



District Technical Review Workgroup - Instructional (DTRW-I)

AGENDA

October 17, 2018 - 1:30 – 3:30 p.m.

DAC Lakin Board Room

Consent Agenda Items (10 minutes time certain)

- Approval of September 13, 2018 Meeting Notes
- Curriculum Submissions

MOORPARK COLLEGE

Revised Course

EMT M01	Emergency Medical Technician	5- 6 units
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New Courses

ACCT M50	Principles of Income Taxation	3 units
DANC M19A	Conditioning for Dance: Pilates I	2 units
DANC M19B	Conditioning for Dance: Pilates II	2 units
DANC M19C	Conditioning for Dance: Pilates III	2 units
DANC M24	Introduction to Dance Education	1.5 units
DANC M26	Teaching Principles for Dance	3 units
DANC M53	Careers in Dance	3 units
ECON M170	Economic History of the US	3 units
ENGR M05	2-Dimensional Computer Aided Drawing and Design with AutoCAD	3 units
ENGR M07	SolidWorks I-Engineering Mechanical Design	3 units
ENGR M08	SolidWorks II-Engineering Design Practicum	3 units
ENGR M33	Introduction to Environmental Engineering	3 units
ENGR M33L	Environmental Engineering Lab	1 units
GEOL M02H	Honors: Physical Geology	3 units
GEOL M18	Field Experience in Geological Sciences	1 units
PHTC M37	Professional Practices for Photographers	3 units

TOP Code Changes

ENGL M13A	Survey of American Literature I, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M13B	Survey of American Literature II, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M14	Introduction to Poetry, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M15A	Survey of English Literature I, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M15B	Survey of English Literature II, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M16	Introduction to Fiction, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M17	Shakespeare, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M20	Introduction to Drama, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M29A	The Bible as Literature (Old Testament), 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M29B	The Bible as Literature (New Testament), 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M30A	Masterpieces of World Literature I, 3 units	1503.00 Comparative Literature 1501.00 English
ENGL M30B	Masterpieces of World Literature II, 3 units	1503.00 Comparative Literature 1501.00 English
KIN M16	Personal Training Principles, 3 units	0835.00 Physical Education 0835.20 Fitness Trainer
KIN M18	Foundation of Fitness, 3 units	0835.00 Physical Education 0835.20 Fitness Trainer



MOORPARK COLLEGE (continued)

New Programs

Accounting – Proficiency Award	9 units
Engineering Computer Aided Design and Drafting - Certificate of Achievement	12 units
Environmental Engineering Technology - Certificate of Achievement	20 units

OXNARD COLLEGE

New Credit Courses

ART R174	Latin American Art	3 units
CHST R102	Chicana/o Cultural Identity	3 units
CNIT R161	Programming Essentials in Python	3 units
CNIT R172	CompTIA PenTest+	3 units
CNIT R180	Certification Preparation	3 units
DANC R112A	Introduction to Hip-Hop Dance	1 unit
DANC R112B	Beginning Hip-Hop Dance	1 unit
ECON R101H	Honors: Introduction to the Principles of Microeconomics	3 units
ECON R102H	Honors: Introduction to the Principles of Macroeconomics	3 units
EMT R109	Emergency Medical Responder	3 units
ENGL R097S	Writing Support for Intermediate Composition	2 units
ENGL R100S	Writing Support for Intermediate Composition: ESL emphasis	2 units
ENGL R100E	College Composition Corequisite Support: ESL emphasis	2 units
ENGL R101S	College Composition Corequisite Support	2 units
ENGR R135	Dynamics	3 units
ENGR R140	Materials Science and Engineering	3 units
ENGR R140L	Materials Science and Engineering Lab	1 unit
ENGR R150	Engineering Graphics and Design	3 units
ENGR R160	Electronic Circuits and Devices	3 units
ENGR R160L	Electronic Circuits and Devices Lab	1 unit
ESL R095	College Reading Across the Curriculum	3 units
ESL R108	ESL Academic Oral Communication	3 units
ESRM R100L	Introduction to Environmental Science Laboratory	1 unit
MATH R055S	Algebra Support for Math R105	2 units
MATH R065S	Algebra Support for MATH R115	2 units
MATH R098T	Algebra Support for Math R106	2 units
MATH R117	Precalculus and Trigonometry	6 units
PE R162	Volleyball II	1 unit
SPAN R119	Cultures of Latin America	3 units

New Non-Credit Courses

PG R820	Reaching Excellence in Academics and Challenges	3 hours
PG R850	Emotional Intelligence	9 hours

Revised Courses

MATH R005	Beginning and Intermediate Algebra for Statistics and Liberal Arts	6 hours
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VENTURA COLLEGE

New Credit Courses

ACE V11	Automotive Vehicle Maintenance	3 units
ACE V12	Automotive Electrical Systems I	4 units
ACE V13	Automotive Engine Repair	4 units
ACE V21	Automotive Brake Systems	4 units
ACE V22	Automotive Steering & Suspension Systems	4 units
ACE V23	Automotive Electrical Systems II	4 units
ACE V31	Automotive Heating and Air Conditioning	4 units
ACE V32	Automotive Engine Management	4 units
ACE V33	Automotive Manual Transmissions and Transaxles	4 units
ACE V41	Automotive Automatic Transmissions and Transaxles	4 units
ACE V42	Automotive Engine Driveability	4 units
ART V58C	Figure Sculpture II	3 units
EDU V09	Dance and Music for Transitional Kindergarten through the Elementary Years	3 units
EDU V10	Developing Literacy in Diverse Classrooms	3 units
FILM V11	History of International Cinema: World War II to the Present	3 units
HIST V87	Introduction to the History of Science and Technology	3 units
MATH V03J	Just-In-Time Support for Intermediate Algebra	2 units
MATH V04J	Just-In-Time Support for College Algebra	2 units
MATH V40J	Just-In-Time Support for Math Topics	1 unit
MATH V44J	Just-in-Time Support for Elementary Statistics	2 units
PHIL V12	Introduction to Religion	3 units
PHIL V14	Confucianism and Taoism	3 units
PHIL V15	Teachings of Jesus in Comparative Literature	3 units
THA V15A	Beginning Directing	3 units
THA V15B	Intermediate Directing	3 units
THA V29B	History of Motion Pictures II	3 units

New Noncredit Course

ENGL N101	Language Arts: Writing Mechanics	0 units
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Revised Courses

ART V09 B	Introduction of Modern and Contemporary Latin American Art	3 units
THA V29 A	History of Motion Pictures I	3 units



Ventura College (continued)

TOP Code Changes

BIOL V95	Biology Internship	0401.00 Biology, General	4932.00 General Work Experience*
NS V85	Success Workshops for Nursing	4230.00 Nursing	1230.10 Registered Nursing
NS V90	Directed Studies in Nursing	4230.00 Nursing	1230.10 Registered Nursing
NS V95	Nursing Science Internship I	4230.00 Nursing	1230.10 Registered Nursing
NS V96	Nursing Science Internship II	4230.00 Nursing	1230.10 Registered Nursing
PHOT V02	Beginning Photography with Digital Techniques	4011.00 Photography	1012.00 Commercial Photography
PHOT V06B	Introduction to Color Photography II	4011.00 Photography	1012.00 Commercial Photography
PHOT V70A	Adobe Photoshop I for Digital and Fine Art	4011.00 Photography	0614.00 Digital Media
PHOT V70B	Adobe Photoshop II for Digital and Fine Art	4011.00 Photography	0614.00 Digital Media
PHOT V73A	Digital Imaging	4011.00 Photography	1030.00 Graphic Art and Design

SAM Code Changes

ART V12B	Drawing and Composition II	Possible Non-Occupational
ART V13C	Life Drawing III	Advanced Non-Occupational
ART V13D	Life Drawing IV	Advanced Non-Occupational
ART V15B	Life Painting II	Possible Non-Occupational
ART V15C	Life Painting III	Possible Non-Occupational
ART V16A	Beginning Oil Painting I	Possible Non-Occupational
ART V20B	Intermediate Oil Painting II	Possible Non-Occupational
ART V20C	Portfolio Development	Possible Non-Occupational
ART V46B	Beginning Acrylic Painting II	Possible Non-Occupational
ART V47B	Intermediate Acrylic Painting II	Possible Non-Occupational
ART V52B	Ceramic Design	Possible Non-Occupational
CD V02	Child Growth and Development	Possible Non-Occupational
CD V20	Curriculum and Strategies for Children with Special Needs	Possible Occupational
GEOG V90	Directed Studies in Geography	Possible Non-Occupational
HED V32	Principles of Food with Lab	Non Occupational

CURRENT BUSINESS:

- CourseLeaf “to do list” discussion
- 17-18 Goals and Accomplishments
- 18-19 Goals and Accomplishments
- AP 4020
- Online April catalog draft discussion



ITEMS IN RESERVE:

Fall Agenda Items

- Standing Item: Update on CourseLeaf – Mike Rose
- Course Numbering (700 numbering) for Bridges – J. Mansfield
- Letter Grade/Pass No Pass notation in catalogs (continued from Spring 2018)
- New Title 5 Regulation on Credit Hours (continued from Spring 2018)
- C-ID/Common Course numbering on campus (continued from Spring 2018)
- Articulation Officers
 - AP/BP 4235: Credit By Examination
 - Military Credit Discussion
 - Articulation with Adult Education
 - TAG Agreements/Current Articulation Agreements
- BP/AP 4222 – Remedial Coursework

(Items in Reserve (continued))

- BP/AP 4020 – Curriculum Development
- T5 GE Pattern – T. Brabander
- Noncredit BP
- Common Core Numbering
- Coordinating DE Offerings

Ventura County Community College District

2018-2019 Academic Year

District Technical Review Workgroup – Instructional (DTRW-I)

Thursday, September 13, 2018 - 1:00 p.m. – 3:00 p.m.

