



## Outcomes Assessment Work Group

# AGENDA

**April 17, 2015**

**1:00 - 2:30pm**

**Yosemite 213**

**View the agenda and attachments at:**

[http://www.mjc.edu/instruction/outcomesassessment/oawagendas\\_minutes.php](http://www.mjc.edu/instruction/outcomesassessment/oawagendas_minutes.php)

### **I. APPROVAL OF MINUTES**

November 5, 2014; December 5, 2014, March 3, 2015

### **II. NOTIFICATION ITEMS**

None.

### **III. CLOs Originating Through Course Updates or Revisions**

#### **A. Status Reports**

##### **1. CLOs Pulled for Revision at Previous OAW Meetings - Updates on Status of Revisions**

None.

##### **B. CLOs for Approval** (includes revisions from previous meetings and new submissions through course updates)

###### **1. Revised CLOs Pulled Previously - Ready for Approval**

None.

###### **2. NEW CLOs for Approval** (12.3, 1/20 and 2/3/15, Curriculum Committee Meetings)

#### **ADJU - 219: Corrections Firearms Training**

Upon satisfactory completion of this course, the student should be prepared to:

1. Demonstrate marksmanship ability with the rifle.
2. Analyze and clear rifle stoppages/malfunctions using procedures identified in this course.

#### **ANSC - 214: Livestock Feeding and Nutrition**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify and describe the function of each anatomical feature of the digestive systems of livestock.
2. Explain the importance of livestock comfort to efficient nutrient utilization.

#### **ANTHR - 107: Forensic Anthropology Introduction**

Upon satisfactory completion of this course, the student should be prepared to:

1. Describe the basic concepts, methods of inquiry, and the theory of forensic anthropology.  
Identify significant data and models that contribute to our knowledge of skeletonized human remains.
2. Use anthropological perspectives to describe and explain contemporary issues.

#### **ART - 160: Appreciation of Art**

Upon satisfactory completion of this course, the student should be prepared to:

1. List and define the proper art terms and vocabulary.
2. List and describe the elements of Art and principles of design.
3. List and describe the basic media used in two and three dimensional artwork.
4. Evaluate art work based on historical context and intent to the artist.



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### **ART - 173: Digital Imaging for Photographers**

1. Upon satisfactory completion of this course, the student should be prepared to:  
Produce a portfolio of creative original photographs utilizing a basic understanding of digital techniques and fine art concepts.
2. Capture, process, and edit photographic images to create fine art and professional-quality output (prints and screen) using a variety of camera settings, digital imaging software and hardware, file management, color management and other output adjustments.
3. Critically analyze and evaluate at an introductory level his/her photographs, those of peers and important photographic artists utilizing a basic understanding of contemporary and historical fine art concepts.

### **BIO - 115: Genetics, Evolution, and Society**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify the main molecular components of a DNA nucleotide and explain how these nucleotides are arranged in the double helix.
2. Use a punnett square to predict the genotypic ratios of offspring when given the parental genotypes for a specified characteristic.
3. Identify and describe the phases of mitosis and meiosis, in addition they will be able to compare and contrast these two processes of cell reproduction.  
Understand key concepts of Darwinian evolution, history of life on Earth, and some of the phylogenetic relationships between organisms; and state scientific lines of evidence of biological evolution.

### **COLSK - 100: Foundation for First Year College Success**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify stress management strategies to promote lifelong health and wellness.
2. Recognize the interrelation of physiological, psychological & social influences on personal human development and well being.
3. Identify and apply learning and personality preferences.
4. Utilize technology and library research strategies.

### **ELTEC - 236: HMI & Industrial Communications**

Upon satisfactory completion of this course, the student should be prepared to:

1. Develop HMI pages that provide important and useful information, including logged data, to operators using the proper data types.
2. Program and set up the communications between the HMI and various devices using various industrial communications methods.

### **ESL - 47: English Language 6**

Upon satisfactory completion of this course, the student should be prepared to:

1. Use English grammar and tenses at the advanced level with accuracy in structured and un-structured grammar exercises and written exams;
2. Read and respond to advanced level texts and other current topics in English with some fluency and accuracy orally and/or in writing;
3. Write multi-paragraph assignments using the grammar studied with level-appropriate accuracy avoiding excessive errors.



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### **FSCI - 262: Fire Academy Physical Training**

Upon satisfactory completion of this course, the student should be prepared to:

1. Perform the physical demands of a reservist or an entry level firefighter.

### **FTECH - 321XABC: Fire Service In-Service Training / EMS**

Upon satisfactory completion of this course, the student should be prepared to:

1. Perform in various job related disciplines, and be effective when performing perishable skills.
2. Embody and exhibit current Fire Service technology and rescue practice standards for the delivery of EMS.
3. Demonstrate professionalism needed during the delivery of EMS.

