

MATHEMATICS CLUSTER MINUTES
Wednesday, October 15, 2014
1:15 – 4:00 p.m.
Lake Worth Campus (BA-207)

ITEM 1. District Item: General Education (Zalmond Abbondanza)

Discussion: Changes to STA2023 general education problems

Action: We need to start thinking about changes we want to make for the general education problem for Fall 2015

ITEM 2. Course Redesign for College Algebra (Ana Porro)

Discussion:

- Ana is currently on sabbatical doing a redesign on MML
- Designed for adjuncts and full time faculty
- Cluster members can use it if we want to
- There will be quizzes. Problems done incorrectly will be done on the HW.
- There will be 3 to 6 problems on each quiz
- There will be assignments for flipped classes
- Students can have 2 attempts on quizzes
- There will be sample practice tests and tests
- Eugenia explained what she does in her flipped class
 - Students pass in notes that they take before the concept is discussed in class
 - MML quiz on notes taken
 - 30 minute lecture
 - 45 minutes working on assignments

Action: Ana will finish the redesign on MML

ITEM 3. MAT 1033 (face-to-face) and MAT 1033 L (hybrid) Schedule on Boca Raton Campus (Zalmond Abbondanza)

Discussion:

- Lecture and lab classes on the Boca Raton campus have been linked for the Spring 2015 semester
- Berthiaume offered to give advice to anyone that plans to link the classes on other campuses

Action: None

ITEM 4. Math Awareness Week on each Campus (Chairs of Committees)

Discussion:

- Theme of Math Awareness Week 2015 is **Math Drives Careers**
- Spring 2015 Committees:
 - **Lake Worth:** Thomasson (Chair), Lopez, Gordon
 - **Boca Raton:** Knysh (Chair), Rodgers, Rodrigues, Finamore, Abbondanza (Mentor)
 - **Palm Beach Gardens:** Piccolino (Chair), Rosenthal, Sullivan, Burkett, Librun
 - **Belle Glade:** Siassi (Chair), Pennea, John Pearson
- LW (Thomasson) all but 3 slots filled
- PBG (Piccolino) Speakers are set but they are trying to get more faculty speakers
 - (Porro) No poster contest for all campuses
 - Only 1 person should contact authors
 - We may want to contact Larson & Edwards for all 4 campuses
- BG (Tony) Games and food are set

Action:

Thomasson will call Pearson and Cengage for possible authors

ITEM 5. Textbook Update (Committees Chairs try to get extensions for one more year for each textbook)

Discussion

- Committees for new textbooks have already been formed (see March 2014 notes). Chairs will try to get extensions for one more year for each textbook. Committees will decide on a new text for only those courses for which an extension cannot be obtained.
- College Algebra (Graziose) Called Pearson
 - They have 1,700 copies of the current book nationwide
 - We will need to go to new version (11th ed.)
 - We need to keep rigor in our courses because transfers to other colleges are being tracked
- Calculus (Librun) We can get an extension for the 9th edition but it will cost more than the 10th edition
 - 9th Ed - \$309 or rent for \$200
 - 10th Ed - \$250
 - Committee will look at options
 - Would like to have decision before end of semester
 - We need an agreement for a fixed price for 3 years
- PreCalc & Trig (Piccolino) has similar situation as Calculus
 - 9th Ed is cheaper than 8th
 - Hybrid book has problems that are online

Action:

- Decisions on all texts will be done before we leave for spring break
- Books need to be ordered by April 15

ITEM 6. The technology addenda option in the course outline for STA2023 regarding the z-score table. (Joseph Pick)

Discussion:

- Administration views our syllabi as legal documents which must be totally correct. The Course Outline has to be corrected. For those who use TI-84 or statistical software now, the statement “Determine probabilities using the z-tables (Z is a standard normal variable)”, which is in the current PBSC course outline document, is not accurate.

Action:

- Wording on the Course Outline will be changed to “**Determine normal probabilities**”

ITEM 7. Change of District Final Exam for MAT1033 (Rose Wilson and Zalmond Abbondanza)

Discussion:

- Modification of existing MAT1033 final exam
- Correlate Test Reviews and HW
- Changes will be for the spring term
- Committee – Berthiaume (Chair), Wilson, Pick, Abbondanza, Burkett

Action:

- Changes will be made by March 26th, 2015.

ITEM 8. Creation and addition of a new course, MAD 2104 Discrete Math, for the Capture Grant. (Jim Graziose)

Discussion:

- Other area colleges (FAU & Broward) offer this course
- Prerequisite at other colleges is MAC 1105
- Course will start in Fall 2015
- Course will include Induction and Graph Theory
- We will need to go through the curriculum committee
- Unanimously approved by the cluster

Action:

- Committee – Graziose (Chair), Pick, Rodrigues, Pennea, Manesh
- Choose a book

ITEM 9. Creation of committees for each course. (Scott Berthiaume)

Discussion

- Committees would be responsible for:
 - Textbook selection
 - Possible changes to general education problems (to be done in the spring)
 - Discussions and decisions on topics like those brought up in Item 6 above.
 - Other course specific items
- Course specific ideas/changes/etc. will be discussed and decided on by the committee and that decision will be presented to the cluster.
- Short discussions on these topics will still occur during cluster meetings.
- This should streamline cluster meetings a bit.
- Each member of the cluster would put themselves on any committee they wish to be on.
- We will need a chair for each committee and that person will lead a discussion (preferably through email) on any topics that arise.
- Unanimously approved by the cluster

Action:

- Berthiaume will create a word document on the Math Cluster folder on the network and email cluster when it is available
- Faculty will add themselves to committees

ITEM 10. Lake Worth Math Lab**Discussion**

- A section of the lab, with computers, has been created just for 1033 students

In Attendance:

Cluster Chair: Dr. Eugenia Cox

Scribe: Scott Berthiaume

Sullivan, Simms, Pick, Talebi, Librun, Knysh, Toohey, Sharp, Domnitch, Siniscalchi, Abbondanza, Pennea, Ivanova, Gordon, Tomaszewski, Finamore, Rodrigues, Henderson, Piccolino, Boulware, Burkett, Rosenthal, Lukacs, Pena-Lopez, Thomasson, Graziose, Wilson, Basant, Langston, Manesh, Porro