Members: Chancellor’s Designee: Julius Sokenu, Chair (MC)
 Faculty Co-Chair: Lydia Morales (VC)
 Vice Presidents: Rojelio Vasquez (OC), Julius Sokenu (MC), Kimberly Hoffmans (VC)
 Faculty Chair/Co-Chairs of Curriculum Committees: Shannon Davis (OC), Jerry Mansfield (MC), Michael Bowen (VC)
 Articulation Officers: Shannon Davis (OC), Letrisha Mai (MC), Thao Brabander (VC)
 Academic Senate Presidents: Diane Eberhardy (OC), Nenagh Brown (MC), Lydia Morales (VC)
 Administrative Officer to the Chancellor and Board of Trustees: Patti Blair (DAC)

Guests:

Absent: Rojelio Vasquez ; Diane Eberhardy ; Patti Blair

Recorder: Ana Barcenas

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
Welcome and Announcements	<i>Meeting began at 1:04pm. Introductions around the table.</i>			
Approval of May 10, 2018 meeting notes	<i>The group unanimously agreed on the approval of the notes.</i>			
Announcements	<i>A celebration was suggested in recognition of everyone’s efforts to make CourseLeaf possible. It was recommended the celebration take place after successful completion of the CourseLeaf project.</i>			
CURRICULUM SUBMISSIONS				
New Degrees/Courses/Revised Courses	MOORPARK COLLEGE TOP/SAM Code Changes ARTH M100 Understanding Art <i>Art-Fine Arts, General</i>			

Moorpark/Oxnard/Ventura Submissions

- ARTH M110 History of Western Art: Prehistoric through Gothic
~~Art~~ Fine Arts, General
- ARTH M120 History of Western Art: Renaissance through Modern
~~Art~~ Fine Arts, General
- ARTH M130 History of Art: Asian ~~Art~~ Fine Arts, General
- ARTH M150 History of Western Art: Modern through Contemporary
~~Art~~ Fine Arts, General
- PHIL M80 Internship in Philosophy
~~Non-Advanced~~ Occupational

FINAL RECOMMENDATION: *These new and revised courses will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval with changes discussed if necessary.*

OXNARD COLLEGE

Revised Course

- FT R170 Firefighter I Academy, 48 19

FT R170 should have the acronym "WMD" spelled out.

FINAL RECOMMENDATION: *These new and revised courses will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval with changes discussed if necessary.*

VENTURA COLLEGE

Revised Courses

- ART V13B Life Drawing II, 3
- ART V50D Handbuilding Ceramics IV, 3
- ART V51A Beginning Ceramics I, 3
- ART V51B Beginning Ceramics II, 3
- ART V52A Ceramic Design I, 3

SAM CODE Changes

- ART V26A Intermediate Sculpture I
Possibly **Non** Occupational
- ART V26B Intermediate Sculpture II
Possibly **Non** Occupational
- MUS V22A Advanced Chamber Music: Woodwinds
Possibly **Non** Occupational
- MUS V22B Advanced Chamber Music: Brass

	<p>MUS V22C <i>Possibly Non Occupational</i> Advanced Chamber Music: Strings and Keyboards <i>Possibly Non Occupational</i></p> <p><i>Remove ART V13B, ART V50D, and ART V51A since these courses are not a substantial change.</i></p> <p>FINAL RECOMMENDATION: <i>These new and revised courses and programs will go forward to Chancellor’s Cabinet, Consultation Council, and subsequently to the Board for full approval with changes discussed if necessary.</i></p> <p><i>Moving forward courses approved with C-ID will be noted with only the C-ID. Courses <u>not</u> yet approved with C-ID will be noted before the course number as follows: “Aligned with” and C-ID number.</i></p>			
Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
CURRENT BUSINESS				
Co-Chair Election	<i>The group voted unanimously in favor of Lydia Morales.</i>			
CourseLeaf	<p><i>It was recommended we bring markers and easels during the CourseLeaf Pilot days. Those dates are confirmed for September 26th and 27th. The entire group is needed to be present because we do not know when or who will be needed at what time. The next webinar call is September 20th at 11am. We may want to ask during the webinar, specifically what is in our package. CurricUNET is expected to end sometime in February.</i></p> <p><i>The group discussed when the second extraction is to take place, it is projected it will take place sometime in January. All agreed the goal is to make CurricUNET as clean as possible for the extraction.</i></p> <p><i>Faculty training might happen in March 2019.</i></p>			
Revisiting AP4103 due to Title 5 change	<i>After review and discussion, the group recommends the CTE Workgroup for the District is the appropriate group to plan/create</i>			

	<i>changes to AP 4103. Julius Sokenu and Lydia Morales will email the Chancellor.</i>			
The new unit count	<i>AP 4020. The majority of the requested information is currently in our policy, but additional information is needed. Julius Sokenu will request a placeholder for the October Board of Trustees meeting. Julius will contact Virginia Guleff, Vice President of Instruction from Butte College, and follow-up with the group.</i>			
Compressed Calendar	<i>The committee was notified of the Chancellor's request to bring together members from DTRW-I and DTRW-SS as one workgroup that would meet and report back to the Consultation Counsel. After discussion, the DTRW-I members recommended an initial workgroup be formed for that purpose. Supporters for that group should include members from the following areas: Enrollment, Financial Aid, Registrar, Counselors, the Foundation from each college, a student from each college, a VPAA, and VPSS.</i>			
VCCCD common course numbering	<i>To review in Spring 2019.</i>			
Arrange DTRW meeting site for October	<i>Request a different room at the DAC.</i>	<i>Contact Lisa Ayala at the DAC</i>	<i>Before next meeting</i>	<i>Ana Barcenas</i>
Adjournment	<i>2.59pm</i>			
Next CourseLeaf Meetings	<p><i>September 20, 2018 – CourseLeaf Pre-Pilot Training: 11am – 1pm (webinar call)</i></p> <p><i>September 26, 2018 – CourseLeaf On-Site Pilot Meeting; Day 1: DAC Boardroom, 9am – 4:30pm</i></p> <p><i>September 27, 2018 – CourseLeaf On-Site Pilot Meeting; Day 2: DAC Boardroom, 9am – 4:30pm</i></p>			
Next Regular DTRW-I Meeting Date:	<i>October 11, 2018– TBD, 1pm</i>			

MOORPARK COLLEGE

REVISED COURSES

EMT M01 Emergency Medical Technician ~~5~~ **6** units

NEW COURSES

ACCT M50	Principles of Income Taxation	3 units
DANC M19A	Conditioning for Dance: Pilates I	2 units
DANC M19B	Conditioning for Dance: Pilates II	2 units
DANC M19C	Conditioning for Dance: Pilates III	2 units
DANC M24	Introduction to Dance Education	1.5 units
DANC M26	Teaching Principles for Dance	3 units
DANC M53	Careers in Dance	3 units
ECON M170	Economic History of the US	3 units
ENGR M05	2-Dimensional Computer Aided Drawing and Design with AutoCAD	3 units
ENGR M07	SolidWorks I-Engineering Mechanical Design	3 units
ENGR M08	SolidWorks II-Engineering Design Practicum	3 units
ENGR M33	Introduction to Environmental Engineering	3 units
ENGR M33L	Environmental Engineering Lab	1 units
GEOL M02H	Honors: Physical Geology	3 units
GEOL M18	Field Experience in Geological Sciences	1 units
PHTC M37	Professional Practices for Photographers	3 units

TOP CODE CHANGES

ENGL M13A	Survey of American Literature I	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M13B	Survey of American Literature II	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M14	Introduction to Poetry	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M15A	Survey of English Literature I	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M15B	Survey of English Literature II	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M16	Introduction to Fiction	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M17	Shakespeare	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M20	Introduction to Drama	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M29A	The Bible as Literature (Old Testament)	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M29B	The Bible as Literature (New Testament)	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M30A	Masterpieces of World Literature I	3 units	1503.00 Comparative Literature 1501.00 English
ENGL M30B	Masterpieces of World Literature II	3 units	1503.00 Comparative Literature 1501.00 English
KIN M16	Personal Training Principles	3 units	0835.00 Physical Education 0835.20 Fitness Trainer
KIN M18	Foundation of Fitness	3 units	0835.00 Physical Education 0835.20 Fitness Trainer

NEW PROGRAMS

Accounting – Proficiency Award	9 units
Engineering Computer Aided Design and Drafting - Certificate of Achievement	12 units
Environmental Engineering Technology - Certificate of Achievement	20 units