### **HUMSR - 114: Death and Dying**

Upon satisfactory completion of this course, the student should be prepared to:

1. Describe the historical perspective of death and dying.
2. Explain the end of life planning process, suicide, and euthanasia.

### **LOGST - 200: Introduction to Logistics**

1. Upon satisfactory completion of this course, the student should be prepared to:

Compare the logistics and distribution industry infrastructure in the Northern San Joaquin Valley against other national and global regions.

2. Analyze various alternatives of facility layout alternatives available for warehousing and distribution design.

### **PEVM - 122: Men's Varsity Soccer**

Upon satisfactory completion of this course, the student should be prepared to:

1. Select and perform collegiate soccer skills (passing, dribbling, and shooting) necessary to participate in an outdoor collegiate soccer match.
2. Identify knowledge of the "FIFA rules" necessary to participate in an outdoor collegiate soccer match.
3. Assess tactical skills and determine the most effective plan to participate successfully.

### **PEVW - 100: Women's Varsity Basketball - Fall**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify and demonstrate the basketball skills necessary to contribute to individual and team success, while performing at the highest level possible, both physically and mentally.
2. Identify and apply the rules of NCAA basketball while producing game strategies and philosophies during intercollegiate competition.

### **PHYS - 101: General Physics: Mechanics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Solve problems and predict outcomes for moving objects through application of kinematics, Newton's laws of motion and conservation laws (algebraic, trigonometric and calculus-based principles will be utilized in the process).
2. Use the scientific method to collect and analyze data for moving objects. Verify physical principles in classical mechanics through measurement and experimentation.
3. State and apply fundamental mechanical principles in order to explain phenomena in our everyday world (emphasis will be placed upon relevant phenomena in the field of engineering).



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### **PHYS - 102: General Physics: Waves, Thermodynamics, & Optics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Solve problems and predict outcomes for vibrational, thermodynamic and optical systems through application of principles in classical mechanics, thermodynamics and wave theory (algebraic, trigonometric and calculus-based principles will be utilized in the process).
2. State and apply fundamental mechanical, thermodynamic and optical principles in order to explain phenomena in our everyday world (emphasis will be placed upon relevant phenomena in the field of engineering).
3. Verify physical principles involving oscillations, thermodynamics and optics through measurement and experimentation.
4. Use the scientific method to collect and analyze data for vibrational, thermodynamic and optical systems.

### **PHYS - 103: General Physics: Electricity, Magnetism, & Modern Physics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Use the scientific method to collect and analyze data for electromagnetic and modern physical systems.
2. Solve problems and predict outcomes for electromagnetic and modern physical systems through application of principles in classical electromagnetism and modern physics. (algebraic, trigonometric and calculus-based principles will be utilized in the process).
3. Verify physical principles in electromagnetism and modern physics through measurement and experimentation.
4. State and apply fundamental electromagnetic and modern physical principles in order to explain phenomena in our everyday world. (emphasis will be placed upon relevant phenomena in the field of engineering).

### **PHYS - 142: Mechanics, Heat, & Waves**

Upon satisfactory completion of this course, the student should be prepared to:

1. Solve problems and predict outcomes for mechanical, oscillatory and thermodynamic systems through application of principles in classical mechanics, thermodynamics and wave theory (algebraic and trigonometric principles will be utilized in the process).
2. Use the scientific method to collect and analyze data for mechanical, oscillatory and thermodynamic systems.
3. Verify physical principles involving classical mechanics, oscillations and thermodynamics through measurement and experimentation.
4. State and apply fundamental mechanical, oscillatory and thermodynamic principles in order to explain phenomena in our everyday world (emphasis will be placed upon relevant phenomena in the fields of the life sciences).

### **PHYS - 143: Electricity, Magnetism, Optics, Atomic and Nuclear Structure**

Upon satisfactory completion of this course, the student should be prepared to:

1. Solve problems and predict outcomes for electromagnetic, optical and modern physical systems through application of principles in classical electromagnetism, classical wave theory and modern physics (algebraic and trigonometric principles will be utilized in the process).
2. Use the scientific method to collect and analyze data for electromagnetic, optical and modern physical systems.
3. Verify physical principles involving classical electromagnetism, classical wave theory and modern physics through measurement and experimentation.



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4. State and apply fundamental electromagnetic, optical and modern physical principles in order to explain phenomena in our everyday world (emphasis will be placed upon relevant phenomena in the fields of the life sciences).

