8/23 to 9/3/2015 Curriculum Committee E-vote – MAT1100 Quantitative Reasoning (AA)
From: Gamble, Kathleen A
Sent: Thursday, August 27, 2015 4:53 PM
To: Aikhionbare, Victor E; Armas, Teresa T; Berkowitz, Irving; Chambers, Lauren R; Christensen, Cheryl S; Espinosa, Zenaida I; Fairbanks, Tod R; Gingras, Robert; Horvath, Elizabeth I; Jordan, Lilian R; Judd, Cynthia B; McDonald, Amy L; Pedersen, Ginger L; Ponciano, Henry; Shreve, Richard R; Singer, Doreen L; Tiggle, Michele T; Trigoboff, Debra
Subject: CC Evote MAT1100 Quantitative Reasoning (AA)
Importance: High

Hello, everyone. And welcome to the new academic year!

Curriculum Committee has provisions for electronic votes when directed by the VPAA. Dr. Pedersen has asked to expedite the review and approval of the course action below prior to our first meeting in September. The new course MAT1100 Quantitative Reasoning was approved by Deans' Council by evote August 21-26th.

According to Curriculum Committee policy (1/24/02), the committee has five (5) working days to respond to this email with a vote. The actions will pass or fail based on the number of votes collected by this time.

Mathematics

<u>New Course</u>   **Effective January 2016**
MAT1100   Quantitative Reasoning (3 credits, 3 lecture hours, AW Grading method, Prerequisite:
                       None for exempt students. PERT of 113 for nonexempt students, or completion of
                       MAT0022 or MAT 0056, No special fees)   3 credits

<u>Revised Courses</u>   **Effective January 2016**
MGF1106   Liberal Arts Mathematics (AA) (Add MAT1100 (with a grade of C or higher) to prereqs;
                       placement scores and rest of course remains same.)   3 credits
MGF1107   Finite Mathematics (AA) (Add MAT1100 (with a grade of C or higher) to prereqs;
                       placement scores and rest of course remains same.)   3 credits
STA2023   Statistics (AA) (Change prereqs from MAT1033C to MGF1106 or MGF1107 (with a grade
                       of C or higher); placement scores and rest of course remains same.)   3 credits

<u>Justification</u>: Students in non-STEM, non-Business majors presently need to pass the rigorous MAT 1033C in order to enroll in MGF1106 and MGF1107. These credit classes do not require the extensive algebra of MAT1033C in order to be successful. An alternate course offering of an introduction to concepts of probability and statistics, concepts of geometry, set theory, logic, graphing, critical thinking, mathematical reasoning and numeracy would better prepare them for the liberal arts, statistics pathway.

You will find the support documents attached. Please review these documents and indicate your approval or rejection by selecting the appropriate voting button at the top of this message. **You must open the message completely to see the voting buttons.** For those using Outlook Web Access, please reply as a normal e-mail with approval or rejection. (Voting buttons do not work through this system.)

If you have any questions or concerns about this action please include these inquiries in your voting response or contact me at 1-3893. I will follow-up with the curriculum initiator and send out another voting e-mail if necessary.

Please respond to this request by **September 3, 2015.** Approval will be based on the majority of responses received from Curriculum Committee members by this time.

Thank you for your assistance. Do not hesitate to call if you have any questions or concerns.

I look forward to hearing from you.

Kathleen A. Gamble

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Revised Vote Request

From: Gamble, Kathleen A
Sent: Friday, August 28, 2015 3:22 PM
To: Aikhionbare, Victor E; Armas, Teresa T; Berkowitz, Irving; Chambers, Lauren R; Christensen, Cheryl S; Espinosa, Zenaida I; Fairbanks, Tod R; Gingras, Robert; Horvath, Elizabeth I; Jordan, Lilian R; Judd, Cynthia B; McDonald, Amy L; Pedersen, Ginger L; Ponciano, Henry; Shreve, Richard R; Singer, Doreen L; Tiggle, Michele T; Trigoboff, Debra
Subject: CC Evote MAT1100 Quantitative Reasoning (AA) Correction
Importance: High

Hello everyone.

Assistant Dean Henry Ponciano brought up a concern about the change to the prerequisites for STA2023 Statistics. (Attached email and dialogue with Gail Burkett, Mathematics and Dr. Pedersen.)

Professor Burkett has agreed to the change and Dr. Pedersen has approved revising the proposed prerequisites to accommodate the concerns voiced.

Revised Course   Effective January 2016
STA2023   Statistics (AA) (Change prereqs from MAT1033C to MAT1033C OR MGF1106 or MGF1107
               (with a grade of C or higher); placement scores and rest of course remains same.)   3 credits

Justification for Change:

From: Ponciano, Henry
Sent: Thursday, August 27, 2015 6:01 PM
To: Gamble, Kathleen A
Subject: RE: CC Evote MAT1100 Quantitative Reasoning (AA)

Hello Kathy,

I have a concern regarding the prereqs for STA 2023 and its impact on Business majors and those STEM majors where STA 2023 is required.

The required math courses for Business majors are STA 2023 and MAC2233 (Survey of Calculus). The prereq for MAC2233 is MAC1105. The prereq for MAC1105 is MAT1033c. Under the proposed change a Business major would need to take MAT1033c and MGF1106 or MGF1107 before they can register for MAC1105 and STA2023.

UF's Animal Science program is one example of a STEM major that will also be impacted by this change. They require students complete STA2023, MAC1147 and MAC2311. These students will need MAC1105 before working their way up to the higher level MAC courses and required science courses such as CHM 1045 and PHY2053.

I recommend the prereqs for STAT 2023 be listed as MAT1033c or MGF1106 or MGF1107. This will enable both STEM and NON-STEM students to prepare for the necessary additional math (and in some cases science) courses required for their majors.

Thank you,

Henry

Review the documents attached.

- If you have already voted and you do not wish to change your vote, you do not need to do anything.
- If you have already voted and want to change your vote based on this revision, click on the voting button or respond directly to your email with your vote. You may vote for all or part of the actions requested.
- If you have not voted, click on the voting button or respond directly to your email with your vote on this revision to the proposed curriculum action along with the other proposed curriculum actions. You may vote for all or part of the actions requested.

Thank you for your consideration in this updated request. If you have any questions or concerns about this action please include these inquiries in your voting response or contact me at 1-3893.

Please respond to this request by **September 3, 2015.** Approval will be based on the majority of responses received from Curriculum Committee members by this time.

Kathy Gamble
Academic Services

Committee Responses (10 approved, 7 no response)

Espinosa, Zenaida I	Approve: CC Evote MAT1100 Quantitative Reasoning (AA)	Fri 8/28/2015 1:55 PM
Trigoboff, Debra	Approve: CC Evote MAT1100 Quantitative Reasoning (AA)	Thu 8/27/2015 7:17 PM
Singer, Doreen L	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Tue 9/1/2015 8:20 AM
Horvath, Elizabeth I	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Mon 8/31/2015 12:58 PM
Armas, Teresa T	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Mon 8/31/2015 9:17 AM
Tiggle, Michele T	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Sat 8/29/2015 7:38 PM
Fairbanks, Tod R	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Sat 8/29/2015 8:31 AM
Christensen, Cheryl S	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Fri 8/28/2015 10:07 PM
Gingras, Robert	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Fri 8/28/2015 4:12 PM
Ponciano, Henry	Approve: CC Evote MAT1100 Quantitative Reasoning (AA) Correction	Fri 8/28/2015 3:26 PM