

# *Minutes*

Mathematics Department Meeting

Sabine Eggleston, Chair, Mathematics

Friday, April 13, 2018

Thomas Edison U-102, Charlotte E-105, Collier A-103, Hendry/Glades A-114

	Present	Absent	Excused		Present	Absent	Excused
<b>Faculty</b>				Cindy Quehl	X		
Cheban Acharya	X			Don Ransford	X		
Tatiana Arzivian	X			Joe Roles	X		
Rona Axelrod	X			John Salem	X		
Cynthia Baker	X			Sandra Seifert	X		
Karen Buonocore	X			Elizabeth Schott			X
Michael Chiacchiero	X			Christine Smith	X		
Tina Churchill	X			William Stoudt	X		
Sabine Eggleston	X			Marjorie Thrall Moller	X		
Laurice Garrett	X			Joan Van Glabeke	X		
Rebecca Gubitti	X			Don Warren			X
Beverly Hall	X			Terry Zamor	X		
Ivana Ilic	X			Juan Zaragoza	X		
Bert Lawrence	X			Jaime Zlatkin	X		
David Licht	X			Guests:			
Doug Magomo	X			Martin McClinton	X		
Ivan Melendez	X						
Kristi Moran	X						
Bharat Patel	X						

At 9 am on April 13, 2018 Sabine called the meeting to order.

## **Mathematics Department Minutes, Friday April 13, 2018**

- Accomplishments and Successes:
- Laurice is a grandmother
- The new faculty seminar is finished now for 4 math teachers – Bill, Dave, Bharat, Beverly
- Joe Rolls – inducted into the Hall of Fame of Coaches
- 10 more computers for Doug’s Project – they go to Africa
- Sandra has been chosen as Professor of the Year at Hendry-Glades FSW
- 2 NISOD elected professors – Don Ransford, Sandra Seifert
- Charlotte campus has given 3 Math awards to students
- Charlotte campus had over 300 students participate in Pi Day,
- Collier campus- the Search Committee has been making progress, they have given their recommendations to the administration
- Hendry Glades campus had to put up a tent for the Awards Ceremony. They are increasing in size.

II. Approval of the February Minutes: David L. moved to approve the minutes and Rebecca seconded. - All Yeas. No nays. No abstentions.

III. Don Ransford presented his Summer Training Program for training High School and Middle School Mathematics teachers proposed for the summer 2019s. (FEE grant) A College Readiness program inspired him to think of this summer program idea. The department is supporting him in this project and agree for him to pursue it. Juan, Ivana, and Beverly asked to be on this committee. FGCU will also be involved in this program.

IV. Summer Updates:

- A. We are transferring from MLP to MML with MGF1106 and MG1107 ONLY- Cheban is coordinating this and the conversion of the master course should be done by July 8<sup>th</sup>.
- B. Email Sabine or Dr. McClinton if you want to take over the support of MLP. This is a one-year contract. At this point only Sabine and Rona have been admins to this program.
- C. Proctorio Contract: Proctorio only for online courses. This summer would be a pilot so that the testing center could be closed. The plan is to close the testing center and to have all online classes take proctored exams only online. We were told that if students didn't have a computer at home, they could still come to school to use one of ours. (It was noted that students are still getting used to doing white boards rather than scrap paper for their online exams.) It will NOT be the usual proctoring process where students are watched by a person. The contract allows for an automated system where the students' camera records their test taking. Proctorio will note, flag, if there is a change in the video that might be suspicious of cheating. There will be no fee for the students and no appointment is needed. They are available 24-7. These Proctorio tests will have to be located in Canvas or at least be initiated in Canvas with a link to MyLabsPlus.

A discussion began on how new Proctorio automated system was presented to the Instructional Technology Committee and whether committee was ever told that it would be automated and not the traditional proctoring where a proctor is watching the students. Questions arose about where is the faculty input. A member of the mathematics depart mentioned that has used a similar system to this and presented the numerous cheating problems that were encountered while using the system, ProctorFree.

Joan made the motion that the mathematics department delay using the automated Proctorio this summer. All in agreement. No Nays, nor Abstentions.

Comments were made that changes just before summer do not allow decisions to be contested and that faculty input is needed.

D. Updates of Teaching Materials: Cheban and/or Ivana will make changes to MGF1106 and MGF 1107 online shells due to a new textbook and resources.

E. This summer's moves: Rona will move to Don Warren's office and Cindy Baker will move to Rona's old office.

V. Adaptive Services formula sheets

- A. Adaptive Services formula sheets: MAC1114 David L. made the motion to accept, Kristi seconds. All Yeas, no nays, no abstentions.
- B. Adaptive Services formula sheets: MAC1105 David L. made the motion to accept, Rebecca and Terry second. All Yeas, no nays, no abstentions.