### **PHYS - 160: Descriptive Introduction to Physics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Solve problems and predict outcomes for physical systems through application of selected concepts in classical and/or modern physics (algebraic principles will be utilized in the process)
2. State and apply fundamental physical principles in order to explain phenomena in our everyday world
3. Use the scientific method to gain information about simple physical systems

### **PHYS - 165: Introductory Physics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Apply quantitative measuring techniques in describing scientific systems and processes
2. Solve problems and predict outcomes for mechanical, thermodynamic and/or electromagnetic systems through application of principles in classical mechanics, thermodynamics and/or electromagnetism (algebraic and trigonometric principles will be utilized in the process)
3. Use the scientific method to collect and analyze data for mechanical, thermodynamic and/or electromagnetic systems
4. Verify physical principles involving classical mechanics, thermodynamics and/or electromagnetism through measurement and experimentation  
State and apply fundamental mechanical, thermodynamic and/or electromagnetic principles in order to explain phenomena in our everyday world

### **PHYS - 180: Conceptual Physics: A Hands-On Approach**

Upon satisfactory completion of this course, the student should be prepared to:

1. Use the scientific method to collect and analyze data for simple physical systems.
2. Solve problems and predict outcomes for physical systems through application of selected concepts in classical and/or modern physics (algebraic principles will be utilized in the process).
3. State and apply fundamental physical principles in order to explain phenomena in our everyday world.
4. Verify physical principles in classical and/or modern physics through measurement and experimentation.

### **POLSC - 101: American Politics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a major contemporary issue in American politics.
2. Effectively search for, interpret, and critique literature that addresses topics in American politics.
3. Evaluate the extent to which the American political system is democratic.
4. Summarize the roles, powers, and operation of the three main branches of the U.S. federal government.

### **POLSC - 102: The Constitution and Rights of Persons**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a U.S. court decision on a civil liberties or civil rights issue.
2. Identify, compare, and contrast approaches for interpreting the U.S. Constitution.
3. Evaluate the U.S. Constitution's preamble, articles, and amendments.
4. Summarize the roles, powers, and operation of the U.S. Supreme Court.



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### **POLSC - 110: International Relations**

Upon satisfactory completion of this course, the student should be prepared to:

1. Assess the realist, liberal, and radical theories of international relations.
2. Analyze the various paths to peace, and the role of the U.S. in foreign affairs.

### **POLSC - 120: California Politics and Problems**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a major contemporary issue in California politics.
2. Effectively search for, interpret, and critique literature that addresses topics in California politics.
3. Evaluate the extent to which California's political system is democratic.

### **POLSC - 130: Political Theory**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a fundamental political concept, such as democracy, justice, or rights.
2. Critique a political theory, with attention to political, historical, and cultural context.
3. Compare and contrast the theories of major political theorists.

### **POLSC - 131: American Political Thought**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a key political concept, such as republicanism, equality, or freedom.
2. Critique an American political theory, with attention to political, historical, and cultural context.
3. Compare and contrast the theories of two important American political theorists.

### **POLSC - 140: Comparative Politics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Analyze different theories of political and economic development.
2. Evaluate the political, economic, and cultural difficulties that nations face in transitioning to democracy.
3. Compare and contrast strong, weak, and failed states

### **POLSC - 180: Human Rights**

Upon satisfactory completion of this course, the student should be prepared to:

1. Critically and creatively analyze a major human rights issue in relation to politics and culture.
2. Effectively search for, find, and critique literature on human rights.
3. Compare and contrast different strategies and approaches used to try to stop human rights atrocities.

### **POLSC - 195: Political Internship Discussion**

Upon satisfactory completion of this course, the student should be prepared to:

1. Lead an engaging and insightful class discussion on an important current political event.
2. Evaluate the effectiveness of a semester-long political internship.

### **POLSC - 196: Political Internship**

Upon satisfactory completion of this course, the student should be prepared to:

1. Participate as a contributing team member while working for a political organization.
2. Display professional and responsible conduct while working for a political organization.



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### **RSCR - 250: Clinical 3**

Upon satisfactory completion of this course, the student should be prepared to:

1. Complete patient physical assessments, implement therapist-driven protocols, and a plan of care for critical care patients.
2. Document care given to patients for daily clinical assignments.
3. Explain procedures for initiation, management, and discontinuance of mechanical ventilation for patients in the critical care units.

### **SIGN - 125: ASL: Beginning Communication With the Deaf**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify the unique characteristics of Deaf Culture.
2. Translate the grammar and syntax of ASL at a basic conversational level.
3. Demonstrate the grammar and syntax of ASL at a basic conversational level.

