



Outcomes Assessment Work Group

Unapproved Minutes

April 4, 2014

12:30 - 2:30pm

Yosemite Hall, Rm 213

View the minutes and attachments at:

<http://mjc.edu/instruction/outcomesassessment/>

Members Present: Belen Robinson, Brian Sanders, Deborah Brayman, Eileen Kerr, Gail Brumley, Gerald Wray, Heather Townsend, James Dorn, James Todd, Kathleen Ennis, Lynette Borrelli, Mark Anglin, Milan Motroni, Patrick Bettencourt, Paul Muncy, Sonny Gumm,

Members Absent: Beth Bailey, Cecelia Hudelson Putnam, Jillian Daly, Lorena Dorn, Michael Sundquist, Nita Gopal, Pedro Mendez, William Kaiser

Others Present: Kathy Haskin

I. APPROVAL ORDER OF THE AGENDA

M/S/C (G. Brumley, P. Bettencourt) Move to approve the order of the Agenda.

15 Ayes, 0 Opposed, 0 Abstentions

II. APPROVAL OF MINUTES FOR MARCH 7, 2014

M/S/C (D. Brayman, G. Wray) Move to approve the Mar. 7, 2014 minutes.

15 Ayes, 0 Opposed, 0 Abstentions

III. NOTIFICATION ITEMS

Data Entry into CurricUNET/Piratesnet

E. Kerr mentioned with L. Borrelli's recommendation there were changes made to the CLOs for ART 125 and have been updated in CurricuNet and PiratesNet.

ART 125

IV. CLOs Originating Through Course Updates or Revisions

A. Status Reports

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

CMPGR 215 - Computer Illustration Software (11/1/13) (Paul)

P. Muncy mentioned there has been an update in language. E. Kerr will put on the agenda as a consent item for the next meeting.

MUST 141 - Musicianship and Guided Listening 1 (2/7/14) (Lynette) Still in process.

MUST 142 - Musicianship and Guided Listening 2 (2/7/14) (Lynette) Still in process.



MUST 143 - Musicianship and Guided Listening 3 (2/7/14) (Lynette) Still in process.
MUST 144 - Musicianship and Guided Listening 4 (2/7/14) (Lynette) Still in process.
PHILO 130: Political Philosophy (3/7/14) (Paul) Still in process.

THETR 154 - Dance Rehearsal and Performance 3 (2/7/14) (Lynette)
THETR 168 - Dance Rehearsal and Performance 4 (2/7/14) (Lynette)
It was mentioned that THETR 154 and THETR 168 has been changed and will be taken off the list.

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

1. Revised CLOs Pulled Previously - Ready for Approval

None at this time

2. NEW CLOs for Approval (includes March 4, March 18, and April 1, 2014 curriculum committee meetings)

CLOs pulled were: BUSAD 209.

M/S/C (G. Brumley, G. Wray) Motion to approve the remaining New CLOS with a Blanket approval.

15 Ayes, 0 Opposed, 0 Abstentions

ADJU - 232: Juvenile Justice Procedures

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

1. Explain juvenile crime causation factors.
2. Describe the differences between the adult court system and the juvenile court system.
3. Describe the concept of rehabilitation vs. punishment in the juvenile justice system.

CLO's Blanket approved for ADJU 232 by OAW, Apr. 4, 2014

BUSAD - 208: Introduction to International Business

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

1. Describe the increasing importance of a global perspective in business.
2. Compare the cultural differences that undergird international commerce.
3. Identify and analyze the social and ethical implications of international business.
4. Analyze the impact of technology on the development of an international business.

CLO's Blanket approved for BUSAD 208 by OAW, Apr. 4, 2014

BUSAD - 209: Import/Export Fundamentals

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



1. Explain the factors affecting the international environment for importing and exporting – including currency exchange, financing, documentation, contracts, transportation, payment terms, terms of trade, insurance, customs clearance, and security issues.
2. Explain the ethical concerns characteristic to an import/export business operation.
3. Develop a basic import/export (global business) plan.

It was moved and seconded to approve BUSAD 209.
M/S (J. Dorn, S. Gumm)

Discussion resulted in adding the word “Explain” to #2. *Explain* Customs clearance, and security issues.

M/S/C (J. Dorn, S. Gumm) Motion to approve BUSAD 209 with the word Explain added to CLO #2.

15 Ayes, 0 Opposed, 0 Abstentions.

Apr. 4, 2014, after the meeting, H. Townsend sent an email in regards to CurricuNet shows that BUSAD 209 was written with *Customs clearance and security issues* as a continuation of #1. She will make the “c” in Customs lower case and not include “*Explain*” before Customs.

The minutes reflect the correction also and show only 3 CLO’s for BUSAD 209.

BUSAD - 218: Business Law

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

1. Identify and distinguish criminal from (non-criminal) civil law, federal from state and local law.
2. Recognize legal problems that may arise from entering into contracts or being involved in civil tort actions and to recognize the relevant legal terminology.
3. "Brief" (summarize, outline) legal cases and analyze judge's decisions in federal and state court cases.
4. Recognize US Constitutional issues in court decisions.
5. Distinguish the functions of different courts at different levels, those of the lowest level courts at the federal and state level, the role of the appeals courts, and the role of the one high court in each system.

CLO’s Blanket approved for BUSAD 218 by OAW, Apr. 4, 2014

BUSAD - 248: Introduction to Business

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

1. Distinguish between leadership and management and identify key leadership styles in the context of organizational culture.
2. Evaluate the interrelationship and contribution of human resource management, marketing, production, and finance in meeting business objectives.
3. Evaluate the pros and cons of business ethics and social responsibility in relation to operational profitability.

