

Yuba College Math Department Meeting AGENDA

Date: 9/13/19

Time: 1:00 - 3:00 PM

Coordinator: Karsten Stemmann

Members Present: Talwinder Chetra, Mark Lydon, Dylan Noack, Chris Noffsinger, Erika Noffsinger, Mukta Sharma, Karsten Stemmann, John Thoo

Visitors: Cheryl Latimer

Location: Room 849

Recorder: Karsten Stemmann

No.	Description	Owner	Outcome/Discussion Topics
2019.9.13.01	Approval of/additions to agenda and approval of minutes from last meeting	Karsten	
	Minutes from the last department meeting were approved. Addition to the agenda to talk about the local degree.		
2019.9.13.02	Quick check in	Team	
	Chris updated the department on the upcoming moratorium for curriculum because of switchover from Curricunet to Illumen in November. It may last into the spring semester. Chris also mentioned that the English department put in an integrated course that includes the corequisite. They already put it into curriculum. We should discuss adding a single course like that instead of Stat-1 with Stat-100 as a corequisite, but in the meantime have the current course and the separate support course.		
2019.9.13.03	Department funds	Team	Discuss use of this year's department funds. (Possible uses of funds: purchasing routers for classrooms that have poor internet connection, purchasing and keeping poster sticky sheet pads in math classrooms, set of calculators that do statistical operations, and possibly materials that could help with statistical activities - dice, cards, M&M's, coins, ;-)
	Karsten informed that the deans were instructed to scratch department funds. Erika had several recommendations. She suggested instead of requesting whiteboards, we could buy Postit poster boards.		
	Chris reminded that the department funds include moneys for graders. We should use up those funds in fall rather than put it off for spring. Talwinder explained the process for hiring a grader to Mark and Dylan. He also went over what types of tasks he would assign to a grader. Chris suggested that we can ask Kristi to move funds around if they are used in other areas. John suggested that we find out how many hours each of us projects the use a grader. We went back to projecting into spring. Additional funds for food for DMDM meeting.		
Next the group talked about buying a classroom set of calculators. Two optioned were mentioned. Mukta mentioned			

that some calculators find definite integrals, but the calculator would work well for stats. Talwinder mentioned that he asked his brother in law to finance calculators for a class. He will loan those to students if they sign up for tutoring. Karsten will ask Bruce Troxel if he needs any manipulatives for his Math-15 class. We also talked about buying sets of playing cards. We agreed to buy calculators and manipulatives.

Dylan requested a larger whiteboard for his office. He will research what he needs and place the order with Kristi. Mukta will research calculator prices and report back.

2019.9.13.04	Math Teaching Community update	Erika	Overview of what we are doing and working on in the Math Teaching Community
	Erika mentioned that Michael would support fulltime faculty by buying food to entice them to participate in Teaching Community.		
2019.9.13.05	Numbering of Math-21 support course	Erika	This 1-unit support course covers topics of algebra at one level below transfer, however this course may not be enough to demonstrate math competency to fulfill the AA degree's graduation requirement. An appropriate course number needs to be decided on.
	Cheryl Latimer reminded us of the College Information Day. She suggested that more faculty should be at the booth to present the department. She also provided copies of the handouts for application workshops.		
	She then talked about counseling being aware that Math-15 is for elementary school teachers. We emphasized to Cheryl that this course is a college level course.		
	Talwinder mentioned that we should emphasize that the course requires intermediate algebra knowledge. It was pointed out that the catalog still states that Math-52 is a prerequisite.		
	Cheryl reported that only Math-16 states that the course is intended for elementary school teachers, but that information would also be helpful if it was added to Math-15. She then went on to say that we should consider offering more Math-10 sections and that the counseling department would like math faculty to attend their meeting on October 11 th to talk about AB-705 implications and about our courses and what would be a best fit for students. Talk about Math-15, 58 (because they send CTE students there), stats-1 and 100.		
John mentioned that Math-58 is not a course that is made for CTE students, but it is still the best fit for them. It is still course that is at the same level of Math-52.			
Karsten confirmed with Cheryl that we will always have our department meetings on the 2 nd and 4 th Friday of the month. He also asked if Cheryl could provide some input for numbering the trigonometry support course. The issue is that the support course is covering material at the level of intermediate algebra, but we don't want the course to meet the graduation requirement for math competency. Cheryl said that she would talk to Lore Dobusch about the implications of the course numbering and report back to us. The department agreed that this should not be at 49 or below. Chris reminded that the support course would mainly cover material of intermediate algebra, hence placing it 2 levels below transfer would be incorrect. Karsten asked what the downside to making it a non-credit course would be. The only downside that Cheryl mentioned was financial guide implications. Chris also asked how we can change the wording for math competency. Cheryl said that we would have to go through curriculum committee and that she would find out more. Another issue that was brought up is the issue that high school students cannot take corequisite courses because they are not allowed to take remedial math courses while in high school.			
Mukta and Talwinder volunteered to represent the math department at the College Information Day.			
2019.9.13.05a	New agenda item – local degree	Team	This is a spillover from the last department meeting when we started discussing inactivation of the local degree.
	Next we talked about our local degree. Christ posted the question if it was still beneficial for students to have a local		

degree. We were seeking input from counseling if the local degree would be better for students transferring to the UC system. Cheryl mentioned that students would not have an advantage by taking the courses for the local degree versus the ADT. She stated that more degree options for students would be better, in case they decide to take a break and don't transfer immediately after obtaining their YC math degree.

