I. APPROVAL OF MINUTES

February 19, 2013

II. CONSENT AGENDA (CLOS previously withdrawn for revisions and recent Curriculum approved courses from the February 19, 2013 Meeting)

Previously Withdrawn/Newly Revised and Resubmitted CLOs from OAW:

CHEM - 112: Organic Chemistry 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Draw the perspective formula and name, complete with the proper R, S designations, the product of a reaction which results in 2 asymmetric centers.
2. Devise a synthesis of an organic compound requiring three or more steps.
3. Determine the molecular structure of an organic compound from NMR, IR and/or MASS spectral data.

CHEM - 113: Organic Chemistry 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Describe the mechanism of an electrophilic aromatic substitution reaction and/or a nucleophilic acyl addition or substitution reaction, using appropriate curved arrows to show movement of electrons.
2. Devise a three (or more) step synthesis, starting with benzene, of an aromatic organic compound containing two substituents, one of which is a carbonyl group, followed by chemical modification of either or both substituent(s).
3. Identify an unknown compound containing a benzene ring and a carbonyl group based on NMR, IR and/or MASS spectral data of the compound.
4. Describe a compound in a written report containing a narrative of pertinent information, a table listing its physical properties, and a structure drawn in a chemical drawing program and imported to a Microsoft Word file.

Curriculum approved currently active and adopted courses (Approved at the February 19, 2013 meeting):

CMPGR - 266: Interactive Media Design and Development
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Define key terms and formats relating to interactive media and online delivery
2. Identify current trends and best practices relating to interactive media and online delivery.
3. Use a variety of software programs to effectively use digital images, text and timeline based animation.
4. Plan, create and publish an online interactive media project.

ENGL - 101: Composition and Reading
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Select credible sources; Write papers that demonstrate competent control over written language, academic form, style, and tone.
2. Read and think critically.
3. Legitimately use scholarly sources by A) summarizing, paraphrasing, quoting, and documenting according to MLA conventions, B) integrating source ideas with their own ideas, and C) avoiding plagiarism.

ENGL - 102: Advanced Composition & Introduction to Literature
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Apply close reading skills to their analysis of fiction, poetry, and plays.
2. Discuss and debate literary works using critical thinking skills gained in class.
3. Summarize and paraphrase secondary sources and explain their relevance to assigned literary Works.
4. Write essays that demonstrate the use of quote analysis and persuasive forms of writing, correct MLA formatting and documentation style, mastery over written language--including syntax, punctuation, grammar, spelling--and show evidence of drafting, revising, and editing to reflect an academic style and tone.
5. Reference primary and secondary works in literary analyses in ways that demonstrates an understanding of literature as a window onto history, society, humanity, and self.

ENGL - 103: Advanced Composition & Critical Thinking
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Analyze and evaluate the major parts of an argument, such as claim, support, and
Counterargument.
2. Establish and defend an argumentative thesis in essays that
   a. demonstrate advanced, argumentative forms of writing.
   b. demonstrate advanced control over written language, including syntax, punctuation, grammar, and spelling; and
   c. demonstrate avoidance of common logical fallacies.

**ENGL - 131: Introduction to World Literature 1**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of world literature from its beginnings to mid seventeenth century.
2. Describe the genres, periods, and themes relevant to the study of world literature, as well as their literary traditions, from its beginnings to the mid seventeenth century.
3. Analyze and explain the literary, historical, political, aesthetic, social, philosophical, and cultural significance of world literature from its beginnings to mid seventeenth century.

**ENGL - 132: Introduction to World Literature 2 (1500 to Present)**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of world literature from 1500 to the present.
2. Describe genres, periods, and themes relevant to the study of world literature from 1500 to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of world literature from 1500 to the present.

**ENGL - 135: Survey of American Literature to 1850**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of early American literature.
2. Describe genres, periods, and themes relevant to the study of early American literature.
3. Analyze and explain the literary, historical, and cultural significance of important works of early American literature.
ENGL - 136: Survey of American Literature: 1850 to the Present
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of American literature from 1850 to the present.
2. Describe genres, periods, and themes relevant to the study of American literature from 1850 to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of American literature from 1850 to the present.

ENGL - 137: Survey of English Literature to the late 18th Century
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate the ability to identify and define literary techniques relevant to the study of British literature from its beginnings to the late 18th century.
2. Demonstrate the ability to describe genres, periods, and themes relevant to the study of British literature from its beginnings to the late 18th century.
3. Demonstrate the ability to analyze and explain the literary, historical, and cultural significance of important works of British literature from its beginnings to the late 18th century.

ENGL - 138: Survey of English Literature: Late Eighteenth Century to Present
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of English literature from 1700 to the present.
2. Describe genres, periods, and themes relevant to the study of English literature from 1700 to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of English literature from 1700 to the present.

