

MATHEMATICS CLUSTER AGENDA

Wednesday, January 4th, 2017

Time: 1:30pm – 3:30pm

LW Campus

BA 207

ITEM #1. Discrete Math course for Suncoast High (Gingras)

Discussion: Suncoast High is teaching MAD 2104, Discrete Math, this semester. In the past, this course was offered through FAU and the high school students received college and high school credit. Suncoast has asked if we can add the course to our curriculum so that their students can receive college credit. The course is being taught by Mr. Randal Oddi, who is credentialed by PBSC to teach Calc 1, 2, 3, Differential Equations, and Linear Algebra.

After much discussion (see “concerns” below), a motion was made and seconded to approve the course with its learning outcomes and curriculum as a Special Topics course for Suncoast for this spring semester. After further discussion the motion was passed. Cluster members then discussed the possibility of developing MAD 2104 as a new addition to the college curriculum with the purpose of offering the course to all students. The outcomes and curriculum for the course would be developed by the faculty in conjunction with state guidelines.

Voiced concerns:

- Missing chapters that are needed for Computer Science majors.
- Missing graph theory.
- Should be more focused on proof writing.
- Dual enrollment, are we encouraging and feeding into “Silverdom” since it is likely that many of them will not be completers at PBSC? No, because cohorts are based on students who enroll full-time into a fall semester.
- We should determine the content.
- May not require a prerequisite of Calculus I, but College Algebra.
- Once we have approved a special topics course, it is much easier to get a regular course approved. Comparing this to the state numbering system, it seems that the syllabus is sufficient.
- GPA receives greater weighting for college credit course.

Action:

Motion (Porro): approve as a special topics for just this semester only at Suncoast High.
Seconded by Rosenthal.

Vote:

In favor: 20

Opposed: 3

Abstentions: 7

ITEM #2: MAT1033C Online Pilot Results & Recommendations. (Heath)

Discussion:

What classifies a hybrid section?

Testing center tests were via MyMathLab.

Testing center hours insufficient.

No screenings for students to enroll. A few out of state students. There is a high demand.

Recommended to continue and expand.

Testing center hours should be extended. Add instructor tips to assignments in MyMathLab.

Action:

Motion (Heath): continue offering

Seconded: Abbondanza

Vote:

In favor: 26

Opposed: 0

Abstained: 6

ITEM #3. Coordination of MAT1033C exam problem sets with FAU. (Abbondanza)

Discussion: Reminder of FAU Math department study in which it was shown that our students were performing the lowest among transfer students. FAU asked to share resources in exchange rooms. They've been given our final exam to review. Consideration for forming a common exam. Separate, and future issue is prerequisite for our Survey of Calculus.

Action: None.

ITEM #4. Intermediate Algebra I and Intermediate Algebra II (Rogers)

Shortly after the implementation of SB 1720, Santa Fe College decided to offer intermediate algebra in two ways:

1. They offer the course over two semesters, the first half of the course in fall and the second half of the course in the spring.
2. They offer a traditional MAT1033 combo in one semester.

I contacted the department chair to see how it works for them, they say it works well and offered to contact the IR dept. to provide us with any specific data questions.

Santa Fe College [Curriculum Map](#)

I am curious to get your opinions, and see if you all think this is worthwhile to investigate.

Discussion: Cluster feels the way we are currently handling 1033 is sufficient.

Action: No need to investigate this option. No action.

ITEM #5. Textbook Update (committees).

Discussion: Committees

- MGF 1106/07, Liberal Arts Math,
- MAP2302 Differential Equations
- STA2023 Elementary Statistics
- MAT1033C Intermediate Algebra

Action: Chair changed from Berthume to Abbondanza for 1033.

ITEM #6. Updates for Math Awareness Week 2017 on each Campus (committees)

The Joint Policy Board for Mathematics has made some changes to MAW and will no longer be selecting a theme for the month. Each campus will use the same theme, which will be agreed upon by the faculty and staff that participate in MAW each year. The theme that had the most votes will be “Mathematics and Gaming”. The theme was chosen to incorporate various types of gaming (gambling, video games, game theory, etc.) and how mathematics plays a role.

Discussion: Theme: Gaming

Changed to Math and statistics awareness

- BG – Siassi & Carrie A. Thompson (SLC Manager)
 - Games, prizes, pizza
- BR – Finamore & Rogers
- LW – Gordon and Pena-Lopez
 - Recruiting presenters, seeking donations for prizes, math lab helping
- PGA – Porro and Thomasson
 - Pearson does not have any offers for presenters,
 - Cengage Hughes

Action:

ITEM #7. Remove the mandate that all full time faculty must teach intermediate (Update)

Discussion: Yohe has brought it before the Deans’ council and has decided to retain the policy.

Action:

ITEM #8. Gen. Ed. Questions, Solutions, and Answers (Sharp)

Discussion: Record keeping for Gen Ed., completed? Chairs check with adjuncts. 1147 course. Format should be with all questions first, and all answers together at the end to discourage copying and pasting the answers. Please make sure that the format and order of questions is correct and conducive for effective copying and pasting.

Question: Are we the only college doing these assessments? If so, why?

Yes, all SACS accredited, but may be done in a different way. For instance, this may be a way to replace scenarios.

Action: None

ITEM #9. Proposal to Add Coverage to MAT1033C (Talebi)

Discussion: Add chapters 1 and 2 and section 7.3? We already cover everything that we are mandated to, and nothing more.

Action: None

Scribe: Carrie Stevens

1/6/17

Abbondanza, Zalmond
Gingras, Robert
Alexandre, Cynthia
Barad, Michael S
Basant, Garfield A
Berthiaume, Scott F
Boulware, Roy C
Burkett, Gail G
Chan, Kenny
Finamore, Timothy R
Gordon, Jermaine A
Graziose, James T
Heath, Laura A
Ivanova, Elka T
Knysh, Nataliya
Langston, Marie A
Librun, Witny
Lukacs, Olimpia K
Millan, Zenaida G.
McCallister, Laura L
Opritsa, Alex A
Pena-Lopez, Jessica
Piccolino, Anthony V
Pick, Joseph R
Porro, Ana M
Rodrigues, Justin K
Rogers, Bridget P
Rosenthal, Ira A
Sharp, Barbara Y
Siassi, Tony
Siniscalchi, Timothy
Stevens, Carrie L
Sullivan, Clark S
Talebi, Massoud
Thomasson, Kathryn J
Wilson, Rose A

David Simms