 - 27 hours lab, 1 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course

REQUISITES:

Corequisite: Completion of or concurrent enrollment in Manufacturing Engineering Technology 101 with a grade of "C" or better, or equivalent.

This course provides students the opportunity to apply manufacturing engineering technology skills to solve an industrial manufacturing problem. Students work together in groups to address an integrated, technical problem selected by industry and/or program faculty. Topics cover the fundamental principles of manufacturing, such as production stages, design, quality, lean manufacturing, automation and manufacturing prints. This course is designed for students as preparation to enter the manufacturing engineering technology field.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City

Deactivation (Not at any College)

Approved

Proposed for College(s): City

Originating Campus: CITY

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Photography (PHOT) Discipline: Photography

~ 103 Digital Directed Photo Lab Studies

48 - 54 hours lab, 1 units

Pass/No Pass Action(s) Proposed: Course Revision

(May Include Activation)

Offered At: City

Six Year Review Advisory (New) Course Description

Methods of Evaluation Outline of Topics Prerequisite (Remove)

Reading Assignments Student Learning Objectives

Supplies **Texts** Title Change Writing Assignments

Approved

Proposed for College(s): City

Originating Campus: CITY

Effective: Fall 2020

Offered At: NONE

REQUISITES:

Advisory: Completion of or concurrent enrollment in Photography 105 or Photography 143, each with a grade of "C" or better, or equivalent.

This course is a project-based supervised lab in digital photography. Emphasis is placed on instruction and practice in photo lab and photo editing techniques. This course is intended for Photography majors and students interested in digital photography.

FIELD TRIP REQUIREMENTS: Not required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Subject: Political Science (POLI) Discipline: Political Science

*~ 31 Social and Behavioral Sciences Statistics Support

16 - 18 hours lecture, 1 units

Pass/No Pass Action(s) Proposed: New Course

Approved

Proposed for College(s): City

Originating Campus: CITY

Effective: Fall 2020

REQUISITES:

Corequisite: Political Science 201.

Limitation on Enrollment: This course is not open to students with previous credit for

Psychology 31.

This course provides additional hands-on experience in basic mathematical and statistical concepts. Students review key terms and definitions and practice foundational skills. This course is intended for students who require additional support to succeed in transfer-level Social and Behavioral Science statistics course.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Not applicable to the Associate Degree.

[~]Course requires CCCCO submission

Subject: Political Science (POLI) Discipline: Political Science

201 Elementary Statistics for Political Science

48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

REQUISITES:

Prerequisite: Mathematics 109 with a grade of "C" or better, or equivalent or Mathematics 92 or Mathematics 96, each with a grade of "C" or better, or equivalent or Milestone M40 or M50 or students with Milestone M30 must enroll in Learning Community 201X (Political Science 201 and Political Science 31 Learning Community). Advisory: English 101 with a grade of "C" or better, or equivalent.

This is an introductory course on statistical methods for political and social sciences. Emphasis is placed on basic data analysis techniques as well as elementary statistical and probability concepts. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis based on data from disciplines including business, social and behavioral sciences, life science, health science, and education. This course is designed for Political Science majors, other Social Sciences majors, and anyone interested in statistics.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.

Offered At: City, Mesa

(May Include Activation) Coreauisite (New) General Education

Approved

Proposed for College(s): City, Mesa

Originating Campus: CITY

This course is being proposed at City and Mesa for:

> District General Education: A2 Language and Rationality - Communication & Analytical Thinking

To be reviewed at the May 14th CIC meeting

Effective: Fall 2020

Subject: Psychology (PSYC) Discipline: Psychology

*~ 31 Social and Behavioral Sciences Statistics Support

16 - 18 hours lecture, 1 units

REQUISITES:

Corequisite: Psychology 258.

Limitation on Enrollment: This course is not open to students with previous credit for Political Science 31.

This course provides additional hands-on experience in basic mathematical and statistical concepts. Students review key terms and definitions and practice foundational skills. This course is intended for students who require additional support to succeed in transfer-level Social and Behavioral Science statistics course.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Not applicable to the Associate Degree.