ESL - 31: Vocabulary Power 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Recognize and utilize new vocabulary words in writing, reading, speaking, and listening contexts.
2. Use context clues to determine the meaning of words.
3. Use various recognition strategies at the word level (word forms, prefixes, suffixes, word associations, etc) to determine the meaning of words.

**FREN - 51: Introductory French 1**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Respond appropriately to elementary, survival-level conversations within daily life situations, travel, and occupational contexts.
2. Read simple texts in the target language (simplified as well as authentic).
3. Write simple notes and correspondence in the target language.

**FREN - 102: French 2**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Conduct conversations in French with some fluency and accuracy, demonstrating listening comprehension skills and knowledge of grammatical concepts and vocabulary at the high beginner level and as shown by written, oral, and aural exams.
2. Read and discuss texts in French (simplified as well as authentic).
3. Read descriptive paragraphs and correspondence in form of personal letters.

**MUSA - 124: Applied Piano**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Perform complete musical works of advanced level from the standard piano literature by memory, including pieces from all stylistic periods: Baroque, Classical, Romantic, 20th-century and Contemporary.
2. Demonstrate at the piano mastery of musical performance concepts: steady pulse, rhythm, sound, articulation, phrasing and balance.
3. Translate musical notation at sight from a score into playing, hands together, counting out loud.
4. Play all diatonic scales and arpeggios, hands separately and together, 4 to 6 octaves in range, fast tempo.

**MUST - 134: Aural Skills 4**

Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Hear music with understanding, recognizing patterns and musical function.
2. Sight-read and perform rhythms featuring irregular beat divisions and polyrhythms in asymmetrical or mixed meters.
3. Sing melodies containing chromaticism, modulation to distantly-related keys, and post-tonal elements with correct intonation and correct rhythm.

PE - 124: Introduction to Kinesiology
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Distinguish the integrative nature of the field of Kinesiology.
2. Evaluate the discipline of kinesiology, its foundation, movement principles, and career opportunities.
3. Assess historical, philosophical, and pedagogical principles of human movement.

THETR - 133: Rehearsal and Performance 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Recognize and follow basic stage directions.
2. Analyze a character using a playscript and secondary sources.
3. Participate in vocal and physical warm-up activities for both rehearsal and performance activities.
4. Demonstrate introductory acting performance skills on stage before a live audience.

THETR - 134: Rehearsal and Performance 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Apply intermediate skills and methods to performing a role on stage.
2. Create and dramatize the behavioral life of a character in rehearsal and performance.
3. Evaluate and analyze a script for rehearsal and performance.
Recognize and demonstrate the collaborative responsibilities with the director and designers in rehearsal and in performance.

III. NEW BUSINESS: (CLOS from Assessment Chair Approval Stream)
ADJU - 210: Communications in Criminal Justice
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Create effective police reports.
2. Recognize the importance of the police report.
3. Explain the need for the various reports prepared by law enforcement.

**AGGE - 146: Agriculture, Environment and Society**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Analyze the relationship between agriculture and society and the subsequent impact of that society’s agriculture on the environment.
2. Plan and conduct a qualitative interview of someone involved with, or affected by, an agriculture-related issue.
3. Plan and conduct a qualitative interview of someone involved with, or affected by, an agriculture-related, current societal issue, crisis, and/or triumph directly related to mankind’s use of agriculture and its corresponding impact on the environment.
4. Identify the impacts of urbanization on California’s central valley agriculture and rural society and compare and contrast the opposing stakeholder viewpoints.

**ART - 172: Intermediate Photography**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate intermediate to advanced skills of fine art photography including camera and meter operation, film development, film scanning, black and white wet-lab printing, and presentation.
2. Demonstrate skills of seeing beyond the obvious, of visual articulation of ideas using photography, and or inquiry into oneself and the world.

**EHS - 215: Landscape Design**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Create and present original landscape designs designed to apply the design process to solving real-life landscape design problems.

**ENSCI - 108: Environmental Conservation**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate, or investigate an environmental conservation practice.
2. Evaluate their lifestyle in terms of meeting the tenets for creating a sustainable future.
3. Debate the viability of choosing a future primary power source for the United States.
4. Research and present one of the six major ecosystems of the Central Valley, including: an overview of the climate; a catalog of native plants and animals; a description of primary food chains/food web; and a map identifying the placement of the habitat within the Central Valley.

HIST - 129: History of California
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate factual knowledge of key political, economic, social and cultural events and issues in the history of California.
2. Apply critical thinking (including causal analysis and skeptical inquiry) to historical concepts and developments in history.
3. Evaluate, analyze and interpret primary and secondary historical sources and make historical arguments based on these sources.