VI. Heppe Fund \$3000- for Developmental Courseware or students

A. Laurice reported that shower board (white board) costs \$13 for a 4' by 8' piece. You can get 10 boards out of it, that are not too heavy to lift up or hold. Home Depot and Lowes will cut the boards for free since this is for an educational purpose. Laurice found that the white boards encourage students to work together and promotes more discussion. Refillable markers work best with them, and you can erase with a paper towel. The Charlotte campus is interested in 2 sets. Laurice and Karen are interested in doing more boards for the Lee campus. Everyone will save the receipts and give them to Andy for reimbursement. Tell Andy that it is from the Heppe Fund. Faculty are asked to send an e-mail to Sabine or Dr. McClinton with their intent of purchasing any material, so it can be verified that enough funds are available.

B. Tina would like a set(40) of 4 function calculators and you can purchase them for 94 cents (solar) at Walmart. Don Ransford has 2 sets of TI 84 Calculators and only needs one. Charlotte has requested to get one of his sets and they will make arrangements to get those. Dr. McClinton noted that if we wanted to purchase more of those he could put it in his budget, maybe a few each year since the cost is high. Some faculty suggested to hold off on the purchase until the department has brought up the calculator discussion and confirmed that the TI-83/84 graphing calculator is still the best one for our courses.

C. Discussion ensued regarding all the different calculators that students bring to class. Laurice informed us there is a \$12.99 calculator which has a solve button. Juan has found a calculator that will simplify radicals. We discussed that we need a flyer which states which calculators are permissible and which ones aren't. Don and Laurice will comprise a committee to decide which calculator is acceptable and which ones aren't.

D. Rebecca asked for a pamphlet with directions on how to use the TI /83/84 Calc. There is a tutorial in MLP on how to use the Calculator as well as a Tutorial on the TI Website. Beverly has/creates sheets on calculator use for Stats, PreCal and College Algebra. These sheets are already in the Online Master Course for Statistics, and Beverly's Online/ Classroom PreCalculus class. She is willing to share them with the department. Kristi asked if we should resurrect the one credit Calculator course that we used to have. In light of students only having 24 elective credits available to them, this was not thought a good idea. It was also mentioned that there is a 99 cent app for Iphones and Androids that is a TI 84 simulator.

VII. Textbook Affordability – OER is the trend. We have advertising from Lumen.

VIII. Different pathways for math students. In a conference that Dr. McClinton recently attended 20 out of 28 institutions are using MAT 1033 as a pathway to Stats and College Algebra. Can we consider using different pathways to Stats, such as MGF 1106. Our nursing students need two math courses, Statistics is necessary but the College Algebra course is no longer needed. Dr. McClinton addressed the issue that students are having when they get their 60 credits and only

24 are elective credits. Students can experience finance problems if they go over the 60 credits. Students don't need MAT 1033 in order to take MGF 1107. There are many undecided students so their counselors recommend that they take MAT1033 (rather than 1100) if they are possibly considering STEM careers. Also the counselors recommend this course if the student is going to transfer credits out of FSW. According to the new regulations we can't do testing to decide where to place our students, consequently some students in MAT 1033 are very weak and others aren't. The math pass rate is poor for the Math General Education.

Don Ransford volunteered to be on a committee during this summer to consider the best math pathways for our students. Jamie and Juan also volunteered to be on that committee.

IX. There was no interest in having a person address us on Math Anxiety. There were attached files to the Email and Powerpoint regarding this topic.

X. April 26<sup>th</sup> 5-7 pm in U102 there is a retirement party for Joan and Don.

XI. May 11 at 6 pm there is a retirement party at 6 pm at Lloyd Hicks home for Joan and Don in Fort Myers.

XII. Faculty Senate – Presidential Elections are in progress. Sabine is the School of Pure and Applied Sciences representative. Last minute decisions regarding renewal of contracts, and decisions with no faculty input such as proctoring online exams need to be brought up to Faculty Senate.

XIII. The testing center is changing to ACCUPLACER next generation and the department might have to reconsider CLM scores for individual mathematics courses.

XIV. Course Coordinators:

Needed for MAC 1114 Trigonometry and Mathematics for College Success MAT 0057 with the beginning of the Fall semester.

Stats: Rona is stepping down, and Tatiana is going to take over as coordinator

The current textbook for MAC2233 is not available as an instructor edition, but a similar text can be order for instructors or at least a student edition can be requested.

XIV. General Update

Ivana is the only one who has submitted her interest of being the next Mathematics Department Chair - congratulations

Thank you, Sabine for being our Math Department Chair for the last 3 years.

Don R. – Will do Math Olympics this weekend

Don R. – AMATYC – November in Orlando- register for rooms early because they go quickly

Don R.- MGF1108 (Math and Music) course- approval has been finalized

One book- One College- choosing a book that can be read in all courses is still proceeding.

Doug M-shared with department that he was asked to develop an online version of the Differential equation course and asked for permission of the faculty to pursue this. All agreed.

Next Friday: Ivan will demonstrate OneNote from 9:30-11:30 am in the TLC

Ivan's baby shower 12:00-1:30

Respectfully Submitted,

Beverly Hall