CLO’s Blanket approved for BUSAD 248 by OAW, Apr. 4, 2014



BUSAD - 249ABCD: Business Internship

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

1. Evaluate his/her career goals in relationship to his/her educational progress.
2. Relate classroom theory to on-the-job situations.
3. Complete and document required hours of employment.
4. Demonstrate appropriate dress, interpersonal skills and work-ethic while on the job site.

CLO's Blanket approved for BUSAD 249ABCD by OAW, Apr. 4, 2014

BUSAD - 319: Payroll Accounting

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

1. Identify correct payroll principles as defined by current law as it relates to the payment of wages and salaries.
2. Analyze and solve problems associated with the calculation and reporting of payroll.
3. Accurately apply accounting principles to computerized and manual payroll systems.

CLO's Blanket approved for BUSAD 319 by OAW, Apr. 4, 2014

BUSAD - 320: Bookkeeping 2

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

1. Identify bookkeeping terminology.
2. Analyze and record accounting transactions and complete a full accounting cycle for a merchandising company.
3. Identify and assess ethical issues related to advanced bookkeeping topics.

CLO's Blanket approved for BUSAD 320 by OAW, Apr. 4, 2014

BUSAD - 336: Tax Accounting

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

1. Distinguish between income tax accounting and financial accounting and identify their interrelationship.
2. Prepare an income tax return for a wage earner who itemizes his/her deductions.
3. Identify reliable income tax resources and conduct research in order to answer individual income tax questions.

CLO's Blanket approved for BUSAD 336 by OAW, Apr. 4, 2014

BUSAD - 358: Advertising & Sales Promotion

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

1. Analyze and interpret situations, applying the principles and concepts of advertising and promotion.
2. Employ the language and vocabulary of advertising and promotion.
3. Explain the role advertising plays in the marketing mix.

CLO's Blanket approved for BUSAD 358 by OAW, Apr. 4, 2014



BUSAD - 364: Total Quality Management

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

1. List a variety of contemporary Total Quality tools.
2. Describe Six Sigma, Lean or another continual improvement method.
3. Explain the role of ethics and corporate social responsibility as they relate to quality management in today's corporate environment.

CLO's Blanket approved for BUSAD 364 by OAW, Apr. 4, 2014

BUSAD - 377: Human Relations in Business

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

1. Evaluate the impact of human relations problems on the employee, manager, organization, and client population.
2. Discuss current employment trends and career forecasts.
3. Identify and discuss human relations concepts and terminology.

CLO's Blanket approved for BUSAD 377 by OAW, Apr. 4, 2014

E. Kerr mentioned that ENGL 20 and ENGL 30 have not been approved in curriculum, but she pulled off the agenda for the Unit Value issue. She felt it didn't affect the CLO's and we should go ahead and get them approved.

ENGL - 20: Grammar Review

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

1. Identify, explain and analyze the parts of speech and their functions in sentences.
2. Apply conventions of capitalization and punctuation.
3. Identify and correct errors of usage, grammar, logic, and punctuation.

CLO's Blanket approved for ENGL 20 by OAW, Apr. 4, 2014

ENGL - 30: Basic English Skills

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

1. analyze and paraphrase/summarize reading selections;
2. write coherent essay-length compositions controlled by a clear thesis statement;
3. write sentences that adhere to conventions of standard English;

CLO's Blanket approved for ENGL 30 by OAW, Apr. 4, 2014

ENGL - 132: Introduction to World Literature 2

Upon 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 the mid-seventeenth century to the present.
2. describe genres, periods, and themes relevant to the study of world literature from the mid-seventeenth century to the present.



3. analyze and explain the literary, historical, and cultural significance of important works of world literature from the mid-seventeenth century to the present.

CLO's Blanket approved for ENGL 132 by OAW, Apr. 4, 2014

GEOG - 101: Physical Geography

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

1. Describe the geographical approach to analyzing earth features.
2. Utilize a map to identify global patterns and geographical features.
3. Analyze the human impact upon an earth system.

CLO's Blanket approved for GEOG 101 by OAW, Apr. 4, 2014

GEOG - 110: World Regional Geography

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

1. Describe and demonstrate the geographical approach as it applies to regional studies.
2. Identify and describe the major world regions based upon similarities and differences in culture, politics, history, economics, and the physical environment.
3. Analyze regional differences, predict areas of crisis, and propose policies appropriate to the region to reduce conflict.

CLO's Blanket approved for GEOG 110 by OAW, Apr. 4, 2014

MICRO - 101: Microbiology

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

1. Judge differences between different types of microorganisms.
2. Measure and evaluate how microorganisms grow and what factors influence their growth.
3. Describe how the host's immunity works to prevent disease and how the microorganisms interact with host cells.
4. Describe the principles of microbial metabolism and genetics and relate it to heredity.

CLO's Blanket approved for MICRO 101 by OAW, Apr. 4, 2014

MUSA - 121: Keyboard Skills 1

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

1. Play simple musical works at piano using both hands.
2. Play demonstrating command over musical concepts: rhythm, sound, articulation, balance
3. Translate notation from musical scores into playing, hands together, counting out loud.

CLO's Blanket approved for MUSA 121 by OAW, Apr. 4, 2014

MUST - 133: Aural Skills 3

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

1. Produce dictation of rhythms with triplets/duplets and syncopation in simple and compound meter signatures.



2. Prepare and sight sing melodies with triplets/duplets, syncopation, chromatic alterations, and modulation to closely-related keys.
3. Produce dictation of melodies in major and minor keys with chromatic alterations, and modulation to closely-related keys.