NR - 200: Soils
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. determine and analyze how one would use the findings of the following to manage the soils they live on or work on: textures (two methods), use of texture triangle, bulk density, particle density, pore space, organic content, color, pH, structure, conductivity, and reactivity.
2. Discuss local soil quality as it affects human and natural activities.

PEC - 128: Aerobics
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Evaluate and understand basic fitness and aerobic terminology.
2. Identify and participate in a continuous basic aerobic workout using proper mechanics of movement.

PEC - 170: Advanced Swimming
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Evaluate the advanced skills in the areas of endurance swimming, workout structure, and technical improvement for each of the strokes.
2. Identify and demonstrate the four basic swim strokes and front dive and flip turn.

PEC - 190: Advanced Water Polo
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Acquire the knowledge of advanced skills, and strategies for successful participation in water polo.
2. Evaluate the offense time management strategies during a game situation.

IV. DISCUSSION ITEMS

1. 5 Year Assessment Cycle Scheduling: Update

2. PLO Assessment Pilot Planning
Members Present: J. Todd, B. Sanders, B. Hunt, A. Herrera, L. Dorn, N. Gopal


Others Present: Heather Townsend (Administrative Secretary for the Academic Senate)

I. APPROVAL OF MINUTES

The minutes of February 19, 2013 were approved without objection.

M/S/C (A. Herrera, N. Gopal) to approve the minutes of February 19, 2013

II. CONSENT AGENDA (CLOS previously withdrawn for revisions and recent Curriculum approved courses from the February 19, 2013 Meeting)

Previously Withdrawn/Newly Revised and Resubmitted CLOs from OAW:

CHEM - 112: Organic Chemistry 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Draw the perspective formula and name, complete with the proper R-S designations, the product of a reaction which results in 2 asymmetric centers.
2. Devise a synthesis of an organic compound requiring three or more steps.
3. Determine the molecular structure of an organic compound from NMR, IR and/or MASS spectral data.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for Chem 112

CHEM - 113: Organic Chemistry 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Describe the mechanism of an electrophilic aromatic substitution reaction and/or a nucleophilic acyl addition or substitution reaction, using appropriate curved arrows to show movement of electrons.
2. Devise a three (or more) step synthesis, starting with benzene, of an aromatic organic
compound containing two substituents, one of which is a carbonyl group, followed by chemical modification of either or both substituent(s).
3. Identify an unknown compound containing a benzene ring and a carbonyl group based on NMR, IR and/or MASS spectral data of the compound.
4. Describe a compound in a written report containing a narrative of pertinent information, a table listing its physical properties, and a structure drawn in a chemical drawing program and imported to a Microsoft Word file.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for Chem 113

Curriculum approved currently active and adopted courses (Approved at the February 19, 2013 meeting):

CMPGR - 266: Interactive Media Design and Development
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Define key terms and formats relating to interactive media and online delivery
2. Identify current trends and best practices relating to interactive media and online delivery.
3. Use a variety of software programs to effectively use digital images, text and timeline based animation.
4. Plan, create and publish an online interactive media project.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for CMPGR 266

ENGL - 101: Composition and Reading
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Select credible sources; Write papers that demonstrate competent control over written language, academic form, style, and tone.
3. Read and think critically.
4. Legitimately use scholarly sources by A) summarizing, paraphrasing, quoting, and documenting according to MLA conventions, B) integrating source ideas with their own ideas, and C) avoiding plagiarism.

Pulled from the agenda by J. Todd. N. Gopal will contact the author to verify if the CLOs are accurate.
ENGL - 102: Advanced Composition & Introduction to Literature
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Apply close reading skills to their analysis of fiction, poetry, and plays.
2. Discuss and debate literary works using critical thinking skills gained in class.
3. Summarize and paraphrase secondary sources and explain their relevance to assigned literary Works.
4. Write essays that demonstrate the use of quote analysis and persuasive forms of writing, correct MLA formatting and documentation style, mastery over written language--including syntax, punctuation, grammar, spelling--and show evidence of drafting, revising, and editing to reflect an academic style and tone.
5. Reference primary and secondary works in literary analyses in ways that demonstrates an understanding of literature as a window onto history, society, humanity, and self.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 102

ENGL - 103: Advanced Composition & Critical Thinking
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Analyze and evaluate the major parts of an argument, such as claim, support, and Counterargument.
2. Establish and defend an argumentative thesis in essays that
   a. demonstrate advanced, argumentative forms of writing.
   b. demonstrate advanced control over written language, including syntax, punctuation, grammar, and spelling; and
   c. demonstrate avoidance of common logical fallacies.