Revised Courses

EMT M01 Emergency Medical Technician 5- 6 units
Prerequisite: **Current American Heart Association Basic Life
Support Provider (BLS Provider) CPR card.**
Corequisite: EMT M01L
Recommended Prep: NS M19
Hours: ~~5~~ 6 lecture, 0 laboratory weekly
Prepares students to render pre-hospital basic life support at the scene of an emergency, during transport of the sick and injured, or during inter-facility transfer. Introduces topics in the field of emergency care including anatomy, physiology, patient assessment, medical and traumatic emergencies and injuries. Successful completion of this course and EMT M01L will prepare the student to take the National Registry of EMT (NREMT) Basic Exam (~~providing~~ **provided** all other requirements are met ~~and the student is at least 18 years of age at the time of the examination~~). ~~Current~~. **Students are required to bring a current** American Heart Association Basic Life Support **Provider (BLS Provider) CPR card to the first day of class to remain enrolled in the class. Due to clinical facility requirements, students must be 18 years old by the first day of class. Evidence of current health insurance** and clearance of health appraisal, background check, and drug screening is required prior to clinical rotations and for continued enrollment in the course.
Formerly HS M24. Applies to Associate Degree. Transfer Credit: CSU

New Courses

ACCT M50 Principles of Income Taxation 3 units
Prerequisite: MATH M01 or MATH M01B or equivalent
Recommended Prep: ENGL M02
Hours: 3 lecture, 0 laboratory weekly
Introduces the principles of federal and California taxation relating to individual income taxes. Emphasizes the preparation of personal tax returns.
Applies to Associate Degree. Transfer Credit: CSU

DANC M19A Conditioning for Dance: Pilates I 2 units
Hours: 1 lecture, 3 laboratory weekly
Introduces the fundamental somatic work of Joseph H. Pilates to improve posture and alignment using apparatus, mat, and supplemental techniques. Focuses on improving strength, flexibility alignment using the Pilates principles of: Control, Centering, Coordination, Precision, Flow and Dynamics as they apply to human movement and performance.
Applies to Associate Degree. Transfer Credit: CSU

DANC M19B Conditioning for Dance: Pilates II 2 units
Prerequisite: DANC M19A
Hours: 1 lecture, 3 laboratory weekly
Introduces and practices level II somatic work of Joseph H. Pilates for apparatus and mat. Develops further strength, and flexibility alignment using the Pilates principles: Control, Centering, Coordination, Precision, Flow and Dynamics as they apply to human movement and performance.
Applies to Associate Degree. Transfer Credit: CSU

New Courses (continued)

ENGR M33 Introduction to Environmental Engineering 3 units

Recommended Prep: CHEM M12, and MATH M03 or MATH M03B

Hours: 3 lecture, 0 laboratory weekly

Introduces local and global environmental pollution issues. Focuses on air, water, and soil pollution by identifying the various sources of contamination, examining the processes responsible for contaminant transformation and transportation, investigating the various methods of contaminant removal, and considering the effects of these contaminants on the health of humans and the ecosystems. Discusses and analyzes the relevant physical, chemical and biological principles responsible for all the aforementioned processes. Identifies and explains the applicable federal, state and local regulatory practices.

Applies to Associate Degree. Transfer Credit: CSU

ENGR M33L Environmental Engineering Lab 1 units

Prerequisite: ENGR M33

Hours: 0 lecture, 3 laboratory weekly

Provides students with working knowledge of physical, chemical, and biological processes that control environmental pollution transport, transformation, and remediation. Explores various laboratory techniques in analytical chemistry and microbial biology related to identification and quantification of inorganic and organic contaminants present in soil, water, wastewater, and air samples.

Applies to Associate Degree. Transfer Credit: CSU

GEOL M02H Honors: Physical Geology 3 units

Hours: 3 lecture, 0 laboratory weekly

Introduces geologic materials and processes that shape the Earth and its environments. Examines global plate tectonic processes and their relationship to earthquakes, volcanoes, mountain building, formation of rocks, minerals and natural resources, and rock structures (folds and faults). Includes a study of mass movements and glacial, river, and coastal processes that form the Earth's landscapes. Emphasizes the relationships between humans and geologic processes. Honors work challenges students to be more analytical and creative through expanded assignments, applied research, and enrichment opportunities. Course Credit Limitations: Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better or "P". Honors Program requires a letter grade.

Applies to Associate Degree. Transfer Credit: CSU

GEOL M18 Field Experience in Geological Sciences 1 units

Prerequisite: GEOL M02 or GEOL M02H or GEOL M03 or GEOL M121

Hours: 3 lecture, 0 laboratory weekly

Explores the rich geology of California through field investigation. Focuses on the following topics: faults, earthquakes, volcanoes, mountain building, and tectonics. Weekend field trips required.

Applies to Associate Degree. Transfer Credit: CSU

New Courses (continued)

PHTC M37 Professional Practices for Photographers 3 units
Hours: 3 lecture, 0 laboratory weekly
Focuses on the principles and practices within commercial photography. Covers issues such as career choices, insurance, promotion, portfolio development, releases, estimates, invoicing, image licensing, and copyright issues for photographers.
Applies to Associate Degree. Transfer Credit: CSU

TOP Code Changes

ENGL M13A Survey of American Literature I 3 units
Prerequisite: ENGL M01A or ENGL M01AH
Recommended Prep: **ENGL M01B or ENGL M01BH**
Hours: 3 lecture, 0 laboratory weekly
C-ID: ENGL 130 (approved)
Surveys American fiction, non-fiction, and poetry from the colonial period to the end of the Civil War. Includes works of Bradstreet, Edwards, Franklin, Poe, Melville, Hawthorne, Emerson, Thoreau, Whitman, Dickinson, Equiano, and Stowe.
Applies to Associate Degree. Transfer Credit: CSU; UC.
*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

ENGL M13B Survey of American Literature II 3 units
Prerequisite: ENGL M01A or ENGL M01AH
Recommended Prep: **ENGL M01B or ENGL M01BH**
Hours: 3 lecture, 0 laboratory weekly
C-ID: ENGL 135 (approved)
Surveys American fiction, non-fiction, drama, and poetry from the post-Civil War era to the present. Includes works of Twain, Frost, Hemingway, Eliot, Hughes, Morrison, and selected other authors, poets, dramatists, and essayists.
Applies to Associate Degree. Transfer Credit: CSU; UC.
*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

ENGL M14 Introduction to Poetry 3 units
Prerequisite: ENGL M01A or ENGL M01AH
Recommended Prep: **ENGL M01B or ENGL M01BH**
Hours: 3 lecture, 0 laboratory weekly
Introduces the study of poetry, emphasizing theme, imagery, figurative language, symbolism, rhythm, and diction. Includes poetry in English and in translation.
Applies to Associate Degree. Transfer Credit: CSU; UC.
*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

TOP Code Changes (continued)

ENGL M20 Introduction to Drama 3 units

Prerequisite: ENGL M01A or ENGL M01AH

Recommended Prep: **ENGL M01B or ENGL M01BH**

Hours: 3 lecture, 0 laboratory weekly

Introduces the study of drama in its historical, cultural, and biographical context. Studies plays ranging from ancient Greek tragedy to modern drama, emphasizing analysis and sound critical judgment.

Applies to Associate Degree. Transfer Credit: CSU; UC

*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

ENGL M29A The Bible as Literature (Old Testament) 3 units

Prerequisite: ENGL M01A or ENGL M01AH

Recommended Prep: **ENGL M01B or ENGL M01BH**

Hours: 3 lecture, 0 laboratory weekly

Introduces the 39 books of the Old Testament and the Old Testament Apocrypha through lecture, reading, and discussion. Emphasizes literary qualities such as characters, recurrent themes, motifs, images and symbols, as well as major genres and representative forms of Biblical writings.

Applies to Associate Degree. Transfer Credit: CSU; UC

*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

ENGL M29B The Bible as Literature (New Testament) 3 units

Prerequisite: ENGL M01A or ENGL M01AH

Recommended Prep: **ENGL M01B or ENGL M01BH**

Hours: 3 lecture, 0 laboratory weekly

Introduces the New Testament through lecture, reading, and discussion. Emphasizes literary qualities such as characters, recurrent themes, motifs, images and symbols, as well as major genres and representative forms of Biblical writings.

Applies to Associate Degree. Transfer Credit: CSU; UC

*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

ENGL M30A Masterpieces of World Literature I 3 units

Prerequisite: ENGL M01A or ENGL M01AH

Recommended Prep: **ENGL M01B or ENGL M01BH**

Hours: 3 lecture, 0 laboratory weekly

C-ID: ENGL 140 (approved)

Surveys important works of literature from the Americas, Asia, Europe, and Africa in their literary, historical, and cultural context. Includes works from the earliest to about 1650 CE.

Applies to Associate Degree. Transfer Credit: CSU; UC

*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

TOP Code Changes (continued)

ENGL M30B Masterpieces of World Literature II 3 units
Prerequisite: ENGL M01A or ENGL M01AH
Recommended Prep: **ENGL M01B or ENGL M01BH**
Hours: 3 lecture, 0 laboratory weekly
C-ID: ENGL 145 (approved)
Surveys important works of literature from the Americas, Asia, Europe, Australia, and Africa in their literary, historical, and cultural context. Includes works from 1650 CE to the present.
Formerly ENGL M31. Applies to Associate Degree. Transfer Credit: CSU; UC
*Note: TOP Code change: ~~1503.00 Comparative Literature~~ **1501.00 English***

KIN M16 Personal Training Principles 3 units
Recommended Prep: KIN M18
Hours: 2 lecture, 3 laboratory weekly
Introduces exercise physiology, biomechanics, and anatomy as foundational concepts for appropriate exercise programming. Includes learning and applying popular pre-exercise assessments for a variety of populations and abilities. Relates the principles of exercise science and program design to prepare students for successful completion of a personal training certification.
Formerly PE M95. Applies to Associate Degree. Transfer Credit: CSU
*Note: TOP Code change: ~~0835.00 Physical Education~~ **0835.20 Fitness Trainer****

KIN M18 Foundations of Fitness 3 units
Hours: 3 lecture, 0 laboratory weekly
Provides foundational information for fitness enthusiasts and those interested in pursuing a career as a fitness professional. Introduces muscular, cardiorespiratory, and other physiological systems essential for application to program design and its specificity to training goals. Includes muscular, neural, and skeletal anatomy in relation to proper movement, with the purpose of applying safe and effective exercise program design. Provides preparation for personal trainer certification exam.
Formerly PE M91. Applies to Associate Degree. Transfer Credit: CSU
*Note: TOP Code change: ~~0835.00 Physical Education~~ **0835.20 Fitness Trainer****

New Programs

Accounting Proficiency Award

The accounting Proficiency Award program is designed to provide students with the skills and knowledge required for entry-level bookkeeping positions in small businesses. The program encompasses classroom instruction and extensive hands-on application with both manual and computerized accounting systems. To earn a Proficiency Award in Accounting, students must complete 9 specified units below.

