

**PASADENA CITY COLLEGE
CURRICULUM AND INSTRUCTION COMMITTEE
MINUTES OF MEETING
THURSDAY, OCTOBER 27, 2016**

CALLED TO ORDER: 1:27 p.m.

CO-CHAIRPERSONS: Janis Dwyer
Alicia Vargas

The following Curriculum and Instruction Committee members were present:

FACULTY CHAIRPERSONS

Janis Dwyer
Alicia Vargas

INSTRUCTIONAL UNITS

Jeffrey Hupp, Counseling and Career Services
Ruoyi Wu, English
Walter Butler, Library
Karyn Skiathitis, Health Sciences
Lindsey Ruiz, Languages
Sharon Bober, Mathematics
Kerin Huber, Natural Science
Mariella Baldo, Noncredit
Brad Steed, Performing and Communication Arts
Charlotte Williams, Social Science

DIVISION DEANS

Barbara, Freund, Applied Arts
Rocco Cifone, Career and Technical Education
Carrie Starbird, Natural Science
James Arnwine, Fine Arts **STUDENTS**
Aria Beizai, ASB Representative

MEMBERS EX-OFFICIO

Armando Duran, Counseling/Student Success Services
Homa Nelson, Classified Senate
Edward Martinez, Interim Articulation Officer
Katie Datko, Distance Education

RESOURCE EXPERTS

None

VISITORS

Melissa Anderson
Robert Oventile
Joseph Futtner
Beverly Legg
Marylynn Aguirre
Kwan Ho Ryan Chen

I. WELCOME

Self-introductions were made.

In accordance with the Ralph M. Brown Act and SB 751, the minutes of the Curriculum and Instruction Committee of Pasadena City College record the votes of all committee members as follows: (1) Members not present are presumed not to have voted; (2) the names of members of minority or abstaining votes are recorded; (3) all other members are presumed to have voted in the majority.

II. PUBLIC COMMENT

None.

III. APPROVAL OF MINUTES

Meeting Minutes for October 20, 2016

Corrections – 1) Add Alicia to list, 2) SOSOC 017 – Homa Nelson abstained.

ON MOTION by Karyn Skiathitis and seconded by Ruoyi Wu, the committee voted unanimously to approve the minutes of meeting 5.

IV. COMMITTEE DISCUSSION (with vote)

ON MOTION by Katie Datko and seconded by Sharon Bober, the committee voted unanimously to approve the modification of ASTR 001.

Discussion: Karyn Skiathitis asked about the use of “know” in the SPOs. Math 139 has been removed as a prerequisite.

ON MOTION by Karyn Skiathitis and seconded by Brad Steed, the committee voted to approve the modifications of CHEM 001A and CHEM 001B.

ON MOTION by Katie Datko and seconded by Walter Butler, the committee voted unanimously to approve the modification of GEOG 001L.

ON MOTION by Walter Butler and seconded by Karyn Skiathitis, the committee voted unanimously to approve the modification of MICR 002.

ANAT 025 was pulled from the agenda, moved back to author level, abandoned.

V. COMMITTEE DISCUSSION

Beverly Legg discussed modifications to the Dental Hygiene program, to meet January 2015 legislation.

Marylynn Aguirre and Karyn Skiathitis discussed changes to the Registered Nursing program.

The chairs asked the committee to find out from their respective departments what C&I could expect for review this coming spring. We know that Languages needs to review contact hours/units for several classes. Social Sciences has requested *not* to go first.

VI. ANNOUNCEMENTS

Ruoyi Wu announced the Theater in London program which will take place during spring break. Everyone is welcome.

VII. ADJOURNMENT

ON MOTION by Edward Martinez and seconded by Ruoyi Wu, the meeting adjourned at 2:35 p.m.