Pulled from the agenda by J. Todd. N. Gopal will contact the author to discuss a possible revision of the CLOs

ENGL - 131: Introduction to World Literature 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of world literature from its
beginnings to mid seventeenth century.
2. Describe the genres, periods, and themes relevant to the study of world literature, as well as their literary traditions, from its beginnings to the mid seventeenth century.
3. Analyze and explain the literary, historical, political, aesthetic, social, philosophical, and cultural significance of world literature from its beginnings to mid seventeenth century.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 131**

**ENGL - 132: Introduction to World Literature 2 (1500 to Present)**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of world literature from 1500 to the present.
2. Describe genres, periods, and themes relevant to the study of world literature from 1500 to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of world literature from 1500 to the present.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 132**

**ENGL - 135: Survey of American Literature to 1850**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of early American literature.
2. Describe genres, periods, and themes relevant to the study of early American literature.
3. Analyze and explain the literary, historical, and cultural significance of important works of early American literature.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 135**

**ENGL - 136: Survey of American Literature: 1850 to the Present**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of American literature from 1850 to the present.
2. Describe genres, periods, and themes relevant to the study of American literature from 1850 to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of American literature from 1850 to the present.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 136

ENGL - 137: Survey of English Literature to the late 18th Century
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of British literature from its beginnings to the late 18th century.
2. Describe genres, periods, and themes relevant to the study of British literature from its beginnings to the late 18th century.
3. Analyze and explain the literary, historical, and cultural significance of important works of British literature from its beginnings to the late 18th century.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 137

ENGL - 138: Survey of English Literature: Late 18th Century to Present
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and define literary techniques relevant to the study of English literature from the late 18th century to the present.
2. Describe genres, periods, and themes relevant to the study of English literature from the late 18th century to the present.
3. Analyze and explain the literary, historical, and cultural significance of important works of English literature from the late 18th century to the present.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ENGL 138

ESL - 31: Vocabulary Power 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Recognize and utilize new vocabulary words in writing, reading, speaking, and listening contexts.
2. Use context clues to determine the meaning of words.
3. Use various recognition strategies at the word level (word forms, prefixes, suffixes, word associations, etc) to determine the meaning of words.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ESL 31**

**FREN - 51: Introductory French 1**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Respond appropriately to elementary, survival-level conversations within daily life situations, travel, and occupational contexts.
2. Read simple texts in the target language (simplified as well as authentic).
3. Write simple notes and correspondence in the target language.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for FREN 51**

**FREN - 102: French 2**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Conduct conversations in French with some fluency and accuracy, demonstrating listening comprehension skills and knowledge of grammatical concepts and vocabulary at the high beginner level.
2. Read and discuss texts in French (simplified as well as authentic).
3. Read descriptive paragraphs and correspondence in form of personal letters.

**M/S/C (A. Herrera, N. Gopal) to approve the CLOs for FREN 102**

**MUSA - 124: Applied Piano**
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Perform complete musical works of advanced level from the standard piano literature by memory, including pieces from all stylistic periods: Baroque, Classical, Romantic, 20th-century and Contemporary.
2. Demonstrate at the piano mastery of musical performance concepts: steady pulse, rhythm, sound, articulation, phrasing and balance.
3. Translate musical notation at sight from a score into playing, hands together, counting out
M/S/C (A. Herrera, N. Gopal) to approve the CLOs for MUSA 124

MUST - 134: Aural Skills 4
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Hear music with understanding, recognizing patterns and musical function.
2. Sight-read and perform rhythms featuring irregular beat divisions and polyrhythms in asymmetrical or mixed meters.
3. Sing melodies containing chromaticism, modulation to distantly-related keys, and post-tonal elements with correct intonation and correct rhythm.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for MUST 134

PE - 124: Introduction to Kinesiology
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Distinguish the integrative nature of the field of Kinesiology.
2. Evaluate the discipline of kinesiology, its foundation, movement principles, and career opportunities.
3. Assess historical, philosophical, and pedagogical principles of human movement.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for PE 124

THETR - 133: Rehearsal and Performance 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Recognize and follow basic stage directions.
2. Analyze a character using a play script and secondary sources.
3. Participate in vocal and physical warm-up activities for both rehearsal and performance activities.
4. Demonstrate introductory acting performance skills on stage before a live audience.
Pulled from the agenda by J. Todd. J. Todd was concerned with third CLO. J. Todd thought it might be more of an objective. H. Townsend will notify R. Serros, AHC OAW representative, to contact the author for a possible edit of the CLOs.