CLO's Blanket approved for MUST 133 by OAW, Apr. 4, 2014

OFADM 375

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

1. Input data using the numeric keypad at a minimum speed of 6000 strokes.

CLO's Blanket approved for OFADM 375 by OAW, Apr. 4, 2014

SUPR 351: Elements of Supervision

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

1. Explain the supervisor's responsibility for human resource functions.
2. Explain ethical issues relevant to supervision in the current business environment.

CLO's Blanket approved for SUPR 351 by OAW, Apr. 4, 2014

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

CMPSC 289 - Directory Services (2/7/14) (Paul)

CMPSC 294 - Computer Science Final Project (3/7/14) (Paul)

P. Muncy mentioned that it was requested that CMPSC 289 and CMPSC 294 be left as is. There is a plan to assess them in the future.

E. Kerr will pull these and put on the agenda for the next time as a notification item.

EHS 215: Landscape Design (11/1/13) (Gail) will be worked on, as it is on today's agenda.

HUMSR 103 - Introduction to Human Services Careers (2/7/14) (Eileen)

HUMSR 104 - Aging in America (2/7/14) (Eileen)

HUMSR 114 - Death and Dying (2/7/14) (Eileen)

HUMSR 118 - Pharmacology of Abused Substances (2/7/14) (Eileen)

HUMSR 142: Intro to Psychosocial Rehabilitation (12/6/13) (Eileen)

HUMSR 146 - Psychosocial Rehabilitation w/Children/Families (2/7/14) (Eileen)

HUMSR 198ABC - Special Topics (2/7/14) (Eileen)

HUMSR 349ABC - Work Experience (2/7/14) (Eileen)

HUMSR 40 - Independent Living Skills & Activities (2/7/14) (Eileen)



E. Kerr made a comment on the above Human Services courses. Kim Kennard is working on.

PEC 195: Weight Training (12/6/13) (Milan) M. Motroni had sent some revisions and B. Kaiser pulled at the Mar. 7th meeting. M. Motroni to clarify with B. Kaiser.

PHILO 135: Environmental Ethics (11/1/13) (Eileen) still in process

SOCIO 150: Ethnicity and Culture in America (12/6/13) (Eileen) still outstanding, need faculty instructor

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

CLOs pulled were: HUMSR 110, HUMSR 113, HUMSR 117 and HUMSR 120

M/S/C (K. Ennis, D. Brayman) Motion to approve the remainder of the Revised CLOs pulled previously – Ready for Approval with a Blanket approval.

15 Ayes, 0 Opposed, 0 Abstentions

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120.

Discussion resulted regarding the Demonstrate in each of the courses and was decided to return to the author for revision.

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120. Motion Failed.

0 Ayes, 15 Opposed, 0 Abstentions

HUMSR 101-Introduction to Human Services

Upon successful completion of the course, students will be able to:

1. Identify and describe the basic reasons for the development of social services in America.
2. Compare and contrast the role and functions played by private as well as public agencies.
3. Identify the wide varieties of paraprofessional positions
4. Describe the public welfare system, its relation to the industrial state, and the impact on individuals, families, groups, and communities.
5. Identify five community resources.

Revised CLO's Blanket approved for HUMSR 101 by OAW, Apr. 4, 2014

HUMSR 110-Introduction to Interviewing and Counseling

Upon successful completion of the course, students will be able to:

1. Outline the major variables affecting individuals in organizations, communities, groups, families, the workplace, and society at large.



2. Detail the process of client engagement, assessment, intervention, treatment, and aftercare.
3. Demonstrate an understanding of the one theoretical perspective, technique, and relation to the profession.
4. Describe how societal, environmental, emotional, and economic factors impact human behavior.

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120. Motion Failed.

HUMSR 111-Counseling in Chemical Dependency

Upon successful completion of the course, students will be able to:

1. Describe various theoretical approaches, techniques, interventions, and strategies as it pertains to chemical dependency, substance use, and abuse.
2. Identify issues and problems related to individuals, families, groups, cultures, ethnicities, special populations, and communities.
3. Develop appropriate preliminary assessments, evaluations, treatment plans, mental status examinations, genograms, and case records.

Revised CLO's Blanket approved for HUMSR 111 by OAW, Apr. 4, 2014

HUMSR 113-Co-occurring Disorders

Upon successful completion of the course, students will be able to:

1. Explain the relationship between alcohol/drug use and psychiatric symptoms.
2. Identify the categories and diagnostic criteria for mental and substance use disorders, and drug classification as outlined in the DSM-V.
3. Demonstrate an understanding of the therapeutic value of assessment, interviewing, experiential practice, and facilitation skills.

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120. Motion Failed.

HUMSR 116-Drugs and Alcohol in Society

Upon successful completion of the course, students will be able to:

1. Identify symptoms of chemical dependency, use, abuse, and problems commonly associated with the use of alcohol, tobacco, and other drugs.
2. Discuss the major treatment models, addiction, and theoretical paradigms used in the helping professions for addiction.
3. Evaluate drug and alcohol intervention and prevention strategies within the cultural context of the individual, family, group, and community.

Revised CLO's Blanket approved for HUMSR 116 by OAW, Apr. 4, 2014

HUMSR 117-Intervention and Treatment Strategies in Chemical Dependency

Upon successful completion of the course, students will be able to:



1. Distinguish between short and long term forms of intervention, and evaluate therapeutic strategies and theoretical orientations involved with both types of intervention.
2. Describe the role of family, group dynamics, and social support in determining treatment outcomes.
3. Demonstrate appropriate skills regarding chemical dependency treatment techniques, clinical interventions, assessment tools, and approaches.
4. Demonstrate an understanding of the Addiction Counseling Competencies of the profession.

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120. Motion Failed.