	Units
ACCT M01 Introduction to Accounting	3
or	
ACCT M110 Financial Accounting	3
ACCT M62 Quickbooks	3
ACCT M70 Payroll Accounting	3
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Total Units	9

New Programs (continued)

Engineering Computer Aided Design and Drafting Certificate of Achievement

The Certificate in Engineering Design and Drafting prepares students to work in an engineering or architectural industry to create technical drawings for the design of many different products, machines, and structures ranging in size from small microchips to high-rise buildings. Students completing this program will be well versed in 2-D AutoCAD and 3-D SolidWorks drawing software, and will be prepared to take the AutoCAD Certified User (ACU), Certified SolidWorks Associate-Academic, and Certified SolidWorks Professional examinations. Students earning the two Certifications in SolidWorks will be able to enter their name in the industry database with a link to their resume. Furthermore, with the Professional SolidWorks Certification students may obtain a business card from SolidWorks which they can use during job interviews. To earn a Certificate of Achievement in Engineering Design and Drafting students must complete 12 specified units.

		Units
ENGR M04	Engineering Design/CAD	3
ENGR M05	2-Dimensional Computer-Aided Drawing and Design with AutoCAD	3
ENGR M07	SolidWorks I-Engineering Mechanical Design	3
ENGR M08	SolidWorks II-Engineering Design Practicum	3
Total Units		12

New Programs (continued)

Environmental Engineering Technology Certificate of Achievement

The Certificate in Environmental Engineering Technology prepares the students to work in an environmental industry with environmental engineers in order to assess environmental pollution problems, to determine and institute pollution prevention methods and remediation strategies. Students will learn relevant scientific and engineering concepts and gain practical knowledge in identifying, designing, and assessing solutions to environmental pollution problems. Students will also learn the proper maintenance of technical documents to ensure compliance with local, state, and federal environmental regulations. To earn a Certificate of Achievement in Environmental Engineering Technology, students must complete 20 specified units.

Required Courses:

Moorpark College - Complete 6 courses (17 units) from the following:		Units
CHEM M12	Introductory Chemistry I	4
ENGR M04	Engineering Design/CAD	3
ENGR M33	Introduction to Environmental Engineering	3
ENGR M33L	Environmental Engineering Lab	1
ENGR M35	Solid Waste and Hazardous Waste Management	3
GIS M01	Introduction to Mapping and Geographic Information Systems (GIS)	3

Required Courses:

Ventura College - Complete 1 course (3 units):		Units
WS V22	Stormwater Pollution Prevention	3
Total Units		20

End

OXNARD COLLEGE

New Credit Courses

		Units
ART R174	Latin American Art	3
CHST R102	Chicana/o Cultural Identity	3
CNIT R161	Programming Essentials in Python	3
CNIT R172	CompTIA PenTest+	3
CNIT R180	Certification Preparation	3
DANC R112A	Introduction to Hip-Hop Dance	1
DANC R112B	Beginning Hip-Hop Dance	1
ECON R101H	Honors: Introduction to the Principles of Microeconomics	3
ECON R102H	Honors: Introduction to the Principles of Macroeconomics	3
EMT R109	Emergency Medical Responder	3
ENGL R097S	Writing Support for Intermediate Composition	2
ENGL R100S	Writing Support for Intermediate Composition: ESL emphasis	2
ENGL R100E	College Composition Corequisite Support: ESL emphasis	2
ENGL R101S	College Composition Corequisite Support	2
ENGR R135	Dynamics	3
ENGR R140	Materials Science and Engineering	3
ENGR R140L	Materials Science and Engineering Lab	1
ENGR R150	Engineering Graphics and Design	3
ENGR R160	Electronic Circuits and Devices	3
ENGR R160L	Electronic Circuits and Devices Lab	1
ESL R095	College Reading Across the Curriculum	3
ESL R108	ESL Academic Oral Communication	3
ESRM R100L	Introduction to Environmental Science Laboratory	1
MATH R055S	Algebra Support for Math R105	2
MATH R065S	Algebra Support for MATH R115	2
MATH R098T	Algebra Support for Math R106	2
MATH R117	Precalculus and Trigonometry	6
PE R162	Volleyball II	1
SPAN R119	Cultures of Latin America	3

New Non-Credit Courses

PG R820	Reaching Excellence in Academics and Challenges	3 hours
PG R850	Emotional Intelligence	9 hours

Revised Courses

MATH R005	Beginning and Intermediate Algebra for Statistics and Liberal Arts	6 hours
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New Programs

Proficiency Award in Cybersecurity	6 units
Proficiency Award in USLA Lifeguard Academy I	3 units

CNIT R180 Certification Preparation 1 Unit
Hours: .5 lecture weekly, 1.5 lab weekly

This course is designed to be taken after a student has completed a full semester Cisco or CompTIA or Microsoft course and is ready for focused certification preparation prior to taking the actual certification exam. *Course is offered on a Pass/No Pass basis only.*

Transfer credit: CSU

DANC R112A Introduction to Hip-Hop Dance 1 Unit
Hours: 3.0 lab weekly

This course is an introduction to fundamental hip-hop techniques, rhythms, and styles. Students will develop strength, flexibility, coordination, and endurance along with proper alignment and posture for hip-hop dance. Course activities will include performance of basic routines and sequences and discussion of the historical and cultural aspects of this dance genre. This course fulfills Oxnard College's Physical Education graduation requirement. *Field trips may be required. Course is offered Pass/No Pass at Student's Option.*

Transfer credit: CSU

DANC R112B Beginning Hip-Hop Dance 1 Unit
Hours: 3.0 lab weekly

This course is the second in a series of hip-hop dance courses and builds on the skills introduced in DANC R112A, Hip-Hop Fundamentals. Emphasis is placed on beginning hip-hop steps and movement while refining and expanding technique, rhythms, styles, and performance. Dance combinations will progress in difficulty. Students will develop strength, flexibility, coordination, and endurance along with proper alignment and posture for hip-hop dance. The course will also include historical and cultural aspects of this dance genre. This course fulfills Oxnard College's Physical Education graduation requirement. *Field trips may be required. Course is offered Pass/No Pass at Student's Option.*

Transfer credit: CSU

ECON R101H	Honors: Introduction to the Principles of Macroeconomics	3 Units
Prerequisites:	MATH R002 or MATH R005 or MATH R011 or MATH R015 or placement as determined by the college's multiple measures assessment process	
Advisory:	MATH R014 or MATH R014B	
Hours:	3.0 lecture weekly	
C-ID:	Aligned with ECON 202	

This course introduces the student to the functioning of the national economy in a global environment, its economic institutions, and to the issues of economic policy related to levels of employment, prices, economic growth, national income accounting and international trade and exchange rates. It examines alternate economic systems, the interplay between the government and the private sector, and the determination of public policy. Honors work challenges students to be more analytical and to be able to demonstrate a higher level of grasp of economic theory through expanded assignments and real world applications and enrichment opportunities. Credit will not be awarded for both the honors and the regular versions of a course. Credit will be awarded only for the first course completed with a grade of C or better or "P". *Field trips may be required.*

Transfer credit: CSU

ECON R102H	Honors: Introduction to the Principles of Microeconomics	3 Units
Prerequisites:	MATH R002 or MATH R005 or MATH R011 or MATH R015 or placement as determined by the college's multiple measures assessment process	
Advisory:	MATH R014 or MATH R014B	
Hours:	3.0 lecture weekly	
C-ID:	Aligned with ECON 201	

This course introduces the student to the functioning of the market mechanism, its strengths and weaknesses, and to the role of the consumer and the producer in the modern global economy. This course also examines the behavior of the consumer, and that of the profit-maximizing firm in regard to cost, price and output, within varying levels of competition, and government regulations. Honors work challenges students to be more analytical and to be able to demonstrate a higher level of grasp of economic theory through expanded assignments and real world applications and enrichment opportunities. Credit will be awarded only for the first course completed with a grade of C or better or "P". *Field trips may be required.*

Transfer credit: CSU

EMT R109 Emergency Medical Responder 3 Units
 Hours: 2.0 lecture, 3.0 lab weekly

In this course students learn to assess and initiate immediate lifesaving care to critical patients. Students will obtain basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders (EMR) function as part of a comprehensive EMS team under medical oversight, and perform basic interventions with minimal equipment. This course provides emergency care knowledge and skills to prepare students for EMT R169 - Emergency Medical Technician, and in the fields of Professional and Volunteer Firefighters and Peace Officers. Upon successful completion of this course, the student will receive an American Heart Association Healthcare Provider Card. Additionally, students will be prepared to take the National EMR Exam. *Field trips may be required.*