THETR - 134: Rehearsal and Performance 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Apply intermediate skills and methods to performing a role on stage.
2. Create and dramatize the behavioral life of a character in rehearsal and performance.
3. Evaluate and analyze a script for rehearsal and performance.
4. Recognize and demonstrate the collaborative responsibilities with the director and designers in rehearsal and in performance.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for THETR 134

III. NEW BUSINESS: (CLOS from Assessment Chair Approval Stream)
ADJU - 210: Communications in Criminal Justice
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Create effective police reports.
2. Recognize the importance of the police report.
3. Explain the need for the various reports prepared by law enforcement.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ADJU 210

AGGE - 146: Agriculture, Environment and Society
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Analyze the relationship between agriculture and society and the subsequent impact of that society’s agriculture on the environment.
2. Plan and conduct a qualitative interview of someone involved with, or affected by, an agriculture-related issue.
3. Plan and conduct a qualitative interview of someone involved with, or affected by, an agriculture-related, current societal issue, crisis, and/or triumph directly related to mankind’s use of agriculture and its corresponding impact on the environment.
4. Identify the impacts of urbanization on California’s central valley agriculture and rural society and compare and contrast the opposing stakeholder viewpoints.

_Pulled from the agenda by A. Herrera. A. Herrera will contact the author for a possible revision to the CLOs._

**ART - 172: Intermediate Photography**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate intermediate to advanced skills of fine art photography including camera and meter operation, film development, film scanning, black and white wet-lab printing, and presentation.
2. Demonstrate skills of seeing beyond the obvious, of visual articulation of ideas using photography, and or inquiry into oneself and the world.

_M/S/C (A. Herrera, N. Gopal) to approve the CLOs for ART 172_

**EHS - 215: Landscape Design**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Create and present original landscape designs designed to apply the design process to solving real-life landscape design problems.

_Pulled from the agenda by A. Herrera. A. Herrera will contact the author for a possible revision to the CLOs._

**ENSCI - 108: Environmental Conservation**

Course Learning Outcomes

As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate, or investigate an environmental conservation practice.
2. Evaluate their lifestyle in terms of meeting the tenets for creating a sustainable future.
3. Debate the viability of a choosing a future primary power source for the United States.
4. Research and present one of the six major ecosystems of the Central Valley, including: an overview of the climate; a catalog of native plants and animals; a description of primary food chains/food web; and a map identifying the placement of the habitat within the Central Valley.

_Pulled from the agenda by A. Herrera. A. Herrera will contact the author for a possible revision to the CLOs._
HIST - 129: History of California
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Demonstrate factual knowledge of key political, economic, social and cultural events and issues in the history of California.
2. Apply critical thinking (including causal analysis and skeptical inquiry) to historical concepts and developments in history.
3. Evaluate, analyze and interpret primary and secondary historical sources and make historical arguments based on these sources.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for HIST 129

NR - 200: Soils
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Determine and analyze how one would use the findings of the following to manage the soils they live on or work on: textures (two methods), use of texture triangle, bulk density, particle density, pore space, organic content, color, pH, structure, conductivity, and reactivity.
2. Discuss local soil quality as it affects human and natural activities.

Pulled from the agenda by A. Herrera. A. Herrera will contact the author for a possible revision to the CLOs.

PEC - 128: Aerobics
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Evaluate and understand basic fitness and aerobic terminology.
2. Identify and participate in a continuous basic aerobic workout using proper mechanics of movement.

M/S/C (A. Herrera, N. Gopal) to approve the CLOs for PEC 128

PEC - 170: Advanced Swimming
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Evaluate the advanced skills in the areas of endurance swimming, workout structure, and technical improvement for each of the strokes.
2. Identify and demonstrate the four basic swim strokes and front dive and flip turn.

Pulled from the agenda by B. Hunt. B. Hunt will contact M. Motroni, PE OAW representative, who will then contact the author for a possible revision to the CLOs.

PEC - 190: Advanced Water Polo
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Acquire the knowledge of advanced skills, and strategies for successful participation in water polo.
2. Evaluate the offense time management strategies during a game situation.

Pulled from the agenda by B. Hunt. B. Hunt will contact M. Motroni, PE OAW representative, who will then contact the author for a possible revision to the CLOs.

IV. DISCUSSION ITEMS

1. PLO Assessment Pilot Planning:
J. Todd reported that GEOG, SPCOM, BUSAD, MATH, AUBDY, ENGL/LIT, ANAT, AP, MICRO, PHYSO and AG will be participating in a pilot for the assessment of programs. James explained that we may have to break individuals up in small groups this time around. He said the process should take about three hours. James said that the groups will generate informative reports that others will see. The reports will be circulated through the councils. The groups will remap their PLOs and CLOs. The same questions from Assessment day may still be used. James said that the groups will need to engage the data. He also reported that in two weeks from now, new assessment folders will be available for these pilot groups. James wants the next OAW meeting mandated for the purpose of discussion regarding the upcoming pilot.

