



IMPERIAL VALLEY COLLEGE
Science Department
Monday, February 26, 2018 12:50 p.m.
Room #2727

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 type="checkbox"/> Dave Drury, Dean | <input checked="" type="checkbox"/> Behrang Madani |
| <input checked="" type="checkbox"/> Alto Benedicto | <input checked="" type="checkbox"/> Setareh Madani |
| <input checked="" type="checkbox"/> Eddie Chang | <input checked="" type="checkbox"/> Kevin Marty |
| <input checked="" type="checkbox"/> Andrew Chien | <input checked="" type="checkbox"/> Susan Moss |
| <input type="checkbox"/> Alex Cozzani ABSENT/EXCUSED | <input checked="" type="checkbox"/> Patrick Pauley |
| <input checked="" type="checkbox"/> Steven Crum | <input checked="" type="checkbox"/> Jia Sun |
| <input type="checkbox"/> Samuel David ABSENT/EXCUSED | <input type="checkbox"/> Nan Everly |
| <input checked="" type="checkbox"/> Jim Fisher | <input checked="" type="checkbox"/> Grace Espinoza |
| <input checked="" type="checkbox"/> Daniel Gilison | <input type="checkbox"/> Said Cañez, Counseling Liaison |
| <input checked="" type="checkbox"/> Russell Lavery | |

Guests:

Recorder: Ofelia Duarte

- A. Call to Order by Daniel Gilison, SME Department Chair @ 1:00 p.m.
- B. Review and Approval of Minutes of November 13, 2017 were approved unanimously.
M/S/C A. Benedicto/E. Chang
- C. **Action Items**
- D. **Communications**
 1. **Spring 2018 enrollment update**
 - ✓ Chair Gilison updated faculty on classes that have had difficulty in the past with low enrollment. Bio 100/Chem 100 and upper level Bio/Chem/Physics are doing fine. There are a handful of classes where we are trying to make some changes based on enrollment numbers to try and improve enrollment (i.e., scheduling changes).
Envs 110 – Fall semester took night sections and moved them to daytime. Big improvement in enrollment.

Astr – Take night section and only offer it once every year instead of every semester. Enrollment down this semester. Possibility of removing section from 4 to 3 based on how enrollment looks. Maybe get calculus physics class up and running. Russell suggests that for spring not do late afternoon but move to Friday morning.

Bio 90 – Nursing does not need this class as a pre-req but other programs (EMT, Fire) do need them. Enrollment is stable. Enough demand for one section of 40. Will keep as is.

Biol 120/122 – Cancelled Zoology II this semester due to low enrollment. Enrollment low past few years. Has talked with A. Chien about getting rid of two semester zoology and replacing with single semester zoology class.

Biol 150 - Low enrollment. Moved from late afternoon to morning. Some improvement.

Geol 110 – Enrollment looks good.

PHSC 110 – Steadily on decline.

2. 2018-19 schedule development update

- ✓ Summer draft schedule has been submitted to Dean Drury. Chair Gilison would like faculty selection done by end of week. He will email draft schedule to faculty. If he does not hear from you in a timely fashion will assume you're not interested and will move to next faculty. Tried to build schedule based on what he thinks/assume faculty will want. But also built schedule for classes that students need and time students need them. Remember students are the #1 priority.
- ✓ Fall 18 – Working on draft with new time blocks based on new campus hour.
- ✓ Waiting for clarification on days for campus hour. Also trying to get access to auditorium in morning for some combined lectures.
- ✓ Putting non conflict schedule back to make sure they don't conflict with math, engineering and computer science.
- ✓ If necessary, you can have classes during campus hour if you're teaching a class with multiple sections.

3. Fall 2017 and Spring 2018 SLO update

- ✓ Chair Gilison will email faculty SLO worksheet that shows which SLOs need to be assessed this semester.
- ✓ Also we need to "Close the loop" for SLOs that are assessed in fall. For example, the lead for Bio 100 needs to get together with faculty teaching Bio 100 and meet to talk about data and decide what data means. If there's anything we want to change based on the results we saw, then the lead fills out and submits form online.

4. Lab cleanliness

- ✓ Chair Gilison reminded everyone that we **still** have a problem with lab cleanliness. Topic that's talked about **every** semester. People don't clean up after their labs. Students can clean up after themselves if instructors don't have time to clean up.

- ✓ Chair Gilison pointed out that faculty are not being singled out. Faculty will be notified (emailed) whether it's something small or something more grievous.
- ✓ Please clean up. Be courteous of the next class.

5. NSF Course Design workshop – S. Crum

- ✓ S. Crum attended a 3 day NSF course design studio/workshop at UC San Diego.
- ✓ This grant covered travel expenses and meals. Also participants were eligible for \$2,000 stipend. Another stipend of \$2,000 will be available in the summer of 2018. There is also another next winter.
- ✓ Different science faculty from different community colleges in San Diego attended. You go through a 3-day course on how to redesign your course to implement more active teaching strategies.
- ✓ **Project synopsis: Essentially our mission is to contribute to the body of work surrounding the impacts on student learning in STEM due to the incorporation of active-learning strategies into learning environments (classrooms & laboratories). Back in 2014, a paper was published in the *Proceedings of the National Academy of Science (PNAS)* by Scott Freeman et al. in which they reported the results of a metaanalysis of 225 peer-reviewed publications related to the topic of active learning in STEM classrooms.**

6. Lab Safety

- ✓ J. Fisher reminded faculty to have students fill out safety forms.
- ✓ You can contact Chair Gilison if you need list of students who have or have not completed safety form.

E. Other

F. Next Meeting

- ✓ March 19, 2018

G. Adjournment

- ✓ Chair Gilison adjourned the meeting at 1:55 pm.