HUMSR 119-Introduction to Group Leadership and Group Process

Upon successful completion of the course, students will be able to:

1. Identify the different stages of group development, process, and explain the characteristics of each of the respective stages.
2. Detail the various types of groups, and the purposes and functions of each type of group.
3. Explain the therapeutic value of group methods, co-leadership, experiential practice, and facilitation skills.

Revised CLO's Blanket approved for HUMSR 119 by OAW, Apr. 4, 2014

HUMSR 120-Professional Development in the Helping Professions

Upon successful completion of the course, students will be able to:

1. Outline treatment modalities, client outcomes, confidentiality, patient rights, and other factors involved with a career in the helping profession.
2. Describe professional value, ethical conflicts, approaches, standards, and requirements.
3. Demonstrate understanding of the National Association of Social Work, Council of Human Service Education code of ethics, and addiction counseling competencies.
4. Identify clinical skills and theoretical paradigms required to work effectively in the Human Services and Chemical Dependency field.

M/S (G. Brumley, K. Ennis) Motion to approve HUMSR 110, HUMSR 113, HUMSR 117, and HUMSR 120. Motion Failed.

HUMSR 144-Community Agency Practicum

Upon successful completion of the course, students will be able to:

1. Identify factors affecting human interaction in individual, group, family, community, and workplace situations.
2. Describe one theoretical paradigm, and role in the helping relationship.
3. Discuss the relevance of empathy, active listening, engagement, diagnosis, assessment, intervention, treatment, counseling, social justice, aftercare, and termination.
4. Identify the structure, systems, and operation of their community service organization as well as problems met by that agency.

Revised CLO's Blanket approved for HUMSR 144 by OAW, Apr. 4, 2014



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

CLOs pulled were: AGM 251

M/S/C (P. Bettencourt, G. Wray) Motion to approve the remaining CLOS with a Blanket approval.

15 Ayes, 0 Opposed, 0 Abstentions

AGM - 211: Advanced Agricultural Welding

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

1. Identify samples of different metals commonly used in agriculture welding applications.
2. Demonstrate proper welding methods used to join various metals used in agriculture welding applications.
3. Pass an American Welding Society certification test.

CLO's Blanket approved for AGM 211 by OAW, Apr. 4, 2014

AGM - 212: Mechanical Systems Design & Evaluation 1

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

1. Analyze and select a proper drive system for a variety of equipment situations.
2. Design and assemble an off-highway vehicle.

CLO's Blanket approved for AGM 212 by OAW, Apr. 4, 2014

AGM - 213: Mech. Systems Design & Evaluation 2

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

1. Describe various methods used in agriculture equipment testing and evaluation.
2. Set up and analyze appropriate evaluation equipment for off-highway vehicles' performance.

CLO's Blanket approved for AGM 213 by OAW, Apr. 4, 2014

AGM - 235: Irrigation and Drainage

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

1. Identify and evaluate various irrigation methods.
2. Develop irrigation schedules for specific situations using crop evapotranspiration rates, soil moisture content, and irrigation method.

CLO's Blanket approved for AGM 235 by OAW, Apr. 4, 2014

AGM - 251: Farm Construction and Materials

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

1. Create a plan for common agriculture shop projects that includes a bill of materials and working drawings.
2. Construct an agriculture project.



M/S (P. Muncy, P. Bettencourt) Move to approve AGM 251.

Discussion resulted in making #2 Construct a common agriculture shop project.

M/S/C (P. Muncy, P. Bettencourt) Move to approve AGM 251 with the change

15 Ayes, 0 Opposed, 0 Abstentions

AGM - 262: Hydraulics/Pneumatics

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

1. Identify and explain the various components and functions of a complete hydraulic system.
2. Calculate hydraulic cylinder speeds and forces.

CLO's Blanket approved for HUMSR 144 by OAW, Apr. 4, 2014

ANSC - 241: Sheep Fitting and Showing

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

1. Select a prospect lamb using standard criteria.
2. Feed a lamb so it properly attains market weight.
3. Train and fit sheep for exhibition.

CLO's Blanket approved for ANSC 241 by OAW, Apr. 4, 2014

ANSC - 243: Equine Fitting and Showing

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

1. Select a horse using standard selection criteria.
2. Feed an equine so it properly attains and maintains the proper weight.
3. Train and fit equine for exhibition.

CLO's Blanket approved for ANSC 243 by OAW, Apr. 4, 2014

ANSC - 258: Beginning Horsemanship

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

1. Demonstrate beginning equine handling, safety and riding techniques.
2. Describe basic equine behavior.

CLO's Blanket approved for ANSC 258 by OAW, Apr. 4, 2014

ANSC - 259: Pack Animal - Walk/Ride

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

1. Demonstrate common techniques utilized in the packing industry.
2. Demonstrate common safety procedures employed in the packing industry.

CLO's Blanket approved for ANSC 259 by OAW, Apr. 4, 2014



ANSC - 260: Advanced Horsemanship

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

1. Demonstrate advanced level riding ability in a riding arena situation.
2. Demonstrate advanced level equine safety techniques.

CLO's Blanket approved for ANSC 260 by OAW, Apr. 4, 2014

ANSC - 265: Introduction to Colt Training

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

1. Demonstrate techniques in handling and training the green horse.
2. Identify common equine tack.

CLO's Blanket approved for ANSC 265 by OAW, Apr. 4, 2014

EHS - 235: Plant Propagation/Production

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

1. Implement various strategies of plant propagation, including asexual techniques, seeding, cuttings, budding and grafting.
3. Analyze cultural considerations of nursery stock production.

