



IMPERIAL VALLEY COLLEGE
Science Department
Tuesday, March 18, 2014 11:50 a.m.
Room #2721

Mission: The mission of Imperial Valley College is to foster excellence in education that challenges students of every background to develop their intellect, character, and abilities; to assist students in achieving their educational and career goals; and to be responsive to the greater community

Minutes

Members in attendance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Alto Benedicto | <input type="checkbox"/> Tina Aguirre, Dean |
| <input checked="" type="checkbox"/> Eddie Chang | <input checked="" type="checkbox"/> Thomas Morrell |
| <input checked="" type="checkbox"/> Andrew Chien | <input checked="" type="checkbox"/> Susan Moss |
| <input type="checkbox"/> Alex Cozzani | <input checked="" type="checkbox"/> Patrick Pauley |
| <input checked="" type="checkbox"/> Samuel David | <input type="checkbox"/> Nan Everly |
| <input checked="" type="checkbox"/> Jim Fisher | <input type="checkbox"/> Grace Espinoza |
| <input checked="" type="checkbox"/> Daniel Gilison | <input type="checkbox"/> Said Cañez, Counseling Liaison |
| <input checked="" type="checkbox"/> Russell Lavery | |
| <input type="checkbox"/> Kevin Marty | |

Guests:

Sydney Rice, SLO Coordinator

Recorder: Ofelia Duarte

- A. Call to Order by Daniel Gilison, SME Department Chair @ 12:00 p.m.
- B. Review and Approval of Minutes of February 18, 2014 were approved unanimously M/S/C
A. Benedicto/J. Fisher
- C. **New Discussion**
 - D. Gilison discussed new template for all committee meetings.
 - ✓ Minutes for all committees, including departmental meetings, should look similar to each other so when we do accreditation it's easier to find the information within the minutes.
 - a. **Student Awards**
 - ✓ Science has three areas:
 - i. **Agriculture/Environmental Science**
 - ii. **Life Science**
 - iii. **Physical Science**
 - ✓ Spring Awards Banquet is Friday, May 9th.

- ✓ Two students up for SME department award. Will ask Tina to set up election on survey monkey.
- ✓ Reminded faculty that if they nominate winning student they need to present award. Also need to submit brief description of nominated student just in case someone else needs to present.
- ✓ Student Affairs' due date to submit names to Student Affairs is Tuesday, March 25th. He strongly recommends faculty send him nomination list for the three science areas by Friday, March 21st so he can send out to vote.

b. Changing Course Offering Patterns

i. BIOL 200, 202, 204, 206

- ✓ D. Gilson discussed ideas he has on what he would like to see happen and also wants faculty to talk about what they think and maybe make changes down the road.
- ✓ Discussed current course offering for 200 level Bio (Anatomy & Phys).
- ✓ Most academic years for fall and spring we offer two sections of A&P I, one section of A&P II, two of Anatomy and one of Physiology. Reason being is you need A&P I to get into A&P II and Anatomy to get into Physiology.
- ✓ Administration and Nursing feel we need to offer more anatomy and physiology courses.
- ✓ This summer we're offering A&P I and Anatomy.
- ✓ Fall 14 and Spr 15 we're offering two sections of each. T. Morrell and S. Moss have agreed to increase their work load and teach these classes.
- ✓ For winter and summer we'll offer one section of Anatomy and one of Anatomy and Physiology I.
- ✓ This pattern increases the number of first course from 4 to 6 sections a year for each series and also increases the second course in the series from 2 to 4.
- ✓ Increasing the number of these courses will hopefully satisfy the needs of the nursing program.
- ✓ When it's time to do new hires D. Gilson will be requesting another Biology faculty member to teach these A&P classes.
- ✓ D. Gilson would like to try for one academic year and re-evaluate & re-visit after summer 15.

ii. CHEM 200, 202

- ✓ This semester taught 2 sections of Chem 200. Typically offered one Chem 200 and one Chem 202.
- ✓ Last Spr 13 Chem 202 was cancelled due to low enrollment.
- ✓ For Fall 2013 decided to offer 2 sections of Chem 200 to feed into the one section of Chem 202 that we're offering this semester and the class is full.
- ✓ Next academic year will be similar to what was done this year.
 - Fall semester offer two sections of Chem 200.
 - Winter one section of Chem 200.
 - Spring one Chem 200 and one Chem 202.
- ✓ By offering the above you'll have four sections of Chem 200 to feed into one section of Chem 202.
- ✓ For academic year 2015-16 we'll go to our old offering pattern of Chem 200 and Chem 202 for both Fall and Spring. For winter and summer session offer Chem 200.
- ✓ D. Gilson will also be asking for an additional Chem instructor due to huge wait lists.

- ✓ Chem 200 level classes are part of our non-conflict schedule with science and math classes.
- iii. PHSC 110**
- ✓ D. Gilison stated that this course is still in the thought process stage. Not making any changes to schedule yet.
- ✓ Reviewed/discussed enrollment worksheet (back to Fall 2009) for PHSC for the past few years.
- ✓ Enrollment has been pretty steady except these past two academic years.
 - One thought – to offer one section of PHSC 110 in Spring and keep two sections in the Fall semester.

c. Changing Course Caps

- ✓ Two reasons for increasing course caps. 1). Meet student demand and generate more FTES with no additional cost to the college. 2) Not increase FTES but serve same number of students in fewer sections. Saves money by not needing as many PT faculty to fill courses.
- ✓ D. Gilison stated that this is just a discussion. If enough consensus will add as action item for next science meeting.
- i. AG/ENVS 110**
- ✓ Proposing to increase quota to 35. Cut one section. P. Pauley recommends increasing quota.
- ii. BIOL 090**
- ✓ Proposing to cut number of sections from 2 to 1. Increase quota for that one section to 40.
- iii. PHSC 110**
- ✓ No change at this time.

d. Cleaning Up Sinks in Wet/Dry Labs

- ✓ D. Gilison asked faculty to check that students are cleaning up.

D. Action Items

None

E. SLOs and PLOs

Changing PLOs for Life Science, General Science, and Physical /Science – Sydney Rice

- ✓ S. Rice handed out printout. Last year we pushed to make sure all programs had PLOs and all courses had SLOs. When accreditation committee came everything was done, however, things weren't lining up.
 - We lined up SLOs to the institutional learning outcomes. We lined up SLOs somewhat to the program learning outcomes but we never matched the program learning outcomes to the institutional outcomes.
- ✓ All reports need to line up. We need to go through and look at what's there.
- ✓ Two things we need to do.
 - Match SLOs to PLOs.
 - Match PLOs to ILOs.
- ✓ SPOL requires that when we put in a course level outcome we need to map it as far as when the concept in the program is introduced. When it is reinforced and when it is mastered.
- ✓ D. Gilison gave the following example. Laboratory skills. Lab skills introduced in Bio 100, it's reinforced in Bio 200 and mastered in Bio 220.

- ✓ S. Rice looked at PLOs across our three disciplines (life science, general science, physical science). Found a lot of commonalities. Would like PLO which would be the same in several disciplines.
- ✓ D. Gilison suggests that since S. Moss, K. Marty, J. Fisher originally came up with PLOs for the three disciplines. He would like to meet with all three to discuss in more detail so we can see where those overlaps are and maybe find better wording.
- ✓ Will bring back to next meeting as an action item to change.

F. Other

G. Next Meeting

- ✓ April 15, 2014, 11:50, Room 2721

H. Adjournment

- ✓ Chair Gilison adjourned the meeting at 1:18 pm.