

IMPERIAL VALLEY COLLEGE
Science, Mathematics, and Engineering Division

Mathematics Department Minutes
February 18, 2010

CALL TO ORDER

The meeting was called to order at 4:47 p.m.

DEPARTMENT MEMBERS PRESENT

S. Alvarado, R. Castrapel, A. Cozzani, O. Hernandez, J. Kitzmiller, J. Nelipovich, B. Nilson, B. Riehle, M. Shokoufi, A. Voldman, and E. Lehtonen, Coordinator

DEPARTMENT MEMBERS ABSENT

A. Leon

DEPARTMENT ADJUNCT MEMBERS PRESENT

J. Garay

STAFF PRESENT

C. Cortés-Ramirez and R. Marin

COUNSELING LIAISON

L. Mazeroll

GUESTS

L. Zhao

APPROVAL OF MINUTES

The minutes for September 18, 2009, were approved unanimously, as presented (MSC-M. Shokoufi/A. Voldman).

DEPARTMENT MATTERS

Communications: E. Lehtonen stated that he had various communications to share with the Department.

Textbooks for M070, M080, and M090 for Fall '10: E. Lehtonen stated that the textbooks for all three levels are up for consideration this Spring for next Fall and asked for how the Department feels about this subject. B. Nilson stated that during AMATYC she picked up a few examinations copies for M070 and M080 – even one book that combined both levels. She didn't pick anything up for M090. She had those copies available for any Department member that would be interested in reviewing them. The majority of the books had some work connected to software. Discussion followed on adopting a combined book due to conflicts with current course outlines. It was approved, by majority vote, that the Department keep the current adopted textbooks for one more year and work on updating course outlines (MSC-J. Kitzmiller/R. Castrapel) – with two abstentions: B. Nilson and B. Riehle.

Proposed MATH 065: E. Lehtonen explained that he made up M065 since he is only now proposing the course. He stated that the intent of this course was to have another tier of basic skills which is pretty standard across the State. This would be a basic skills, pre-algebra, algebra I courses. He would like to make this an action item at the next Department Meeting. B. Nilson explained how she introduced her Basic Skills Academy student to pre-algebra. Discussion

followed on issues such as actual need for these courses, modules currently available through the website, and the need between M080 and M090. Discussion followed.

Adding More Units to M070, M080, and M090: E. Lehtonen reported that most schools currently are 5, 5, and 5. At IVC we are 3, 3, and 4. He has been presented this to the Department for the last two semesters and the budget has been an issue do to having to possibly hire new faculty for this proposal to be implemented. Discussion followed on issues with M090 testing and issues with adjuncts and how the coordinator will be scheduling classes for the extended campus faculty. L. Mazeroll mentioned that there might be an issue with Cal State and the renumbering of courses since there were issues when we went from M120 to M119. Discussion followed. E. Lehtonen asked for volunteers to study splitting M090 to possibly M090A/M090B: J. Nelipovich and J. Kitzmiller volunteered. The results of this study will be reported at the next Department Meeting.

Math Festival: E. Lehtonen reported that he has reserved the College Center for Friday, May 14th. B. Riehle will work on contacting the high schools to see if there will be any conflicts. Discussion followed on being creative and easy scoring. The following shows the Department Members with the event they will be helping with: J. Kitzmiller-Beginning Algebra; A. Leon-Intermediate Algebra; B. Nilson-Geometry; M. Shokoufi-Trigonometry; A. Voldman-Calculus; J. Nelipovich-Statistics; A. Cozzani and O. Hernandez-Refreshments; R. Castrapel-T-Shirts; and E. Lehtonen and B. Riehle with the organizing of the event.

NCAT Proposal: E. Lehtonen sent out information about 2 weeks ago regarding the NCAT Proposal by request of E. Gould and K. Berry. Hard copies were given to the Department Members. B. Riehle stated that after reading the proposal they are asking that the department conform and a lot of it is computer driven. E. Lehtonen did send K. Berry an outline of his concerns especially the assessment part of it. He added that there is a \$40,000 Bill Gates Grant to implement this proposal. In order to get this grant K. Berry and one of the Department Members needs to attend this conference in Orlando at the end of February. E. Lehtonen volunteered to go after no one else volunteered. Discussion followed on how the piloting of the project will work (Spring 2011) and actually implementing the project (Fall 2011).