CLO's Blanket approved for EHS 235 by OAW, Apr. 4, 2014

AGM 200 Introduction to Mechanical Technology

1. Create a basic woodworking project.
2. Create a basic metalworking project.

CLO's Blanket approved for AGM 200 by OAW, Apr. 4, 2014

AGM 210 Agricultural Welding

1. Perform a series of arc welds meeting industry standards.
2. Perform a series of oxy-fuel welds meeting industry standards.

CLO's Blanket approved for AGM 210 by OAW, Apr. 4, 2014

AGM 214 Equipment Service and Safety

1. Identify and correct common agriculture production hazards.
2. Operate lift trucks in a safe manner

CLO's Blanket approved for AGM 214 by OAW, Apr. 4, 2014

AGM 215 Machinery Management

1. Perform basic oil changes, cooling system change and battery system maintenance and maintain the appropriate maintenance procedures.
2. Perform a safety inspection and properly fill out the appropriate forms and paperwork.



CLO's Blanket approved for AGM 215 by OAW, Apr. 4, 2014

AGM 220 Industrial/Agricultural Machinery

1. Perform a standard pre-operation safety inspection.
2. Operate a variety of industrial/agricultural machinery.

CLO's Blanket approved for AGM 220 by OAW, Apr. 4, 2014

AGM 221 Equipment Diagnosis & Repair

1. Diagnose common diesel engine failures.
2. Repair common diesel engine failures.

CLO's Blanket approved for AGM 221 by OAW, Apr. 4, 2014

AGM 225 Principles of Electrical Wiring

1. Design, construct and install common residential/agricultural branch circuits per industry standards.
2. Evaluate the machine needs and requirements of an electrical motor and order a suitable replacement motor.

CLO's Blanket approved for AGM 225 by OAW, Apr. 4, 2014

AGM 230 Field Surveying

1. Perform note-taking conforming to industry standards.
2. Solve common surveying problems meeting industry standards.

CLO's Blanket approved for AGM 230 by OAW, Apr. 4, 2014

AGM 240 Truck and Tractor Power Trains

1. Describe common truck and tractor power transfer methods used in modern heavy machinery.
2. Diagnose and repair common heavy equipment transmissions, gear boxes and axles.
3. Disassemble and reassemble heavy equipment transmissions, gear boxes, and axles.

CLO's Blanket approved for AGM 240 by OAW, Apr. 4, 2014

AGM 241 Diesel Engine Principles

1. Describe diesel engine operation principles used on compression ignition engines.
2. Interpret and complete a standard industry job request involving diesel engines.

CLO's Blanket approved for AGM 241 by OAW, Apr. 4, 2014

AGM 242 Diesel Engine Overhaul

1. Diagnose, test, and repair a heavy duty diesel engine used in the agricultural industry.



2. Disassemble and reassemble a heavy-duty diesel engine used in the agricultural industry.
3. Interpret and complete a standard agricultural industry work order relating to diesel engine repair.

CLO's Blanket approved for AGM 242 by OAW, Apr. 4, 2014

AGM 243 Heavy Machinery Electrical Systems

1. Test, adjust, and replace common heavy machinery electrical systems to industry standards.

CLO's Blanket approved for AGM 243 by OAW, Apr. 4, 2014

AGM 245 Diesel Engine Fuel Systems & Diagnosis

1. Identify the common types of modern diesel fuel injection systems.
2. Describe the common components of diesel fuel injection systems.
3. Diagnose and repair common problems in modern diesel fuel injection systems.

CLO's Blanket approved for AGM 245 by OAW, Apr. 4, 2014

AGM 280 Mobile Machinery Hydraulic Systems

1. Test, adjust, and replace common heavy machinery hydraulic systems to industry standards.

CLO's Blanket approved for AGM 280 by OAW, Apr. 4, 2014

AGM 289 Principles of Power Mechanics/Sm Engines

1. Describe engine operating principles used on spark ignition engines.
2. Diagnose and repair a small gas engine and its systems.

CLO's Blanket approved for AGM 289 by OAW, Apr. 4, 2014

AGM 50 Preparation for Mechanical Technology

1. Use various measurement and layout devices.
2. Identify common tools used in various shop applications.

CLO's Blanket approved for AGM 50 by OAW, Apr. 4, 2014

ANSC 200 Introduction to Animal Science

1. Identify and describe animal behaviors as they relate to animal domestication, health, and performance.
2. Utilize the scientific method to collect data, calculate livestock production parameters, and make scientifically based management decisions.



CLO's Blanket approved for ANSC 200 by OAW, Apr. 4, 2014

ANSC 201 Beef Cattle Science

1. Identify beef breeds and discuss their primary strengths and weaknesses.
2. Differentiate between common types of beef operations.
3. Discuss the relationship between consumer-packer-retailer.
4. Demonstrate practical husbandry techniques used in the beef industry.

CLO's Blanket approved for ANSC 201 by OAW, Apr. 4, 2014

ANSC 202 Swine Science

1. Identify swine breeds and discuss their primary strengths and weaknesses.
2. Differentiate between common types of swine operations.
3. Discuss the relationship between consumer-packer-retailer.
4. Demonstrate practical husbandry techniques used in the swine industry.

CLO's Blanket approved for ANSC 202 by OAW, Apr. 4, 2014

ANSC 203 Sheep Science

1. Identify sheep breeds and discuss their adaptability to various climatic conditions.
2. Differentiate between common types of sheep operations.
3. Discuss the relationship between consumer-packer-retailer.
4. Demonstrate practical husbandry techniques used in the sheep industry.

CLO's Blanket approved for ANSC 203 by OAW, Apr. 4, 2014

ANSC 207 Equine Science

1. Describe the methodologies involved in raising, handling, and caring for equine.
2. Diagnose and describe major diseases specific to equine.
3. Treat and provide prevention protocols for major equine diseases.