Offered At: NONE

Grade Only Action(s) Proposed: New Course

Approved

Proposed for College(s): City, Mesa,

Miramar

Originating Campus: CITY

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Subject: Psychology (PSYC) Discipline: Mathematics, Psychology

258 Behavioral Science Statistics

Offered At: City, Mesa, Miramar 48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Course Revision

(May Include Activation)

Corequisite (New)

Approved

Proposed for College(s): City, Mesa,

Miramar

Originating Campus: CITY

Effective: Fall 2020

REQUISITES:

Prerequisite: Mathematics 92 with a grade of "C" or better, or equivalent or Milestone M40 or Mathematics 96 with a grade of "C" or better, or equivalent or Milestone M50 or students with Milestone M30 must enroll in Learning Community 258X (Psychology 258 and Psychology 31 Learning Community).

Advisory: English 101 with a grade of "C" or better, or equivalent.

This course is an introductory study of statistics for the behavioral sciences. Emphasis is placed on acquainting students with the concepts underlying statistical methods and research approaches; basic statistical analyses; and principles. Topics include data collection; descriptive and inferential statistics; sampling distributions; measures of central tendency, dispersion, relative standing, and relationship; probability; prediction; hypothesis evaluation; and tests for treatment effects. This course is intended for students majoring in the behavioral/social sciences or those interested in applied statistics.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. IGETC. CSU General Education. UC Transfer Course List.

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

*~ 150 Forensic Radiology for the Radiologic Technologist

32 - 36 hours lecture, 2 units **Grade Only**

REQUISITES:

Corequisite: Completion of or concurrent enrollment in Radiologic Technology 101 with a grade of "C" or better, or equivalent.

Limitation on Enrollment: Special Admission - must be admitted to program. This course provides an overview of how radiologic imaging has been incorporated into medicolegal death investigations. Emphasis is placed on discussing the advantages and limitations of different imaging modalities, the issues which impact forensic imaging, and the different methods for identifying the dead. The use of computer software in this field is also discussed. This course designed for Radiologic Technology students interested in postmortem imaging.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: Mesa

Action(s) Proposed: Course Deactivation (Not at any College)

Approved

Proposed for College(s): Mesa

Originating Campus: MESA

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

PROGRAM CHANGES

(Note: To view from *Proposals* screen, click *Program Search* button, scroll down to program name, then option title, if appropriate, and click *PR* icon.)

*Business Studies

Program Deactivation- Approved

Business- City, PID 4071: Effective Fall 2020

Business Management and Organization Certificate of Performance

*Business Studies

Program Deactivation- Approved

Business- City, PID 4073: Effective Fall 2020

Communication Certificate of Performance

*Business Studies

Program Deactivation- Approved

Business- City, PID 4072: Effective Fall 2020

Business Administration Emphasis - Cox Associate of Science

*Communications

Program Revision- Approved

Radio, Television, and Film- City, PID 3985: Fall 2020

Broadcast News Certificate of Performance

*Communications

Program Revision- Approved

Radio, Television, and Film-City, PID 3992: Fall 2020

Broadcast News Certificate of Achievement

*Communications

Program Revision- Approved

Radio, Television, and Film-City, PID 3991: Effective Fall 2020

Film Production Certificate of Achievement

*Communications

Program Revision- Approved

Radio, Television, and Film-City, PID 3989: Effective Fall 2020

Video Production Certificate of Achievement

*Communications

Program Revision- Approved

Radio, Television, and Film-City, PID 3990: Effective Fall 2020

Video Production Certificate of Performance

*Engineering Technology

New Program- Approved

Energy and Geo-Environmental Engineering- City, PID 3995: Effective Fall 2020

Energy Analysis and Consultation Associate of Science

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission

Approved

Curriculum Instructional Council Actions Approved – December 12, 2019 Addendum

*Engineering Technology

New Program- Approved

Energy and Geo-Environmental Engineering- City, PID 4008: Effective Fall 2020

Energy Analysis and Consultation Certificate of Achievement

*Manufacturing Technology

New Program- Approved

Manufacturing Engineering Technology- City, PID, 4000: Effective Fall 2020

Manufacturing Fundamentals Certificate of Achievement

*Manufacturing Engineering Technology

Program Revision- Approved

Manufacturing Engineering Technology- City, PID 3969: Effective Fall 2020

Introduction to Manufacturing Certificate of Performance

*Selected Studies

Program Deactivation- Approved

Liberal Arts and Sciences-City, PID 3967: Effective Fall 2020

Selected Studies Associate of Arts

*Visual and Performing Arts

Program Revision- Approved

Dance- City, PID 3963: Effective Fall 2020

Dance Certificate of Performance

^{*}Requires Board of Trustees approval prior to implementation

[~]Course requires CCCCO submission