PALM BEACH STATE

COLLEGE

MATHEMATICS CLUSTER AGENDA
Thursday, March 24th, 2016
1:30 AM – 3:30 PM
Lake Worth Campus
BA 207

ITEM #1. **How can Cluster support Textbook Affordability? Please provide your top three recommendation. (Rosenthal)**

Discussion: Ideas:
- Custom textbooks save 1033C students $100
- Student rentals
- E-books are available in most of our math courses, no need to buy paper copies of Textbooks
- Make on open-sourced book optional for each course

Action: None

ITEM #2. **General Education Embedded Assessment for Fall 2016 (Porro)**

Discussion:
- Results of Fall 2015 Gen Ed work were presented.
- Committees that are in the Math Cluster Folder will re-examine the current questions and make changes as desired.
- The cluster decided to continue to only give Gen Ed problems once a year in the fall.
- Each committee will decide the number of Gen Ed problems for their course. The number must be between 3 and 5. Current benchmark is 50%.
- Differential Equations is considered a Gen Ed course.
- Changes in Gen Ed for Math – work of Committees must be done by 04/24/16

Action:
- Committee chairs will make changes to Word document in cluster folder and submit by 4/24/16.
- Cluster members will review problems and give approval by 4/29/16.
- Department chairs will let adjuncts know that problems are in the folder.
- Cox will email Domnitch a reminder that he is the chair for MGF1107.

ITEM #3. **MyMathLab Updates (Pearson Representatives)**

Discussion:
- Workspace Assignments

- New types of assignments that will be part of MML
- Available to be used as homework only in new versions of books (none of which we are currently using in our college level math courses).
- These will be stand-alone assignments. We will not be able to embed them into other homework assignments that do not include Workspace problems.
- Gradebook will show hints that were given to students.
- The name has been changed from MathSpace
- Students will be given less than full credit if they use hints on a problem
- No additional cost to students
- Will be available for Dev. Math to PreCalculus in Fall 2016. Available for Calculus in Fall 2017.
- Will be available in the Developmental Math book that we will be using in the fall.
- Adaptive Practice Skill Builder
  - Instructors can select not to allow students to have access to "Help Me Solve It" and "View an Example" on each homework.
  - Students that click on Skill Builder will be given help with a problem that is at a lower skill level than the current problem they are working on.
  - Easy for instructors to turn on in homework assignments.
  - Instructors will control whether to use Skill Builder and/or Help Me Solve It and/or View an Example.

Action: None at this time.

ITEM #4. MAT1033C Updates (Burkett, Abbondanza, Berthiaume)

Discussion:
- Results from the Fall 2015, first term as a 4 credit course = 58% pass rate.
- The cluster discussed that they felt the students are weaker this spring.
- The cluster recommends that as long as PBSC is not giving a placement test, the course should remain 4 credits.
- Most professors have opted not to use the Prescriptive Learning on MML and instead are giving straight homework assignments in MML.
- In the future, the Prescriptive Learning option will not be made available.

Action: None

ITEM #5. MAT1033C Online (Heath)

Discussion: Dr. Heath asked the cluster to vote to support one online pilot section of MAT1033C for the Fall 2016 for those students who are attending strictly as online students. It would be best for the class to be restricted in some way (permission from chair or dean) before students are allowed to register for this. This is important because MAT1033C is a required course for so many students and an online education is offered by our college. The cluster unanimously voted to allow Dr. Heath to run one online section as long as students were required to get a chair or dean's approval.

Action: Heath will create course.

ITEM #6. How MAT1100 is going for Spring 2016 (Burkett).

Discussion:
- All seems to be going well
- An adjunct from the north campus has posted many worksheets to the cluster folder.

Action: None

ITEM #7.   Learning Outcomes for MAC1105 (Rogers).

Discussion:
- Discussion of Chapter 1 (Sec.1.1, 1.4, 1.6, 1.7, and 1.8) and Chapter 3 (Sec.3.2, 3.3, 3.4).
- 3.2, 3.3 & 3.4 are currently optional on the syllabus.
- Chapter 1 is not included in the Syllabus.
- Lake Worth Campus includes Sec.1.4 in their Syllabus.

Action:
- Sections 3.2, 3.3, and 3.4 are required.
- Polynomial functions will be graphed only in factorizes form (For Sec.3.4, questions 47 – 88 are excluded)
- The 1105 committee with decide whether Sections in Chapter 1 will be required or some of them will be optional.
- Rogers and Wilson will make changes to current schedule to reflect decisions of committee and post on cluster folder.

ITEM #8.   Textbook Update (committees).

Discussion: Committees will begin to work on Fall 2016.
- MGF 1106/07, Liberal Arts Math, 9th Ed., Angel, Abbott, Runde, 2013, Pearson
  Book will be kept for year 2017 (Terms 1 and 2). (Cox)
- MAP2302 Differential Equations, 10th Ed., Zill, 2009, Brooks/Cole
  Book will be kept for year 2017 (Terms 1 and 2). (Graziose)
- STA2023 Statistics, 12th Ed., Triola, 2014, Pearson
  Create Committee (Piccolino)

Action: Chairs need to contact publishers so that committee members can receive review copies.

ITEM #9.   Math Awareness Week 2016 on each Campus (Chairs of committees)

Discussion: Dates of MAW Week are April 4 – 7, 2016
- BG – Siassi & Carrie Thompson (SLC) – food , fun, music, and prizes.
- BR – Rogers – we are ready.
- LW – Thomasson – Triola & Larson will be speaking on 3 campuses.
- PGA – Porro – ready
- It was decided that the dates for 2017 will be April 3rd to 6th. The unanimous decision was made now so that rooms can be reserved this April.

Action: Reserve rooms for next year.

ITEM #10.   Math Projects with use of Excel (Stevens, Rogers)

Discussion:
- Demand from industries:
    o High Education and Employability.
    o High Education and Employer Collaboration.
- Projects for 1100 have been created by Stevens and Rogers for their classes.
- Goal is to better prepare students for entering the workforce.
- Stevens plans to do similar projects in Stats.
- Google spreadsheets are similar and are free.

Action: None

ITEM #11.   Choose the Cluster Chair and Scribe for the 2016/2017 School Year

Discussion: The current chair and scribe will continue in their posts.
- Chair = Cox
- Scribe = Berthiaume

Action: None

In Attendance:

Cluster Chair: Dr. Eugenia Cox
Scribe: Scott Berthiaume

1	Abbondanza	
2	Alexandre	
3	Basant	
4	Boulware	
5	Burkett	
6	Bush	
7	Domnitch	
8	Gingras	Not in attendance
9	Gordon	
10	Graziose	Not in attendance
11	Heath	Not in attendance
12	Ivanova	
13	Langston	
14	Librun	
15	Lukacs	
16	Manesh	
17	Pena-Lopez	
18	Pennea	
19	Piccolino	
20	Pick	
21	Porro	
22	Rodrigues	
23	Rogers	
24	Rosenthal	
25	Sharp	
26	Siassi	
27	Simms	
28	Siniscalchi	
29	Stevens	
30	Sullivan	
31	Talebi	
32	Thomassan	
33	Tomazewski	
34	Toohey	
35	Wilson	