Chris mentioned that we have to either correct the degree or deactivate it. If we update the degree, then we can add some of the newer courses to the local degree. Talwinder suggested that we just add 55, but not more so there will no longer be a difference to the ADT.

	Textbook selection	Team	Several textbooks will no longer be available in the old edition. Those include the statistics textbook by Triola and the calculus textbook by Rogawski. Any other books that are being updated? Should we use a common textbook for College Algebra and Trigonometry? We need ideas.
2019.9.13.06	<p>Textbook selection – calculus textbook is out with another edition. John Thoo mentioned that he would be available to serve on the textbook selection committee. He volunteered before the meeting. Several faculty agreed that Thomas would be a great textbook. Chris reminded that we could also look at open source textbooks for calculus. Everyone agreed that we should check out those textbooks as well. Mukta asked if we should just focus on selecting a new book for statistics for now, but that would mean we would have to the new edition of the Rogawski textbook. Dylan shared that they used APEX Calculus textbook at UC Riverside. He liked that it had gifs, which are only available in an online textbook. Chris reminded that it is easiest to review a textbook while teaching a course to see how it would be to teach out of that book. Talwinder suggested that those teaching calculus right now should be on the selection committee. It appears that for the new Math-1A students we will have a new textbook. Volunteers for the 1A textbooks selections committee: John, Mukta and Chris. Chris said that he has a handful of books that we can review. We will hear back from the committee in 4 weeks.</p>		
	<p>Erika mentioned that she would like to have one textbook for College Algebra and Trigonometry. We agreed that if we have a sequence of courses, we should have the same textbook for the courses in the sequence (e.g. calculus and Math-20&21). The exception to that was if someone wants to use an open source textbook because that would be free to the students. Mark mentioned that he also likes the idea of a textbook that combines trigonometry and college algebra. It was also discussed if we had an open source textbook and only added some supplemental material to it for areas where we believe the textbook has some shortcomings. Talwinder mentioned that this is what they are doing at Chico State. It was brought up that we can also use MyOpenMath with the open source textbooks if we want online homework tools for grading assignments. It is not as good as the For Pay online homework tools, but Talwinder found that it worked well for him. We then decided that we just hold off for now on selecting a new textbook for Trigonometry and College Algebra.</p> <p>Erika also stated that Pearson reps said that they have developed a lot of supplemental material. We want to invite them to our meeting on October 11th to present the supplemental materials they have. Mukta will arrange for inviting the reps at 1 pm.</p> <p>We will talk on October 11th about the selection of a new textbook for stats and possibly about selecting new software. Chris asked if Talwinder can write a manual for using R. Other options would be to use StatCrunch, which is web based, or Excel. Chris, Mukta, Dylan and Karsten will talk about options on the 11th.</p> <p>Mark will share the supplemental material from Sonoma State. Perhaps we can use some of that. The material goes with Locks textbook.</p> <p>Karsten mentioned that he will share the textbook that Sierra College uses for Math-E, and that this course may be a good one to prepare students for stats. Talwinder also thought that this course may be a good one for students in the CTE fields.</p>		
2019.9.13.07	Maintaining academic rigor and integrity	Karsten	As a result of AB705 and because of a lack of academic rigor among our own faculty, students are taking courses without adequate preparation or without mastery of the prerequisites. How can we prevent that the knowledge gap in

			our classes becomes so large that it is impossible to teach the curriculum effectively?
	<p>Karsten mentioned that he again has many underprepared students in his classes. Other instructors reported that they are also observing that students are not ready. We need to educate our instructors on the importance of high standards and that they are not doing students any favor by just passing them, and that pass rates are not something that we look at when making teaching assignments. We decided that we will give a final exam in spring for statistics.</p>		
	Spring schedule update, DMDM meeting date, upcoming conferences, new prep course for statistics, miscellaneous stuff...	Team	
2019.9.13.08	<p>Karsten stated that the schedule was sent to him. He will email the reviewed schedule to the department for everyone's input, then we will select our classes on the 27th.</p> <p>Mukta asked if we want to continue giving the AMATYC exam. We agreed that we should continue offering the test.</p> <p>A short discussion ensued regarding cheating on tests. Talwinder mentioned that he has students write down the names of students sitting next to them so he can check in case the same wrong answers start showing up on tests.</p> <p>Several instructors stated that they are planning on attending the CMCCC conference in Monterey this year. Karsten reminded that instructors can request travel funds through FAYCCD, up to \$1000 to cover the cost of attending the conference.</p> <p>DMDM will not be held before the start of the spring semester. Instead we will hold it on one of the Fridays first or second week of the semester (depending on when Woodland senate meets to avoid that Friday).</p>		

Meeting adjourned at about 3:00 pm.

Next department meeting: 10/11/2019 at 1:00 pm in room 849.