Transfer credit: CSU

ENGL R097S Writing Support for Intermediate Composition 2 Units
 Corequisite: ENGL R097
 Hours: 2.0 lecture weekly

This co-requisite course provides additional skills and support instruction for students enrolled in ENGL R097 Intermediate Composition or English R100 Intermediate Composition: ESL Emphasis. The course will help students hone their writing skills and concentrate on elements of sentence review and construction as well as paragraphing, essay writing, and an introduction to research. *Field trips may be required. Course is offered on a Pass/No Pass basis only.*

ENGL R100S Writing Support for Intermediate Composition ESL Emphasis 2 Units
 Corequisite: ENGL R100
 Hours: 2.0 lecture weekly

This co-requisite course provides additional skills and support instruction for students enrolled in ENGL R100 Intermediate Composition: ESL Emphasis. The course will help students hone their writing skills and concentrate on elements of sentence review and construction as well as paragraphing, essay writing, and an introduction to research. *Field trips may be required. Course is offered on a Pass/No Pass basis only.*

Transfer credit: CSU

ENGL R101E College Composition Corequisite Support 2 Units
 Corequisite: ENGL R101
 Hours: 2.0 lecture weekly

This co-requisite support course provides additional help and support for ESL students enrolled in ENGL R101 College Composition. The course will provide support instruction in areas of the ENGL R101 curriculum where students tend to require more attention. It will allow for more concentrated efforts on the core elements of ENGL R101 for the second language learner. *Field trips may be required. Course is offered on a Pass/No Pass basis only.*

Transfer credit: CSU

ENGR R150	Engineering Graphics and Design	3 Units
Prerequisites:	MATH R116	
Hours:	2.0 lecture, 3 lab weekly	
C-ID:	Aligned with ENGR 150	

This course focuses on the principles of engineering graphics which are necessary to communicate engineering designs. The use of computer-aided drafting CAD in 2 and 3 dimensions as well as drawings produced by hand are skills of great necessity in engineering fields and will be used throughout the course. Using the principles of orthographic drawing, pictorial drawing, and descriptive geometry, students will learn how to visualize, understand, and produce coherent graphics and designs. Central topics include; orthographic projections, graphical presentation of various surfaces, auxiliary and sectional views, dimensioning, and tolerances.

Transfer Credit: CSU

ENGR R160	Electronic Circuits and Devices	3 Units
Prerequisites:	PHYS R132 and MATH R143 or concurrent enrollment	
Hours:	3.0 lecture weekly	
C-ID:	Aligned with ENGR 260	

This course provides an introduction to the analysis of electrical circuits. The use of analytical techniques based on the application of circuit laws and network theorems is the main focus of the course. The analysis of DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches shall be employed. Natural and forced responses of first and second order RLC circuits, the use of phasors, AC power calculations, power transfer, and energy concepts are other general topics that are covered in this course.

Transfer Credit: CSU

ENGR R160L	Electronic Circuits and Devices Lab	1 Unit
Corequisite:	ENGR R160	
Hours:	3.0 lab weekly	
C-ID:	Aligned with ENGR 260L	

This course serves as an introduction to the construction, measurement, and design of elementary electrical circuits and basic operational amplifier circuits. Students gain familiarity with the basic use of electrical test and measurement instruments, including multimeters, oscilloscopes, power supplies, and function generators. Using principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions, students develop data interpretation skills by using circuit simulation software and by direct measurements of circuits. Practical considerations such as component value tolerance and non-ideal aspects of laboratory instruments are also introduced.

Field trips may be required.

Transfer Credit: CSU

ESL R095 College Reading Across the Curriculum 3 Units
 Advisory: ESL R085/ENGL R085
 Hours: 3.0 lecture weekly

This course emphasizes college-level reading materials across the curriculum with training in reading for major details, main ideas, drawing inferences, and conclusions; considering the nature of evidence and knowledge; and interpreting author's tone and purpose. The course includes advanced vocabulary training, rapid reading techniques with improved comprehension. Formal evaluation is used to individualize instruction. Other activities include a mini research project with instruction in documentation and study skills practice. This course is degree applicable. *Field trips may be required. Course is offered Pass/No Pass at Student's Option. Same as ENGL R095.*

ESL R108 ESL Academic Oral Communication 3 Units
 Advisory: ESL R048
 Hours: 3.0 lecture, 1.0 lab weekly

This course is designed to help advanced non-native speakers of English communicate well in academic, professional, and social settings through practice in basic principles of oral communication (with an emphasis on most effective use of voice and body). Students will engage in group discussion, public speeches, and oral reading. *Same as COMM R100. Field trips may be required. Course is offered Pass/No Pass at Student's Option. Transfer Credit: CSU*

ESRM R100L Introduction to Environmental Science Laboratory 1 Unit
 Prerequisite: ESRM R100 or concurrent enrollment
 Hours: 3.0 lab weekly

Explores environmental processes associated with society including energy production, waste management, and soil and water quality. The laboratory class is focused on using environmental sampling, monitoring and assessment devices, and equipment and analytical tools to detect and quantify environmental contaminants in air, water and soil, as well as to assess the overall quality of those basic environmental resources. This course emphasizes the scientific method, data collection, and the completion of a research-based oral presentation. *Field trips will be required. Transfer Credit: CSU*

MATH R055S Algebra Support for MATH R105 2 Units
 Corequisite: MATH R105
 Hours: 2.0 lecture weekly

This co-requisite support course is to be taken concurrently with Math R105, Introductory Statistics. Emphasis is placed on foundational skills which are necessary for a student to successfully complete Math R105. This course offers support for Introductory Statistic topics along with study skills development. *Couse is offered on a Pass/No Pass basis only.*

SPAN R119 Cultures of Latin America 3 Units
Advisory: SPAN R103 or SPAN R140
Hours: 3.0 lecture weekly

This course introduces students to various historical, social, and political aspects of Latin American cultures. This course is conducted entirely in Spanish. *Field trips may be required.*

Transfer Credit: CSU

New Non-Credit Courses

PG R820 Reaching Excellence in Academics and Challenges 3 hours
Hours: 3 hours lecture

This course will provide students the understanding of non-cognitive factors that contribute to the status of being placed on academic probation. Students will develop a strategic plan to overcome these issues through the utilization of emotional intelligence. Students will use skill building exercises, lecture and group discussion to identify barriers to their academic success as well as to overcome stress and negativity. Students will explore tools, techniques, and skills to perform their role and utilize effective problem solving skills with confidence.

This is a noncredit course, non-degree applicable.

PG R850 Emotional Intelligence 9 hours
Hours: 9 hours lecture

This course will provide students with the ability to deal effectively with their emotions and self-perceptions that are critical to their success and inspire high performance as students, employees, and in relationships with others. Students will (learn) the definition and the five key components of emotional intelligence through skill-building exercises, lectures, and group discussions. Students will have opportunities to identify their own strengths and challenges in maintaining positive environments and collaborative relationships along with strategies for overcoming stress and negativity. Students will explore tools, techniques, and skills to help them perform their role and manage their emotions with confidence and positive results.

This is a noncredit course, non-degree applicable.

Revised Courses

MATH R005 Beginning and Intermediate Algebra for Statistics 5 6 Units
and Liberal Arts
Hours: 5 6 lecture weekly

This is a course in algebra designed to meet the intermediate algebra competencies for an AA or AS degree and to expose students to concepts and applications faced in statistics and liberal arts.

Course is offered Pass/No Pass at Student's Option.

New Programs

Proficiency Award in Cybersecurity

An award recognizing proficiency in cybersecurity including vulnerability testing, penetration testing, attack toolkits, cybersecurity defense, cybersecurity offense, and writing reports summarizing vulnerabilities and how to mitigate weaknesses.

Required Courses		Units
CNIT R145	CompTIA Security+ IT Security & Certification Preparation	3
CNIT R172	CompTIA PenTest+	3
Total Required Units		6

Proficiency Award in USLA Lifeguard Academy I

This proficiency award recognizes the completion of the Oxnard College Lifeguard Academy I, a 90-hour introductory level course for aspiring emergency responders interested in career opportunities as Aquatic Rescuers either within lifeguard agencies or the fire service. This rigorous academy includes lecture and hands-on training in the ocean environment and follows the United States Lifesaving Association required course curriculum for Aquatic Rescue Response Teams and Open Water Lifeguard Certification. The course will include training in marine weather, aquatic hazards, communications, lifesaving rescue techniques, specialized equipment use, night rescues, medical aid, lifesaving history and aquatic agency career paths. To successfully complete the academy students must be athletically fit with strong swimming skills.