M070 and M080 Workshop Data: S. Alvarado handout out copies of his M070 and M080 Workshops Progress Report. He went over the process for conducting the workshops and went over his report. M. Shokoufi suggested that he present the report to C&I to justify increasing 1 unit to each course. J. Nelipovich mentioned that she is having all of her classes go to the Math Lab at least once. M. Shokoufi suggested using that as an SLO. Discussion followed on how other Department Members incorporate the Math Lab into their courses.

Rubric for Math SLO's: B. Riehle gave a report from the data she gathered from the rubric for the Math SLO's. She handed out a sample hard copy. B. Riehle thanked full time faculty for submitting their data. There was no response from the adjuncts. She asked that this be standardized way that we develop the rubrics for SLO's for the reporting process. J. Nelipovich stated that it's essential to have a common rubric. M. Shokoufi suggested that M090 faculty each person scoring do their own rubric to keep consistency. B. Riehle stated that this is used for SLO purposes only. M. Shokoufi suggested that this be a pilot where the instructor comes up with one question and one person does all of the correcting and data is gathered and distributed. B. Nilson suggested that maybe pick random samples, score them, and gather data. M. Shokoufi volunteered to do a pilot with one question for M080. J. Kitzmiller will help with M080.

OTHER

CalPass: R. Castrapel invited everyone to the CalPass meeting on Tuesday at 4:30 p.m. – 6:00 p.m., in the Board Room. This meeting will be with Junior High School, High School, IVC, and SDSU math faculty. This meeting will be to coordinate curriculum. There will be a \$25 gift card from Barnes and Noble for all those that attend.

No Conflict Schedule: M. Shokoufi expressed her concern over scheduling of adjuncts to teach upper level math courses especially considering that they are not there during the textbook adoption process. She also stated that it seems that the BIOL classes were all scheduled during the prime times, leaving Math classes to be either early in the morning or late at night. E. Lehtonen stated that he strongly agrees with M. Shokoufi that he doesn't feel it is right with BIOL being scheduled during the prime times. He added that when he sent it out for the Department for review, no one had any comments. He acknowledged that he overcorrected on some of the scheduling. He stated that he is adamant in using adjuncts teach higher courses if they are qualified to teach and there is a gap in the schedule. Discussion followed. L. Zhao explained the purpose of having a no conflict schedule between Math and Science courses and how it was developed and finalized and set for the next two years. L. Zhao stated that she wished all of the Departments concerns would have been brought up during the development of the no conflict schedule. More discussion followed. L. Zhao stated that the F'10 schedule is set. She added that a meeting will be taking place soon to finalize the 2 year plan to submit to Counseling. She stated that no one has expressed any disagreement at the Task Forces meetings. Nonetheless, she will call another meeting with the Task Force to review no conflict schedule one more time to see if there are any changes that need to be made for Spring 2011, Fall 2011, and Spring 2012 semesters. She asked who would like to volunteer to attend the meeting. M. Shokoufi and A. Voldman volunteered to attend the meeting. L. Zhao will be e-mailing them the no conflict schedule Task Force meeting date and time.

Advertise to Students: S. Alvarado stated that he sent everyone an e-mail about out the modules. He asked if it was ok to advertise that on his web page. He got the Department approval for that.

Math Lab Tutorial Specialist Position: E. Lehtonen gave a brief update on the Math Lab Tutorial Specialist position. He stated that it is to be reviewed by Basic Skills. L. Zhao stated that if there is funding, open it up for search, or open it up for Department discussion.

ADJOURNMENT

The meeting was adjourned at 6:33 p.m.

cc: K. Berry, Vice President for Academic Services
E. Gould, Superintendent/President
L. Zhao, Division Chair

*Approved on April 29, 2010
Recorder: Carol Cortés-Ramirez*