B. Sanders added that the assessment package may have the following:

1) Program Flowchart=Graphic Format
2) Curriculum Map=PLO/CLO Alignment Matrix
3) PLO Assessments
4) Copies of CLO Assessments Previously Submitted

B. Sanders and the OAW developed a possible draft of the following:
Proposed, Hypothetical, Possible DRAFT of
Major/Emphasis/Certificate/Skills Recognition
Program Learning Outcomes Packet
(Possible precursor to new type of “program review”)

Needs a simpler title...

Section 1 – CurricUNET program report showing Major/Emphasis/Certificate/Skills Recognition, its course requirements, and its PLOs

Section 2 – Program Flowchart (a la “whitewater institute”)

Section 3 – Current PLO-CLO Alignment Matrix

Section 4 – Four- or five-question PLO analysis based on CLO data collected (repeated from Fall 2012 Institute Day but with deeper analysis and prepared for public display)

Section 5 – If applicable – Data regarding direct assessment of PLO(s)

Section 6 – Overall summary of the status of PLO and CLO assessment within this area

Appendix – Attach copies of CLO results used as part of the analysis in section 4, categorized and labeled in a sensible way for the reader.
Insert CLO assessment results pages in a sensibly categorized and labeled way.
Outcomes Assessment Work Group

APPROVED MINUTES

March 5, 2013
3:00 to 4:30
Ansel Adams Room 206

Program Report

Mathematics

AS-T Associate of Science for Transfer: Mathematics

The Associate in Science in Mathematics for Transfer degree includes curriculum which focuses on the mastery of integration and differentiation and using these techniques to model real-world applications. The Associate in Science in Mathematics for Transfer degree is intended for students who plan to complete a bachelor’s degree in Mathematics or a related field of study offered at various campuses in the California State University system. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts this degree will be required to complete no more than 60 units after transfer to earn a bachelor’s degree. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. The Associate in Science in Mathematics for Transfer degree also offers the appropriate preparation for students who plan to complete a bachelor’s degree in Mathematics at various campuses in the University of California system. However, students completing this degree are not guaranteed admission to the UC system. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this program, the student will be able to:

1. Successfully complete upper division coursework in mathematics.
2. Master the techniques of integration and differentiation.
3. Use these techniques to model real-world applications.

PROGRAM REQUIREMENTS

To earn an Associate in Science for Transfer degree in this major, the student must complete the requirements detailed in the Transfer Model Curriculum pathway. All courses must be completed with a C or better.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 171 Calculus: First Course</td>
<td>5</td>
</tr>
<tr>
<td>MATH 172 Calculus: Second Course</td>
<td>5</td>
</tr>
<tr>
<td>MATH 173 Calculus: Third Course</td>
<td>5</td>
</tr>
<tr>
<td>MATH 174 Introduction to Linear Algebra &amp; Diff Equations</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 101 General Physics: Mechanics</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Units: 25

PID 274
Outcomes Assessment Work Group

APPROVED

MINUTES

March 5, 2013
3:00 to 4:30
Ansel Adams Room 206

Program Learning Outcomes
Upon satisfactory completion of this program, the student will be able to or be prepared to...
1. Successfully complete upper division coursework in mathematics.
2. Master the techniques of integration and differentiation.
3. Use these techniques to model real-world applications.
## Mathematics PLO-CLO Alignment Matrix

<table>
<thead>
<tr>
<th>CLO</th>
<th>Mathematics PLO-CLO</th>
<th>PLO 1</th>
<th>PLO 2</th>
<th>PLO 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alignment Matrix</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLO 1</td>
<td>Demonstrate understanding of the mathematical concept of limits.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLO 2</td>
<td>Demonstrate understanding of the theory and application of differentiation.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 3</td>
<td>Demonstrate understanding of the theory and application of integration.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 4</td>
<td>Succeed in Math 171</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math 171</td>
<td>Demonstrate mastery of the theory and application of integration.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Math 172</td>
<td>Demonstrate understanding of the theory and application of infinite series.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLO 3</td>
<td>Succeed in Math 172</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math 173</td>
<td>Demonstrate understanding of the theory and application of multivariate integration.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 2</td>
<td>Demonstrate understanding of vector calculus.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 3</td>
<td>Demonstrate understanding of the theory and application of multivariate differentiation.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 4</td>
<td>Succeed in Math 174</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math 174</td>
<td>Demonstrate understanding of the theory and applications of first and second order differential equations.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 2</td>
<td>Demonstrate understanding of the theory of linear algebra.</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CLO 3</td>
<td>Demonstrate proficiency with techniques for solving differential equations.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phys 101</td>
<td>Apply two-dimensional kinematical concepts in solving projectile problems.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CLO 2</td>
<td>Apply the law of conservation of linear momentum in solving problems in mechanics.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
Qualitative Analysis and Reflection on Program PLOs WORKSHEET

Faculty participants in this discussion and analysis:

List participants here....