CLO's Blanket approved for ANSC 207 by OAW, Apr. 4, 2014

ANSC 209 Equine Breeding & Reproduction

1. Explain the reproductive cycle of mares and stallions.
2. Describe common breeding techniques within the equine industry.

CLO's Blanket approved for ANSC 209 by OAW, Apr. 4, 2014

ANSC 210 Livestock Selection & Evaluation

1. Evaluate and place a class of each major livestock species using current commercial standards.
2. Provide an oral argument for the placement of a class of livestock.



3. Compare and contrast the relationship between carcass yield and quality grades for all major species of commercial livestock.

CLO's Blanket approved for ANSC 210 by OAW, Apr. 4, 2014

ANSC 212 Advanced Livestock Selection and Carcass Evaluation

1. Identify and explain the adverse consequences of common structural defects of livestock.
2. Place classes of livestock based upon the assessment of performance data and phenotype.
3. Deliver a logical oral argument to justify the placing of a class of livestock.

CLO's Blanket approved for ANSC 212 by OAW, Apr. 4, 2014

ANSC 214 Livestock Feeding and Nutrition

1. Identify and describe the function of each anatomical feature of the digestive systems of livestock.
2. Describe the nutrient needs for production, gain, reproduction, and maintenance relating to various ages and species of livestock.
3. Explain the importance of livestock comfort to efficient nutrient utilization.

CLO's Blanket approved for ANSC 214 by OAW, Apr. 4, 2014

ANSC 215 Animal Health and Sanitation

1. Identify and describe the location and function of the major body organ systems of livestock.
2. Explain common biosecurity procedures used in the livestock industry to prevent the spread of disease.
3. Create and implement a "Health Program" for an identified livestock species.

CLO's Blanket approved for ANSC 215 by OAW, Apr. 4, 2014

ANSC 217 Advanced Breeding & Artificial Insemination

1. Artificially inseminate a cow.
2. Identify and discuss the function of bovine reproductive anatomy.

CLO's Blanket approved for ANSC 217 by OAW, Apr. 4, 2014

ANSC 220 Dairy Industry/Dairy Science

1. Identify and discuss the various attributes of recognized U.S. dairy breeds.
2. Discuss the history and principles of the dairy industry.

CLO's Blanket approved for ANSC 220 by OAW, Apr. 4, 2014



ANSC 221 Dairy Cattle Selection & Evaluation

1. Identify, describe, and evaluate dairy cattle based on the official dairy cattle scorecard.
2. Rank several classes of dairy animals using the PDCA Dairy Cattle Scorecard.

CLO's Blanket approved for ANSC 221 by OAW, Apr. 4, 2014

ANSC 222 Milk Production & Technology

1. Identify the major parts of the bovine mammary gland and discuss the function of each.
2. Discuss milk contamination, the chemical composition of milk, infections of the mammary gland, proper milking procedure, and health management in the dairy cow.

CLO's Blanket approved for ANSC 222 by OAW, Apr. 4, 2014

ANSC 226 Dairy Breeding & Selection

1. Describe genetic principles including basic inheritance and selection techniques.
2. Discuss the reproductive process in livestock.

CLO's Blanket approved for ANSC 226 by OAW, Apr. 4, 2014

ANSC 227 Advanced Dairy Cattle Selection & Eval

1. Identify, describe, and evaluate dairy cattle based on the official dairy cattle scorecard.
2. Evaluate replacement dairy heifers as related to potential herd improvement for milk production and/or type.

CLO's Blanket approved for ANSC 227 by OAW, Apr. 4, 2014

ANSC 228 Dairy Management

1. Explain the major principles of dairy management, including management styles and facility requirement, cultural inputs, physical improvements and function, business planning, labor relations, and record keeping.
2. Create a modernization plan for a dairy including a comprehensive evaluation, recommendations, and cost projections.

CLO's Blanket approved for ANSC 228 by OAW, Apr. 4, 2014

ANSC 230 Poultry Science

1. Identify common poultry breeds and production methods utilized in the poultry industry.
2. Discuss production parameters associated with the poultry industry.

CLO's Blanket approved for ANSC 230 by OAW, Apr. 4, 2014

ANSC 232 Avian Practices



1. Prepare brooding equipment and facilities for a flock of meat birds or egg layers.
2. Recognize and explain alternative methods of poultry production.

CLO's Blanket approved for ANSC 232 by OAW, Apr. 4, 2014

ANSC 236 Poultry Breeding & Selection

1. Identify, describe, and compare common poultry breeds.
2. Evaluate and select commercial laying hens, backyard fowl and other fowl.
3. Incubate and hatch eggs.
4. Troubleshoot common problems in poultry breeding.

CLO's Blanket approved for ANSC 236 by OAW, Apr. 4, 2014

ANSC 240 Beef Fitting and Showing

1. Select a beef animal using standard criteria.
2. Identify proper feeds and feeding methods for a beef animal.
3. Train and fit steers or heifers for exhibition.

CLO's Blanket approved for ANSC 240 by OAW, Apr. 4, 2014

ANSC 242 Swine Fitting and Showing

1. Select a prospect barrow or gilt using standard criteria.
2. Feed a swine so it properly attains market weight.
3. Train and fit swine for exhibition.

CLO's Blanket approved for ANSC 242 by OAW, Apr. 4, 2014

ANSC 244 Dairy Fitting and Showing

1. Select a dairy heifer using standard criteria.
2. Feed a dairy heifer so it attains and maintains proper weight.
3. Train and fit dairy cattle for exhibition.

CLO's Blanket approved for ANSC 244 by OAW, Apr. 4, 2014

ANSC 245 Meat Goat Fitting and Showing

1. Select a prospect goat using standard criteria.
2. Feed a goat so it properly attains market weight.
3. Train and fit a goat for exhibition.