Required Course		Units
FT R090	USLA Lifeguard Academy I	3
Total Required Units		3

VENTURA COLLEGE

New Credit Courses

ACE V11	Automotive Vehicle Maintenance	3 units
ACE V12	Automotive Electrical Systems I	4 units
ACE V13	Automotive Engine Repair	4 units
ACE V21	Automotive Brake Systems	4 units
ACE V22	Automotive Steering & Suspension Systems	4 units
ACE V23	Automotive Electrical Systems II	4 units
ACE V31	Automotive Heating and Air Conditioning	4 units
ACE V32	Automotive Engine Management	4 units
ACE V33	Automotive Manual Transmissions and Transaxles	4 units
ACE V41	Automotive Automatic Transmissions and Transaxles	4 units
ACE V42	Automotive Engine Driveability	4 units
ART V58C	Figure Sculpture II	3 units
EDU V09	Dance and Music for Transitional Kindergarten through the Elementary Years	3 units
EDU V10	Developing Literacy in Diverse Classrooms	3 units
FILM V11	History of International Cinema: World War II to the Present	3 units
HIST V87	Introduction to the History of Science and Technology	3 units
MATH V03J	Just-In-Time Support for Intermediate Algebra	2 units
MATH V04J	Just-In-Time Support for College Algebra	2 units
MATH V40J	Just-In-Time Support for Math Topics	1 unit
MATH V44J	Just-In-Time Support for Elementary Statistics	2 units
PHIL V12	Introduction to Religion	3 units
PHIL V14	Confucianism and Taoism	3 units
PHIL V15	Teachings of Jesus in Comparative Literature	3 units
THA V15A	Beginning Directing	3 units
THA V15B	Intermediate Directing	3 units
THA V29B	History of Motion Pictures II	3 units

New Noncredit Course

ENGL N101	Language Arts: Writing Mechanics	0 units
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Revised Courses

ART V09B	Introduction of Modern and Contemporary Latin American Art	3 units
THA V29A	History of Motion Pictures <i>I</i>	3 units

TOP Code Changes

BIOL V95	Biology Internship 0401.00 Biology, General 4932.00 General Work Experience*
NS V85	Success Workshops for Nursing 1230.00 Nursing 1230.10 Registered Nursing
NS V90	Directed Studies in Nursing 1230.00 Nursing 1230.10 Registered Nursing
NS V95	Nursing Science Internship I 1230.00 Nursing 1230.10 Registered Nursing
NS V96	Nursing Science Internship II 1230.00 Nursing 1230.10 Registered Nursing
PHOT V02	Beginning Photography with Digital Techniques 1011.00 Photography 1012.00 Commercial Photography
PHOT V06B	Introduction to Color Photography II 1011.00 Photography 1012.00 Commercial Photography
PHOT V70A	Adobe Photoshop I for Digital and Fine Art 1011.00 Photography 0614.00 Digital Media
PHOT V70B	Adobe Photoshop II for Digital and Fine Art 1011.00 Photography 0614.00 Digital Media
PHOT V73A	Digital Imaging 1011.00 Photography 1030.00 Graphic Art and Design

SAM Code Changes

ART V12B	Drawing and Composition II	<i>Possible Non-Occupational</i>
ART V13C	Life Drawing III	<i>Advanced Non-Occupational</i>
ART V13D	Life Drawing IV	<i>Advanced Non-Occupational</i>
ART V15B	Life Painting II	<i>Possible Non-Occupational</i>
ART V15C	Life Painting III	<i>Possible Non-Occupational</i>
ART V16A	Beginning Oil Painting I	<i>Possible Non-Occupational</i>
ART V20B	Intermediate Oil Painting II	<i>Possible Non-Occupational</i>
ART V20C	Portfolio Development	<i>Possible Non-Occupational</i>
ART V46B	Beginning Acrylic Painting II	<i>Possible Non-Occupational</i>
ART V47B	Intermediate Acrylic Painting II	<i>Possible Non-Occupational</i>
ART V52B	Ceramic Design	<i>Possible Non-Occupational</i>
CD V02	Child Growth and Development	<i>Possible Non-Occupational</i>
CD V20	Curriculum and Strategies for Children with Special Needs	<i>Possible Occupational</i>
GEOG V90	Directed Studies in Geography	<i>Possible Non-Occupational</i>
HED V32	Principles of Food with Lab	<i>Non Occupational</i>

New Credit Courses

ACE V11 Automotive Vehicle Maintenance 3 units
C-ID: Aligned with AUTO 110X
Hours: 2 lecture, 4 laboratory weekly
This course is a prerequisite for all automotive coursework and prepares students for an entry level position as a maintenance technician. The course covers automotive industry structure, successful career building techniques, employee and employer responsibilities, shop safety procedures, tools and equipment, vehicle inspections, and basic maintenance, service, and repair procedures. Partial preparation for ASE (Automotive Service Excellence) G1 (Maintenance Technician Certification) is provided. The course also determines which automotive work experience path is best suited for each student and determines the most appropriately matched program cohort.
Field trips will be required.

ACE V12 Automotive Electrical Systems I 4 units
Prerequisite: ACE V11 or concurrent enrollment in ACE V11
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to service, inspect, and repair base electrical systems including battery, starting, charging, horn, lighting, wiper, power window, and other common electrical systems. Students will learn to use manufacturer approved scan tools, digital multimeters, digital storage oscilloscopes, and specialized electrical test equipment. Skills are assessed through written and skills competency performance exams with an emphasis on employability skills. Preparation for the ASE (Automotive Service Excellence) Electrical Systems (A6) certification test is included.
Field trips may be required.

ACE V13 Automotive Engine Repair 4 units
Prerequisite: ACE V11 or concurrent enrollment in ACE V11
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to diagnose, adjust, maintain, and repair automotive engines with emphasis on internal combustion engine inspection and repair procedures. Cylinder block, cylinder head, lubrication, and cooling system inspection and repair, and mechanical engine diagnosis are covered in detail. Students are individually assessed through written and skills competency performance exams with emphasis on employability skills. Students will learn to use manufacturer approved specialty engine service and diagnostic tools. Preparation for ASE (Automotive Service Excellence) certification (A1) is provided.
Field trips may be required.

New Credit Courses (continued)

ACE V21 Automotive Brake Systems 4 units
Prerequisite: ACE V11 or concurrent enrollment in ACE V11
C-ID: Aligned with AUTO 150 X
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to inspect, service, and repair automotive brake systems including disc and drum brake systems, hydraulic systems, power assist systems, and ABS/VSC (Anti-Lock Brake and Vehicle Stability Control) systems. Students will learn to use current manufacturer approved service and test equipment including on-car brake lathes, digital multimeters, digital storage oscilloscopes, and scan tools. Students are individually assessed through written and skills competency performance exams with emphasis on employability skills. Preparation for ASE (Automotive Service Excellence) certification (A5, Brakes) test is included.
Field trips may be required.

ACE V22 Automotive Steering & Suspension Systems 4 units
Prerequisite: ACE V11 or concurrent enrollment in ACE V11
C-ID: Aligned with AUTO 140 X
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to inspect, service, diagnose, and repair automotive steering and suspension systems. Hydraulic and electronic steering systems, front and rear suspension systems, tires and wheels/TPMS (Tire Pressure Monitor System), alignment, and NVH (Noise and Vehicle Harshness) diagnosis are covered in detail. Students will learn to use manufacturer approved steering and suspension service tools including 4-wheel alignment racks, strut compressors, hydraulic presses, and a variety of diagnostic test equipment. Skills are assessed through individual written and skills competency performance exams with an emphasis on employability skills. Preparation for ASE (Automotive Service Excellence) A4 (Suspensions & Steering) certification test is provided.
Field trips may be required.

ACE V23 Automotive Electrical Systems II 4 units
Prerequisite: ACE V12
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to diagnose automotive electronic systems including airbag systems, radio frequency systems, infotainment systems, vision technologies, driver / passenger comfort systems, network communications and other electronic technologies. Students are individually assessed through written and skills competency performance exams with an emphasis on employability skills. This course provides expanded coverage of the ASE (Automotive Service Excellence) A6 (Electrical) Certification test.
Field will be required.

New Credit Courses (continued)

ACE V31 Automotive Heating and Air Conditioning 4 units

Prerequisite:

ACE V12

C-ID:

Aligned with AUTO 170 X

Hours:

2 lecture, 6 laboratory weekly

This course provides technical preparation in the skills required to inspect, service, diagnose, and repair automotive heating, ventilation, and air conditioning systems. Students will learn to use current industry standard tools including AC (air conditioning) refrigerant identifiers, refrigerant recovery, handling, and recharging equipment, pressure gauges, leak detection equipment, and more. ASE (Automotive Service Excellence) Certification test preparation is provided for A7 (Heating & Air Conditioning) and MVAC (Motor vehicle air conditioning) Certification to meet EPA (Environmental Protection Agency) 609 requirements. Skills are assessed through individual written and skills competency performance exams with an emphasis on employability skills.

Field trips may be required.

ACE V32 Automotive Engine Management 4 units

Prerequisite:

ACE V12 and ACE V13

Hours:

2 lecture, 6 laboratory weekly

This course provides technical preparation in the skills required to service and repair base engine control management systems including input sensors, ignition systems, fuel systems, intake, and exhaust systems. Students will learn to use manufacturer approved scan tools, lab scopes, digital Multimeters, and other current industry test equipment. Skills are assessed through individual written and skills competency performance exams with an emphasis on employability skills. Preparation for ASE (Automotive Service Excellence) A8 (Engine Performance) and L1 (Advanced Engine Performance) are provided between Engine Management and Engine Driveability.

Field trips may be required.

ACE V33 Automotive Manual Transmissions and Transaxles 4 units

Prerequisite:

ACE V11

C-ID:

Aligned with AUTO 130 X

Hours:

2 lecture, 6 laboratory weekly

This course provides technical preparation in the skills required to service, diagnosis, and repair manual transmissions and transaxles, Four-wheel drive and All-wheel drive systems, differentials and drivelines. Students will learn to use current industry standard tools including manufacturer approved scan tools, digital multimeters, hydraulic press equipment, and other manual transmission specialty tools and equipment. Skills are assessed through individual written and skills competency performance exams with an emphasis on employability skills. Preparation for the Automotive Service Excellence (ASE) A3 (Manual Transmission and Drivelines) exam is included.