### **SIGN - 126: ASL: Intermediate Communication With the Deaf**

Upon satisfactory completion of this course, the student should be prepared to:

1. Translate expanded ASL in conversational and narrative form at the intermediate level;
2. Demonstrate consecutive discourse of expanded ASL at the intermediate level;
3. Identify major roles and ethical responsibilities of professionals working with the Deaf.

### **SIGN - 127: ASL: Advanced Communication With the Deaf**

Upon satisfactory completion of this course, the student should be prepared to:

1. Interact appropriately with deaf community members at an advanced level;
2. Demonstrate interpreting skills in a variety of professional settings at an advanced level;
3. Translate ASL in a variety of professional and formal settings at an advanced level.

### **TUTOR - 110: Introduction to Tutoring Composition**

Upon satisfactory completion of this course, the student should be prepared to:

1. Read student writing actively and analytically, evaluating its ideas and structure.
2. Discuss with students effective strategies for improving their writing.

## **IV. CLOs Originating through CLO Update Only Process**

### **A. Status Reports**

#### **1. CLOs Pulled for Revision at Previous OAW Meetings - Updates on Status of Revisions**

- HUMSR 101 - Introduction to Human Services (2/7/14) (Eileen)
- HUMSR 111 - Counseling in Chemical Dependency (2/7/14) (Eileen)
- HUMSR 116 - Drugs and Alcohol in Society (2/7/14) (Eileen)
- HUMSR 118 - Pharmacology of Abused Substances (2/7/14) (Eileen)
- HUMSR 119 - Intro Group Ldrshp/Grp Process (2/7/14) (Eileen)
- SOCIO 150: Ethnicity and Culture in America (12/6/13) (Eileen)

#### **B. CLOs for Approvals (includes revisions from previous meetings and new submissions through CLO Update Only Process)**

##### **1. Revised CLOs Pulled Previously - Ready for Approval**

None



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### **2. NEW CLOs for Approval (from CLO Update Only Queue)**

#### **CMPGR - 252: Desktop Publishing for Computer Graphics**

Upon satisfactory completion of this course, the student should be prepared to:

1. Apply the fundamental concepts of visual communication to page layout's basic elements.
2. Employ standard digital tools, such as color and typographic controls.

#### **ELTEC - 205: Electronics Fabrication and Assembly Techniques**

Upon satisfactory completion of this course, the student should be prepared to:

1. Identify common electronic components and their characteristics, such as type, tolerance, voltage ratings, and values.
2. Solder components into and remove them from a printed circuit board properly without damage to the board.

#### **ENGL - 49: Basic English Skills**

Upon satisfactory completion of this course, the student should be prepared to:

1. Analyze reading selections for the main idea and identify key words for use as supporting evidence;
2. Paraphrase and/or summarize source language;
3. Write sentences that adhere to conventions of correctness in standard English;
4. Write coherent essay-length compositions controlled by a clear thesis statement.

#### **MUSA - 151: Elementary Voice 1**

Upon satisfactory completion of this course, the student should be prepared to:

1. Sing solos and vocalize with proper intonation, tone quality and expression.
2. Read music for solo and choral situations using basic music reading skills.

#### **MUSA - 152: Elementary Voice 2**

Upon satisfactory completion of this course, the student should be prepared to:

1. Sing solos and vocalize with proper intonation, tone quality and expression at an intermediate level.
2. Read music for solo and choral situations using music readings skills at an intermediate level.

#### **MUSA - 155: Vocal Master Class**

Upon satisfactory completion of this course, the student should be prepared to:

1. Apply knowledge of various historical and compositional styles through performance.
2. Evaluate vocal technique and interpretations presented in performances
3. Perform songs in various languages and properly convey that meaning through performance.

#### **MUSG - 101: Music Appreciation**

Upon satisfactory completion of this course, the student should be prepared to:

1. Analyze and evaluate musical performances using appropriate terminology.
2. Discuss music in its historical context.

### **I. ACTION/DISCUSSION ITEMS**

1. Due Dates for Fall CLO, PLO, ILO, GELO Assessments  
January 31, 2015  
What is still out from divisions?





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I have received:

- Biology
- Psychology
- Plant Science
- French
- German
- Italian
- Humanities

2. Spring 2015 PLO/ILO/GELO Assessments - Reminder

PLO/ILO/GELO only

- Administration of Justice - PLO only
- Computer Graphics - PLO only
- Environmental Sciences - PLO only
- Human Services - PLO only
- Natural Resources - PLO only

PLO/ILO/GELO plus Program Review

- Animal Science - PLO plus Program Review
- Earth Science - PLO plus Program Review
- Geology - PLO plus Program Review
- History - PLO plus Program Review
- Meteorology - PLO plus Program Review
- Music - PLO plus Program Review

3. ELumen Update