Please provide a brief and cogent narrative in response to each of the following questions. Responses will be used to reflect on learning outcomes and be used for data analysis and planning. Your analysis may be shared with governance councils, members of the Board of Trustees, and members of the public, and may be publicly viewable on the MJC website.

1. Do the course learning outcomes (CLOs) represent the overall purpose(s) of the course(s)? Please explain why or why not.

2. Do the program learning outcomes (PLOs) represent the overall purpose(s) of the program? Please explain why or why not.

3. How well did the course learning outcomes (CLOs) fulfill, support and align with the program learning outcomes (PLOs)? Please explain.
4. You’ve mapped your CLOs to PLOs. You’ve also reviewed CLO assessment data and attached it to this report, and your initial analysis from the Fall 2012 Assessment Day workshop.

Please use these data to reflect on, consider, and analyze your students’ performance on your PLOs. That is, what does your CLO data tell you about your PLOs?

5. In reviewing the questions above, please identify an action plan.
I. APPROVAL OF MINUTES

March 5, 2013

II. CONSENT AGENDA (CLOS previously withdrawn for revisions and recent Curriculum approved courses from the February 19, 2013 Meeting)

Previously Withdrawn/Newly Revised and Resubmitted CLOs from OAW:

THETR - 152: Dance Rehearsal & Performance 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and demonstrate proficiency at an intermediate or advanced level in the area of performance technique.
2. Perform professional level dances as a solo, duet, or ensemble choreography by faculty and guest artists.
3. Demonstrate and execute knowledge of lighting, costume, and makeup concepts.
4. Follow and interpret choreographic directions

THETR - 155: Dance Workshop Performance
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Follow and interpret choreographic principles in the development of original choreography and analyze the creative process.
2. Perform a completed choreographic work for a live audience.
3. Identify the technical aspects of producing a dance concert.

Curriculum approved currently active and adopted courses (Approved at the March 5, 2013 meeting):

ADJU - 204: Legal Aspects of Evidence
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Explain the difference between circumstantial and direct evidence.
2. Evaluate and analyze the rules of evidence.
3. Identify and apply different concepts of the rules of evidence such as the “chain of evidence”
Outcomes Assessment Work Group

AGENDA

March 19, 2013
3:00 to 4:30
Ansel Adams Room 206
View the agenda and attachments at:
http://outcomesassessment.sites.mjc.edu/index.php

ADJU - 235: Introduction to Corrections
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Describe the differences between local, state and federal correctional institutions.
2. Discuss the evolution of the American correctional system.
3. Examine the differences between adult probation and adult parole.

AGM - 262: Hydraulics/Pneumatics
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify various components of a complete hydraulic system and be able to explain each components function.
2. Calculate hydraulic cylinder speeds and forces.

THETR – 188/PEC 126: Jazz 1
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Differentiate between Jazz dance and other related styles such as modern and ballet technique.
2. Perform the physical characteristics of jazz dance; use of plie', rhythm, and syncopation.
3. Develop skill in body isolation, working with and against music pulse.
4. Develop an increased stretch and flexibility.

THETR – 194/PEC 194: Introduction to World Dance
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify similarities and differences among concert dance, folk dance, and social dance.
2. Discuss the role of dance and recognize its vocabulary in specific cultures and styles.
3. Critically evaluate a dance performance through written response using Goethe’s evaluation method and student’s personal aesthetic.
4. Identify influential artists in dance and their contributions to the art form.
Participate in a specific dance topic presentation through historical research and a minimum of one visual component.
5. Perform dances from various cultures and styles.

New Courses
PEM - 165: Soccer 3
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Select and perform collegiate soccer skills necessary to successfully participate in a collegiate level soccer match.
2. Relate the rules and strategies of soccer to collegiate level matches.

PEW - 163: Soccer 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Relate the rules and strategies of soccer to intermediate level matches.
2. Evaluate and select intermediate level soccer skills required to successfully participate in a soccer match.

III. NEW BUSINESS: (CLOS from Assessment Chair Approval Stream)

No Report

IV. DISCUSSION ITEMS

1. PLO Assessment Pilot Planning
2. Other
I. APPROVAL OF MINUTES

The meeting minutes of March 5, 2013 were approved without objection.