Field trips may be required.

New Credit Courses (continued)

ACE V41 Automotive Automatic Transmissions & Transaxles 4 units
Prerequisite: ACE V12
C-ID: Aligned with AUTO 120 X
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to inspect, service, and repair automatic transmissions and transaxles. Off-vehicle and on-vehicle inspection, service and repair procedures are performed on FWD and RWD (Four-Wheel Drive and Rear-Wheel Drive) transmissions, along with mechanical and electrical diagnosis. Students will learn to use current industry standard tools including manufacturer approved scan tools, digital multimeters, digital storage oscilloscopes, and specialty transmission tools. Skills are assessed through written and skills competency performance exams with an emphasis on employability skills. Preparation for the ASE (Automotive Service Excellence) Automatic Transmission/Transaxle technician certification test (A2) is provided.
Field trips may be required.

ACE V42 Automotive Engine Driveability 4 units
Prerequisite: ACE V32
Hours: 2 lecture, 6 laboratory weekly
This course provides technical preparation in the skills required to diagnose engine control systems with specific emphasis on OBD II (on-board diagnostics 2nd generation), misfire and fuel, emissions, variable valve timing, electronic throttle control, engine control module diagnosis, and no-start driveability diagnosis. Students will learn to use current industry standard tools including manufacturer approved scan tools, digital multimeters, digital storage oscilloscopes, 5-Gas analyzers. Skills are assessed through written and skills competency performance exams with an emphasis on employability skills. Preparation for ASE (Automotive Service Excellence) A8 (Engine Performance) and L1 (Advanced Engine Performance) certification tests are provided between Engine Performance I and Engine Performance II.
Field trips may be required.

ART V58C Figure Sculpture III 3 units
Prerequisite: ART V58B
Hours: 1 lecture, 6 laboratory weekly
This course expands technical and conceptual skills in the sculpting of the human figure from live models; materials include clay, wire, and mixed media. Continues studies of structure, proportion, and balance. Emphasizes the expansion of scale and self-expressive approaches to sculpting the human form.
Field trips may be required. Transfer credit: CSU; UC.

New Credit Courses (continued)

EDU V09 Dance and Music for Transitional Kindergarten through the 3 units
Elementary Years

Recommended CD V02 and CD V03; and/or EDU V03

Preparation:

Hours: 3 lecture weekly

This course prepares educators of transitional kindergarten (TK) through the elementary school years to identify, understand, and analyze elements of music and dance and to teach these concepts through age appropriate, active learning processes. Foundational concepts will be infused with historical, cultural, and global perspectives as they relate to the development of primary knowledge, skills and appreciation for dance and music.

Field trips may be required, Transfer credit: CSU.

EDU V10 Developing Literacy in Diverse Classrooms 3 units

Recommended CD V02, and EDU V03, and CD V63, and ENGL V01A

Preparation:

Hours: 3 lecture weekly

This course provides an understanding of learning and teaching literacy in a diverse, technologically complex society from Transitional Kindergarten (TK) through Elementary school. It focuses on providing students with knowledge of a comprehensive balanced literacy approach. The course provides students with an understanding and use of the major descriptors of developing literacy, appropriate assessment methods and instruments, and a developmental and analytical appreciation for writing strategies, conventions, applications, and interpretation of texts and genres.

Field trips may be required. Transfer credit CSU; UC.

FILM V11 History of International Cinema: World War II to the Present 3 units

Recommended FILM V01

Preparation:

Hours: 3 lecture weekly

This course surveys international cinema from the end of World War II to the present. It investigates the medium's technical, aesthetic, and theoretical developments through the examination of narrative, documentary and experimental film. The course focuses on the historical, cultural, industrial and economic influences that contributed to the international art form.

Field trips will be required, Transfer Credit: CSU; UC.

New Credit Courses (continued)

HIST V87 Introduction to the History of Science and Technology 3 units
Hours: 3 lecture weekly

This course surveys the history of science and technology in a global perspective. It focuses on global large-scale historical changes over long timespans. The course gives a deeper understanding of the history, and historic implications of science, technology and engineering for societies and cultures.

Transfer credit: CSU; UC.

MATH V03J Just-in-Time Support for Intermediate Algebra 2 units
Corequisite: MATH V03
Hours: 2 lecture weekly

A review of the core prerequisite skills, competencies, and concepts for intermediate algebra. Intended for students who are concurrently enrolled in MATH V03, Intermediate Algebra. Just-in-time support topics include: learning skills, computational skills developed in pre-algebra and elementary algebra, the vocabulary of algebra, translation from English to algebra, and evaluation of literal expressions and functions.

Not applicable for degree credit.

MATH V04J Just-in-Time Support for College Algebra 2 units
Corequisite: MATH V04
Hours: 2 lecture weekly

A review of the core prerequisite skills, competencies, and concepts for college algebra. Intended for students who are concurrently enrolled in MATH V04, college algebra. Just-in-time support topics include: learning skills, computational skills developed in intermediate algebra, the vocabulary of algebra, translation from English to algebra, and evaluation of literal expressions and functions.

Not applicable for degree credit.

MATH V40J Just-in-Time Support for Math Topics 1 unit
Corequisite: MATH V40
Hours: 1 lecture weekly

A review of the core prerequisite skills, competencies, and concepts from intermediate algebra for Math Topics. Intended for students who are concurrently enrolled in MATH V40. Just-in-time support topics include: learning skills, computational skills developed in intermediate algebra, the vocabulary of algebra, translation from English to algebra, and evaluation of literal expressions and functions.

Not applicable for degree credit.

New Credit Courses (continued)

MATH V44J Just-in-Time Support for Elementary Statistics 2 units
Corequisite: MATH V44
Hours: 2 lecture weekly

This course provides just-in-time support and review for transfer-level Statistics. Math V44J is intended for students who are concurrently enrolled in Math V44. Topics include learning skills and just-in-time support for concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Recommended for students with little or no recent knowledge of algebra.

Not applicable for degree credit.

PHIL V12 Introduction to Religion 3 units
Hours: 3 lecture weekly

This course is an introductory study of religion with emphasis on the origins and functions of religion, religious experience, and religious and theological modes of expression. Course content will be drawn from Eastern and Western traditions, ancient, medieval and modern times.

Transfer credit: CSU; UC.

PHIL V14 Confucianism and Taoism 3 units
Hours: 3 lecture weekly

An introduction to the history and cultural context of Confucianism, Taoism and Ch'an (Zen) Buddhism in China and Japan. Focus on Confucius and Mencius, neo-Confucianism of Chu Hsi (Zhu Xi), Taoist masters Lao Tzu and Chuang Tzu, and their influence on Ch'an (Zen) Buddhism. Emphasis will be given to original texts in translations.

Transfer credit: CSU; UC.

PHIL V15 Teachings of Jesus in Comparative Perspective 3 units
Hours: 3 lecture weekly

This introductory course is a study of key images and interpretations of the life and teachings of Jesus, and analysis of the sources from which these are reconstructed, in biblical tradition, historical, cultural, theological, philosophical, artistic, comparative, and contemporary perspectives.

Transfer credit: CSU; UC.

THA V15A Beginning Directing 3 units
Prerequisite: THA V02B, and THA V14
Hours: 2 lecture, 4 laboratory weekly

This course explores the basic elements of stage direction through lecture, demonstration, and exercise. Beginning with analysis and interpretation to create the director's vision, topics include fundamental techniques in working with actors and production personnel, casting, scheduling, blocking, pace, timing, and coordination of technical elements.

Field trips may be required, Transfer credit: CSU; UC.

Revised Courses

ART V09**B** Introduction to Modern and Contemporary Latin American Art 3 units

Hours: 3 lecture weekly

This course is a survey of mainstream modern and contemporary developments in painting, sculpture, crafts and architecture of selected Latin American countries, including both modernist and postmodernist forms, with particular emphasis on a Latin American identity through works of art as a form of cultural, and social expression.

Field trips may be required. Formerly ART V09. Transfer credit: CSU; UC.

THA V29**A** History of Motion Pictures I 3 units

Hours: 3 lecture weekly

*This course provides a historical and critical survey of motion pictures ~~with an emphasis on the contributions of early and modern filmmakers~~ **from its origins in the 19th century through its development up to and including the World War II era. It will analyze a variety of national and international films from the beginning of the cinema until the end of the World War II era. The elements of film making to be considered will be their aesthetic form, economic structures, technological developments, and as social and cultural movements.***

***Significant filmmakers in these eras will be studied for the contributions** to the filmmaking process. Lectures, illustrated by screened examples of films, examine ~~filmmaking back to film making from its very beginnings in the nineteenth century.~~*

Field trips may be required. Formerly THA V29. Transfer credit: CSU; UC.