ADDENDUM

NATURAL SCIENCES

Modification – SLOs, SPOs, CCOs, addition of MOIs, MOEs, assignments, prereq (delete Math 139), delete recommended preparation – Effective Summer 2017

ASTR 001

4 units

Prerequisite: *Math 131.*

Methods of investigation used by astronomers. Positional and practical astronomy, dynamical astronomy and modern astrophysics. Use of instruments, techniques of observation. **Night lab** occasionally substitutes for a lecture period. Total of 54 hours lecture and 36 hours laboratory.

Transfer Credit: CSU; UC credit limitations. See counselor.

Rationale: General 5 year update. Modification of SLOs, SPOs, CCOs, addition of MOIs, MOEs, assignments, delete Math 139 as a prereq, delete recommended preparation.

Modification – SLOs, SPOs – Effective Summer 2017

CHEM 001A

5 units

Prerequisite: *1) Math 131 or its equivalent, and (2) Chem 022 or equivalent skills as demonstrated through placement based on the chemistry assessment process.*

Standard general chemistry for science and engineering majors, with emphasis on quantitative methods and calculations. Atomic structure and chemical bonding, stoichiometry, gases, liquids, solids and solution chemistry. Introductions to equilibrium and organic chemistry. Quantitative analysis using analytical balances, gravimetric and volumetric procedures, spectrophotometry and calorimetry. Total of 54 hours lecture and 108 hours laboratory.

*Transfer Credit: CSU; UC credit limitations. See counselor. *C-ID: CHEM 110; CHEM SEQ 120S (with CHEM 001B*

Modification – SLOs, SPOs, content, MOIs, MOEs, assignment, texts – Effective Summer 2017

CHEM 001B

5 units

Prerequisite: *Chem 001A.*

Standard general chemistry for science and engineering majors, with emphasis on quantitative methods and calculations. Kinetics, equilibrium, thermodynamics, introduction to electrochemistry, coordination compounds, nuclear chemistry, and the chemistry of selected metals and nonmetals, potentiometric titrations and electrochemical cells. Total of 54 hours lecture and 108 hours laboratory.

Transfer Credit: CSU; UC credit limitations. See counselor. C-ID: CHEM SEQ 120S

Rationale: COR was updated as part of the regular review cycle. Changes were made to SLO's, SPO's, CCO's, MOI's, MOE's, and assignments. Text book was updated. Additions were made to Resources and Planning section.

Modification – SLOs, SPOs, MOIs, MOEs, assignment, contact hours, update Distance Education– Effective Summer 2017

GEOG 001L PHYSICAL GEOGRAPHY LABORATORY

1 unit

Prerequisite: *Enrollment in or completion of Geog 001.*

Observation and interpretation of meteorological phenomena including statistical analysis of climatic data. Cartographic techniques and map interpretation. Global patterns of the biosphere, hydrosphere and lithosphere, showing their regional interrelationships. **Required** instructional trips. Total of 54 hours laboratory.

Transfer Credit: CSU, UC. C-ID: GEOG 111

Rationale: 1. Reviewing this course outline as it was last approved in 2010. Renumbered SPO's in correct format, Updated textbook. 2. Review form D as it was last approved in 2010.

Modification to SLO #1, addition of MOIs, MOEs, modification of assignments, modification of contact hours (from 18 lec/36 lab to 54 lab).

Modification – SLOs, SPOs, MOIs, MOEs, prereq (remove BIOL 105), update Distance Education – Effective Summer 2017

MICR 002 MICROBIOLOGY

4 units

Prerequisite: *Chem 002A or Chem 022 or Chem 001A, or placement based on the biochemistry assessment process.*

Recommended Preparation: *Biol 003 or 011.*

Structure and function of bacteria, viruses, fungi, protozoa and algae. Elements of microbial physiology, genetics, control and nutrition; epidemiology; immunology and allergy. Survey of microbial infections. Aseptic techniques. Total of 54 hours lecture and 72 hours laboratory.

Transfer Credit: CSU; UC

Rationale: This proposal is to update our Form D so that Microbiology can continue to be offered in the hybrid format. Modification to SLOs, SPOs aligned with SLOs, addition of MOI, MOEs. Modification of prereq (remove BIOL 105).