CLO's Blanket approved for ANSC 245 by OAW, Apr. 4, 2014

ANSC 250 Veterinary Physiology, Anatomy, & Terminology

1. Identify and describe the location and function of the major organ systems in the body.
2. Define medical, and anatomical, pharmaceutical and surgical terminology that is commonly used in the veterinary field.



CLO's Blanket approved for ANSC 250 by OAW, Apr. 4, 2014

ANSC 251 Veterinary Pharmacy Procedures

1. Calculate doses of medication for any given animal based on a veterinarian's instructions.
2. Describe potential drug interactions.
3. Identify symptoms that may appear in a patient during negative drug interactions.

CLO's Blanket approved for ANSC 251 by OAW, Apr. 4, 2014

ANSC 252 Veterinary Equipment: Operation, Instrumentation, and Safety

1. Maintain common instruments and equipment utilized in a veterinary practice.
2. Identify and operate common instruments and equipment found in a veterinary practice.
3. Utilize common safety measures and precautions required in a veterinary practice.

CLO's Blanket approved for ANSC 252 by OAW, Apr. 4, 2014

ANSC 253 Veterinary Laboratory Procedures

1. Identify and describe common veterinary diagnostic procedures.
2. Explain how diagnostic procedures may relate to animal well-being

CLO's Blanket approved for ANSC 253 by OAW, Apr. 4, 2014

ANSC 254 Veterinary Medical Office Procedures

1. Perform common veterinary office procedures.
2. Demonstrate good customer service practices utilized in a veterinary office.

CLO's Blanket approved for ANSC 254 by OAW, Apr. 4, 2014

ANSC 255 Preparation for Veterinary Surgical and Dental Assistance

1. Identify and describe common dentistry practices in veterinary technology.
2. Identify and describe common surgical practices in veterinary technology.

CLO's Blanket approved for ANSC 255 by OAW, Apr. 4, 2014

ANSC 256 Veterinary Assistance & Nursing: Emergency Procedures

1. Identify and analyze normal, abnormal and problematic behavior in animals.
2. Identify and describe emergency procedures and practices utilized in veterinary medicine to stabilize patients

CLO's Blanket approved for ANSC 256 by OAW, Apr. 4, 2014



ANSC 257 Veterinary Assistance and Nursing: Animal Handling

1. Explain the importance of restraint in terms of preventing zoonotic disease transmission.
2. Identify and compare several methods of animal restraint.
3. Restrain canine, feline, and exotic animals.

CLO's Blanket approved for ANSC 257 by OAW, Apr. 4, 2014

ANSC 50 Preparatory Animal Science

1. Identify the major breeds of each livestock species.
2. Demonstrate practical husbandry practices of each livestock species.

CLO's Blanket approved for ANSC 50 by OAW, Apr. 4, 2014

ANSC 55 Introduction to Veterinary Technology

1. Demonstrate basic knowledge of anatomy and physiology for an entry-level position at a veterinary hospital.
2. Explain the job responsibilities required of a veterinary technician.
3. Describe the steps required to obtain an RVT license in California.

CLO's Blanket approved for ANSC 55 by OAW, Apr. 4, 2014

EHS 201 Plant Identification & Usage 1

1. Identify and describe the cultural characteristics of the Spring plant list.
2. Identify and explain the function of a variety of specific plant descriptors.

CLO's Blanket approved for EHS 201 by OAW, Apr. 4, 2014

EHS 202 Plant Identification & Usage 2

1. Identify and describe the cultural characteristics of the Fall plant list.
2. Identify and explain the function of a variety of specific plant descriptors.

CLO's Blanket approved for EHS 202 by OAW, Apr. 4, 2014

EHS 210 Introduction to Environmental Horticulture Science

1. Demonstrate cutting preparation, soil preparation, transplanting, pruning, seed planting and plant watering techniques.
2. Identify and explain the function of the various physiological and structural components of a plant.

CLO's Blanket approved for EHS 210 by OAW, Apr. 4, 2014

EHS 215 Landscape Design



1. Create and present original landscape designs designed to apply the design process to solving real-life landscape design problems.

CLO's Blanket approved for EHS 215 by OAW, Apr. 4, 2014

EHS 220 Turfgrass Management

1. Explain the major factors controlling production of quality turfgrass.
2. Create a permanent reference collection of turfgrass and weed samples

CLO's Blanket approved for EHS 220 by OAW, Apr. 4, 2014

EHS 276 Landscape Maintenance

1. Create a monthly schedule of landscape maintenance activities for the year.
2. Perform skills related to the landscape maintenance industry i.e. pruning, staking, mowing, edging, planting trees, shrubs and bedding plants.

CLO's Blanket approved for EHS 276 by OAW, Apr. 4, 2014

EHS 291 EHS Teaching Strategies

1. Design and prepare a school garden that will support the instructional concepts for a school.
2. Propagate plants using both sexual and asexual techniques.

CLO's Blanket approved for EHS 291 by OAW, Apr. 4, 2014

EHS 50 Beginning Ornamental Gardening

1. Identify plant, flower and foliage material used in gardening.
2. Explain the major principles of garden design.
3. Design a garden.

CLO's Blanket approved for EHS 50 by OAW, Apr. 4, 2014

EHS 51 Environmental Horticulture

1. Describe the basic facets of plant physiology.
2. Describe the various components of the horticulture industry.

CLO's Blanket approved for EHS 51 by OAW, Apr. 4, 2014

EHS 56 Preparatory Park & Landscape Maintenance

1. Prepare a planting site and install trees, shrubs, annuals, perennials and ground covers.
2. Perform basic pruning techniques on deciduous, broadleaf, coniferous trees and shrubs.