M/S/C (B. Sanders, J. Todd) to approve the March 5, 2013 meeting minutes

II. CONSENT AGENDA (CLOS previously withdrawn for revisions and recent Curriculum approved courses from the February 19, 2013 Meeting)

Previously Withdrawn/Newly Revised and Resubmitted CLOs from OAW:

THETR - 152: Dance Rehearsal & Performance 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify and demonstrate proficiency at an intermediate or advanced level in the area of performance technique.
2. Perform professional level dances as a solo, duet, or ensemble choreographed by faculty and guest artists.
3. Demonstrate and execute knowledge of lighting, costume, and makeup concepts.
4. Follow and interpret choreographic directions.

M/S/C (B. Bailey, A. Schnoor) to approve the CLOs for THETR 152

THETR - 155: Dance Workshop Performance
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Follow and interpret choreographic principles in the development of original choreography and analyze the creative process.
2. Perform a completed choreographic work for a live audience.
3. Identify the technical aspects of producing a dance concert.

**THETR 155 Pulled from the agenda by B. Bailey. B. Bailey will contact the author with suggested revisions.**

Curriculum approved currently active and adopted courses (Approved at the March 5, 2013 meeting):

ADJU - 204: Legal Aspects of Evidence
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Explain the difference between circumstantial and direct evidence.
2. Evaluate and analyze the rules of evidence.
3. Identify and apply different concepts of the rules of evidence such as the “chain of evidence”

**M/S/C (B. Bailey, A. Schnoor) to approve the CLOs ADJU 204**

ADJU - 235: Introduction to Corrections
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Describe the differences between local, state and federal correctional institutions.
2. Discuss the evolution of the American correctional system.
3. Examine the differences between adult probation and adult parole.

**M/S/C (B. Bailey, A. Schnoor) to approve the CLOs for ADJU 235**

AGM - 262: Hydraulics/Pneumatics
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify various components of a complete hydraulic system and be able to explain each components function.
2. Calculate hydraulic cylinder speeds and forces.

**AGM 262 Pulled from the agenda by A. Schnoor. A. Schnoor will contact the author with suggested revisions.**
Outcomes Assessment Work Group

APPROVED

MINUTES

March 19, 2013
3:00 to 4:30
Ansel Adams Room 206

THETR – 188/PEC 126: Jazz 1 Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Differentiate between Jazz dance and other related styles such as modern and ballet technique.
2. Perform the physical characteristics of jazz dance; use of plie', rhythm, and syncopation.
3. Develop skill in body isolation, working with and against music pulse.
4. Develop an increased stretch and flexibility.

THETR 188/PEC 126 Pulled from the agenda by B. Bailey. B. Bailey will contact the author with suggested revisions.

THETR – 194/PEC 194: Introduction to World Dance Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Identify similarities and differences among concert dance, folk dance, and social dance.
2. Discuss the role of dance and recognize its vocabulary in specific cultures and styles.
3. Critically evaluate a dance performance through written response using Goethe’s evaluation method and student’s personal aesthetic.
4. Identify influential artists in dance and their contributions to the art form.
5. Participate in a specific dance topic presentation through historical research and a minimum of one visual component.
6. Perform dances from various cultures and styles.

THETR 194/PEC 194 Pulled from the agenda by B. Bailey. B. Bailey will contact the author with suggested revisions.

New Courses

PEM - 165: Soccer 3 Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Select and perform to utilize collegiate soccer skills necessary to successfully participate in a collegiate level soccer match.
2. Analyze strategies and apply the rules of soccer to collegiate level matches.

M/S/C (B. Bailey, A. Schnoor) to approve the CLOs for PEM 165

PEW - 163: Soccer 2
Course Learning Outcomes
As a result of satisfactory completion of this course, the student should be prepared to:
1. Analyze strategies and apply the rules of soccer to intermediate level matches.
2. Evaluate and select intermediate level soccer skills required to successfully participate in a soccer match.

M/S/C (B. Bailey, A. Schnoor) to approve the CLOs for PEW 163

III. NEW BUSINESS: (CLOS from Assessment Chair Approval Stream)

No Report

IV. DISCUSSION ITEMS

1. PLO Assessment Pilot Planning
   The Outcomes Assessment Work Group discussed the new assessment data to approve in CurricUNET. It was decided that H. Townsend will review the data to decide which assessments will need to go into the upcoming pilot program folders.

   J. Todd refreshed the group on the assessment process in place. Several OAW members are new and J. Todd believes that it is important to get everyone who attends the OAW meetings up to speed on what we are currently doing with assessment.

   J. Todd reported that the disciplines in Business Administration and Geography will be meeting April 12, 2013 at 11:00 a.m. in Founders Hall to do a pilot program assessment. The exact room location is yet to be determined. James would like for the English discipline to possibly meet then as well. J. Todd reported that the Agriculture department will be meeting on April 2, 2013 for a pilot program assessment.