TOP Code changes

BIOL V95 Biology Internship I 1-4 units
Corequisite: Enrolled in a minimum of 7 units to include internship
Recommended Completion of or concurrent enrollment in one course in the discipline
Preparation:
Total Hours 60 to 240

This course offers students who are volunteers (unpaid) an opportunity to obtain work experience related to their field of study. Students are accepted as a result of consultation with a designate faculty member in the discipline and the acceptance of an approved work proposal. *Field trips will be required. Offered on a pass/no pass basis only. Transfer Credit: CSU; UC.*
Note: TOP code changed from 0401.00 Biology, General to 4932.00 General Work Experience*
Note: UC no longer granting credit for Internship Courses

NS V85 Success Workshops for Nursing 0.5 units
Hours: 0.5 lecture weekly

This workshop is designed to assist students in learning and/or sharpening study and motivational strategies necessary for success in the nursing program. Strategies include: test-taking, selecting important ideas from texts and lecture, time and stress management, study skills, note-making, concept mapping and critical thinking.
Offered on a pass/no pass basis only. Not applicable for degree credit.
Note: TOP code change: ~~4230.00 Nursing~~ **1230.10 Registered Nursing**

NS V90 Directed Studies in Nursing 1-6 units
Prerequisite: Varies with topic
Hours: ~~54~~ **52.5** to ~~324~~ **315**

This course offers specialized study opportunities for students who wish to pursue projects not included in the regular curriculum. Students are accepted only by a written project proposal approved by the discipline prior to enrollment.
Field trips may be required. Formerly NS 90. Transfer credit: CSU
Note: TOP code change: ~~4230.00 Nursing~~ **1230.10 Registered Nursing**

TOP Code changes (continued)

NS V95 Nursing Science Internship I 1-4 units
Prerequisite: NS V10
Corequisite: enrolled in a minimum of 7 units to include internship
Enrollment Current CPR certification for health care provider or professional
Limitations: rescuer **from the American Heart Association (Health Care Provider) or American Red Cross (Basic Life Support for Health Care Providers)**; current malpractice insurance; meet all clinical faculty requirements; no visible tattoos or visible body piercings except single studs in ear lobes; no acrylic or long nails in clinical settings; and, approval by ADN director
Hours: 60 to 240
In this course, students who are volunteers (unpaid) are assigned to care for clients in a clinical setting under the supervision of a registered nurse mentor or preceptor. Students will have the opportunity to enhance clinical skills, organizational skills, time management and prioritization as they perform previously learned skills agreed upon between instructor and student. Individualized nursing care planning will be enhanced using ~~Orem's Self-Care Deficit Theory of Nursing~~ and the nursing process.
Field trips will be required. Formerly NS 95. Offered on a pass/no pass basis only. Transfer credit: CSU.
Note: TOP code change: ~~4230.00 Nursing~~ **1230.10 Registered Nursing**
Note: SAM code change: ~~Possible~~ **Advanced** Occupational

NS V96 Nursing Science Internship II 1-4 units
Prerequisite: NS V10
Corequisite: enrolled in a minimum of 7 units to include internship
Enrollment Current CPR certification for health care provider or professional
Limitations: rescuer **from the American Heart Association (Health Care Provider) or American Red Cross (Basic Life Support for Health Care Providers)**; current malpractice insurance; meet all clinical faculty requirements; no visible tattoos or visible body piercings except single studs in ear lobes; no acrylic or long nails in clinical settings; and, approval by ADN director
Hours: 75 to 300
In this course, students who are employed (**paid**) are assigned to care for clients in a clinical setting under the supervision of a registered nurse mentor or preceptor. Students will have the opportunity to enhance clinical skills, organizational skills, time management and prioritization as they perform previously learned skills agreed upon between instructor and student. Individualized nursing care planning will be enhanced using ~~Orem's Self-Care Deficit Theory of Nursing~~ and the nursing process.
Field trips will be required. Offered on a pass/no pass basis only. Transfer credit: CSU.
Note: TOP code change: ~~4230.00 Nursing~~ **1230.10 Registered Nursing**
Note: SAM code change: ~~Possible~~ **Advanced** Occupational

TOP Code changes (continued)

PHOT V02 Beginning Photography with Digital Techniques 3 units

C-ID: Aligned with ARTS 260

Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly

This course provides a fast-paced introduction to photography, using 35mm analog or digital cameras. No prior knowledge of the operation of the camera, computer, or support systems operation is required. Topics include: operation of the camera; artistic compositions, **including an understanding of the elements of art and principles of design**; computer operation; scanning techniques; file compression and formatting; use of related software (i.e., Adobe Photoshop) and printing techniques. New innovations in photography and digital technology will be presented as they are developed.

Field trips may be required. Transfer credit: CSU; UC. Credit limitations – see counselor.

*Note: TOP Code Change: ~~4044.00 Photography~~ **1012.00 Commercial Photography***

*Note: SAM Code Change: ~~Clearly~~ **Possible** Occupational*

PHOT V06B Introduction to Color Photography II 3 units

Prerequisite: PHOT V06A

Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly

This course provides continuing instruction and experience in color photography and color laboratory techniques. Emphasis will be placed on the artistic merit of color photography and portfolio development.

Field trips may be required. Formerly Photo 6B. Transfer credit CSU; UC.

*Note: TOP code change: ~~4044.00 Photography~~ **1012.00 Commercial Photography***

PHOT V70A Adobe Photoshop I for ~~Digital and Fine Art~~ 3 units

Recommended ART V11A, and/or ART V12 A; and computer fundamentals

Preparation:

Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly

This course is designed for students who desire hands-on experience in industry-standard digital image processing software. The image correction and manipulation software gives students an understanding of the tools and techniques needed to produce professional quality results for print and Web images. Students will complete technical tutorials, create a CD-ROM cover, Web banners, and a final print or Web project.

Field trips may be required. Formerly MM V74A. Same as ART V70A, Transfer credit: CSU.

*Note: TOP Code Change: ~~4044.00 Photography~~ **0614.00 Digital Media***

SAM Code changes

ART V12B Drawing And Composition II 3 units
Prerequisite: ART V12A
C-ID: ARTS 205
Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly
This course is an intermediate drawing experience stressing representation of visual forms through a variety of media and techniques. Particular emphasis will be given to structure and pictorial composition.
Field trips may be required. Formerly Art 12B. Transfer credit: CSU; UC.
*Note: SAM Code change: ~~Possible~~ **Non-Occupational***

ART V13C Life Drawing III 3 units
Prerequisite: ART V13B
Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly
This course provides advanced instruction in drawing the human figure from the live model. Emphasis will be on theory and practice in the uses of linear and tonal form. Exercises will include structure; proportion; foreshortening; composition; introduction to exaggeration and alteration of form, with emphasis on compositional arrangement; and exploration of complex media. Ventura College faculty has defined Life Drawing as a family of courses which includes ART V13A, ART V13B, ART V13C, and ART V13D. A student may take a maximum of four (4) courses from a family.
Field trips may be required. Formerly Art 13B. Transfer credit: CSU; UC.
*Note: SAM Code change: ~~Advanced~~ **Non-Occupational***

ART V13D Life Drawing IV 3 units
Prerequisite: ART V13C
Hours: ~~2~~ **1** lecture, ~~4~~ **6** laboratory weekly
This course provides advanced instruction in drawing the human figure from the live model. Emphasis will be on demonstrating the figure's allegorical and symbolic potential, as well as the most advanced level of human anatomy and proportion. Course exercises will cover advanced surface musculature and skeletal anatomy, but will also develop students' repertoire of non-traditional and mixed medias. Students will produce large-scale drawings, sequential drawings, and colored drawings. Ventura College faculty has defined Life Drawing as a family of courses which includes ART V13A, ART V13B, ART V13C, and ART V13D. A student may take a maximum of four (4) courses from a family.
Field trips may be required. Transfer credit: CSU; UC.
*Note: SAM Code change: ~~Advanced~~ **Non-Occupational***

SAM Code changes (continued)

CD V02 Child Growth and Development 3 units
Recommended ENGL V01A
Preparation:
C-ID: CDEV 100
Hours: 3 lecture weekly
This course examines the major **physical, cognitive, social and emotional** developmental milestones of children, both typical and atypical, **for children** from conception through adolescence. ~~Physical, psychosocial, and cognitive development are studied, with an~~ **There is** emphasis on the interactions between maturational processes and environmental factors including language, culture, and diversity. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages ~~while studying developmental theory and investigative research methodologies~~ **according to developmental theories.**
*Field trips may be required. Transfer credit: CSU; UC. Credit limitations – see counselor.
Note: SAM Code change: Possible Non-Occupational*

CD V20 Curriculum and Strategies for Children with Special Needs 3 units
Recommended CD V02
Preparation:
Hours: 3 lecture weekly
This course covers curriculum and intervention strategies for working with children with special needs in partnership with their families. It focuses on the use of observation and assessment in meeting the individual needs of children in inclusive and natural environments. Included is the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.
*Field trips **may be** required, Transfer credit: CSU.
Note: SAM Code change: Possible Occupational*

GEOG V90 Directed Studies in Geography 1-6 units
Prerequisite: Varies with topic
Hours: ~~54~~ **52.5 to 324** **315**
This course offers specialized study opportunities for students who wish to pursue projects not included in the regular curriculum. Students are accepted only by a written project proposal approved by the discipline prior to enrollment.
*Field trips may be required. Formerly Geog 90. Transfer credit: CSU
Note: SAM Code change: Possible Non-Occupational*

SAM Code changes (continued)

HED V32 Principles of Food with Lab 3 units
C-ID: NUTR 120
Hours: 2 lecture, 3 laboratory weekly
This is an introductory course covering the principles of nutrition and food preparation. Topics include food science principles, terminology, weights and measures, food techniques, ingredient functions and interactions, sanitation, safety, equipment, storage standards, menu planning, nutrient composition, and retention.
Field trips may be required. Transfer credit: CSU.
Note: SAM Code change: ~~Non~~ Occupational

END