CLO's Blanket approved for EHS 56 by OAW, Apr. 4, 2014



EHS 58 Preparatory Floral Design

1. Identify plant, flower and foliage material used in floral creations.
2. Create a floral arrangement utilizing principles and elements of design theory arrangement.

CLO's Blanket approved for EHS 58 by OAW, Apr. 4, 2014

PLSC 200 Introduction to Plant Science

1. Analyze and discuss plant physiology.
2. Describe photosynthesis and respiration.

CLO's Blanket approved for PLSC 200 by OAW, Apr. 4, 2014

PLSC 205 Field Crops

1. Create a nutrient program for several different field crops.
2. Design and implement a field preparation plan for several different field crops.
3. Design and implement a harvest plan for several different field crops.

CLO's Blanket approved for PLSC 205 by OAW, Apr. 4, 2014

PLSC 215 Vegetable Crops

1. Create a nutrient program for several different vegetable crops.
2. Design and implement a field preparation plan for several different vegetable crops.
3. Design and implement a harvest plan for several different vegetable crops.

CLO's Blanket approved for PLSC 215 by OAW, Apr. 4, 2014

PLSC 230 Fruit Science

1. Design and install a new orchard.
2. Evaluate and make recommendations on an existing orchard.
3. Evaluate a tree and prune it so it will produce at its maximum potential.

CLO's Blanket approved for PLSC 230 by OAW, Apr. 4, 2014

PLSC 241 Viticulture

1. Design and install a new vineyard.
2. Evaluate and make recommendations on an existing vineyard.

CLO's Blanket approved for PLSC 241 by OAW, Apr. 4, 2014

PLSC 250 Plant Nutrition and Fertilizer

1. Design and implement a nutrient program for an individual crop.
2. Design a nutrient program to correct an identified deficiency in an individual crop.

CLO's Blanket approved for PLSC 250 by OAW, Apr. 4, 2014



PLSC 255 Plant Pest Control

1. Design and implement an IPM (Integrated Pest Management) program to control or eradicate a pest or pests.
2. Identify and analyze various pest control strategies.
3. Set up, calibrate, and use standard pest control equipment.

CLO's Blanket approved for PLSC 255 by OAW, Apr. 4, 2014

PLSC 260 Plant Disease Control

1. Identify, classify and describe common plant diseases.
2. Write laboratory reports.
3. Develop a complete disease management plan for a central valley crop.

CLO's Blanket approved for PLSC 260 by OAW, Apr. 4, 2014

V. ACTION/DISCUSSION ITEMS

P. Muncy mentioned he informally brought up to Chad Redwing and Flora Carter about HUMAN 105 and they sent back a different wording and requested it be put through. P. Muncy to send to E. Kerr and it will be put on the next agenda.

1. Training/Workday 3/28/14 and 5/6/14 (Eileen)

E. Kerr mentioned there was a training and work day on Mar. 28th. M. Motroni and P. Muncy attended and E. Kerr was able to walk them through how to do an assessment and short best practice ideas about how to do the analysis and action plan. She has scheduled another work day for May 6, 2014, 9:00 am, FH 114. She would like faculty who have Spring assessments due, and are ready for input; E. Kerr would like to be able to go through the steps and go through any issues.

There was discussion about the next training/working day on May 6, 9 – 10, possibly having 1 hour to work with reps, discuss next year's plans, think and talk about what we do with faculty when we are not at our meetings, and what tools are needed to help people do assessment as well as PLO, ILO and GELO assessment. From 10 – 12 would be work time for faculty who are entering fall/spring data. E. Kerr will send out a reminder.

2. Fall Training for Reps (Eileen)

E. Kerr would like to keep an open door for work day trainings. There was discussion about doing some training as flex to get faculty interested in attending; one for full time faculty and one for adjuncts.

K. Ennis mentioned that she would like to see across discipline discussions and conversations with other people.



May 6, 2014 - Workday for Spring 2014 CLO assessment and PLO/GELO/ILO assessment
August 19, 2014 - Fall Training for Reps
August 20, 2014 - Fall Training for Faculty doing assessment in Fall 2014
October 24, 2014 - Training for Faculty doing CLO/PLO/GELO/ILO assessment in Spring 2015
January 7 and/or 23, 2015 - Workday for completing Fall 2014 assessments
May 5, 2015 - Workday for completing Spring 2015 assessments

3. PLO/GELO/ILO Assessment Updates (James)

J. Todd explained the PLO/ILO/GELO assessment process that was piloted with AUTECH. Data gathered from CLOs and reported in CurricUNET will be entered into spreadsheets that cross-match CLOs to relevant PLO/ILO or GELOs. James said he is working to create spreadsheet 'grids' for all programs due for PLO/ILO/GELO assessment so they can enter their CLO data.

The data will be used to create a set of PLO/ILO/GELO reports. The first pilot, he explained, had six separate reports, which was found to be too difficult, so he has streamlined it to two or three sets of questions: one for programs, one for general ed outcomes and one for institutional outcomes.

James says that hopefully by next week he will be able to begin this new process with a new cohort of disciplines.

4. Program Review (James)

J. Todd will ask Brian and Susan to roll in the new data and that we will have to use Word documents to do Program Review for the moment. A new module is being developed in CurricUNET.

5. Meeting Schedule for 2014-2015

E. Kerr set up a proposed meeting schedule for 2014-2015, 12:30 – 2:30 pm. Rooms to be set up and invites sent out at a later date.

September 5, 2014
October 3, 2014
November 7, 2014
December 5, 2014
February 6, 2015
March 6, 2015
April 3, 2015
May 1, 2015 (workday/meeting)

Adjourned at 1:40 p.m.