MINUTES OF A QEP ASSESSMENT COMMITTEE MEETING

April 27, 2023 (11:03AM – 12:05PM)

A meeting of the QEP Assessment Committee was held on April 27, 2023, at Reaud 304.

Attendance:
Samuel Jator, Theresa Hefner-Babb, Freddie Titus, Jarrod Rossi, Kyle Boudreaux, Jackie Jensen-Vallin, Kye Kang

Kye Kang recorded the minutes at the meeting and summarized it afterwards. The minutes is distributed to the members on May 3, 2023.

Main discussion items are starred (*).

**QEP Yearly report: 2022-2023**
- Due August 2023
- Will make an effort to get pictures/artifacts of our activities for yearly and the final QEP reports. (Kye)
- Data assessment and results in the Comprehensive Report 2020 – 2022 will be updated. (Kye)
- * What do you want to include/see in the yearly report?
  - Jackie will provide QEP dataset compiled by Paul Dawkins – email Jackie about it
  - Kye received the dataset.

**Communicating the findings with QEP faculty**
- The comprehensive report 2020-2022 has been shared with QEP faculty; A Q&A session is scheduled in early May.

**PDP (Postsecondary Data Project) and DEI Fellowship**
(Dr. Hefner-Babb)
- Lamar University joins the Postsecondary Data Project with National Student Clearinghouse. DEI Fellowship with focus on student success in Math starts.
- Initial dataset is provided by Dr. Boudreaux.
- (Theresa) This is an internal project on alignment of grades, students, and faculty for core courses.
- (Jarrod) Commented on DEI state ban recently proposed at Austin
- (Freddie) Can DEI label out from the project.
- (Kye) Kye will look at the dataset (5 year historical data when the Spring grades are available in May).
- (Theresa) Will need some results for the presentation in July.

**Math Pathways and Declaration of Intent (DOI)**
- No change since the last report, December 2022; 14 programs undeclared.
  - COEHD wants a pathway (MATH 1316 - trig, MATH 1342 - stat): needs work
- Department: SPHS
- The meeting with the chair Jo Boult
  - Requirements for certification to become a practicing clinician are updated to include specifically Chemistry or Physics (from a general physical science) in 2020. Mathematics prerequisites for those courses include MATH 1314 College Algebra. So, there core requirements are (MATH 1314, MATH 1342) or (MATH 1314, PSYC 2307). Neither is in the current math pathways.
  - * Do we add a new pathway or consider this as an exception while keeping the original six pathways?
    - (Samuel, Theresa, and Jackie) Creating another pathway is not a recommended because this is an isolated incident, and we may end up with many more new pathways in the future.
    - (Theresa) This will be an exception due to accreditation requirement.
    - (Jackie) Physics or Chemistry may remove math 1314 as prerequisite for their general Physics or general Chemistry? Jackie may look for this possibility. If they remove math 1314 as a prerequisite, then SPHS may go with (math 1332, math 1342) pathway.

The current math pathways:

Non-algebraic pathways:
- (MATH 1332, MATH 1342)
- (MATH 1342, PSYC 2317)

Algebraic pathways:
- (MATH 1314, MATH 1316)
- (MATH 2311, 2312, 2413, 2414 – Precalculus/Calculus)
- (MATH 1324, BUAL 2310)
- (MATH 1314, MATH 1350)

QEP Student Survey: Spring 2023
- Participants: Students enrolled in any math pathway courses during Fall 2022 or Spring 2023
- (Kye) The survey is running now.

QEP Faculty Survey: Spring 2023
- * Questions to be included? Considerations?
  - How do you feel about students?
  - Do you need Prof. development opportunities?
  - Are your students proper placed in your QEP courses?
  - Some questions about Pathways or courses?
  - Content/time; horizontal alignment; preparation and sequencing issues
  - Delivery modality
  - Corequisite should be in-person class even with online regular course?
  - Last orientation -> online courses -> Not good for freshmen; How do we place week students in in-person classes?
  - Limit online courses to one or two for freshmen courses?
- Not open all (in-person) sections to all; save some for late orienteers
  - 8:00AM (Jackie’s way); Freddie liked it
- Manageable class size? In-person and online separately, money aside.
- QEP worthy?
- Corequisite is helping students?
- Did find any correlation between student performance in Corequisite and Regular classes?

- Send questions to Kye > First draft > Shared > Final draft > Shared and finalized

**One page visual flyer for MATH Pathways**
- (Kye) Created and used for the TSI workshop for local high school students in April 2023.

**One page visual flyer for each MATH Pathway for UAC advisors**
- A meeting is set up with Dr. Jensen-Vallin, UAC Director, and Kye next week.
  - Jackie, Elizabeth Lea (UAC Director), Dawn Short (UAC Associate Director), Paul Dawkins (Professor, Math), and Kye had a meeting on 5/2/23.
  - Decided to create a flyer or card for each pathway before June 16th, the first advising session; this card or flyer will have a QR code for students; Design and creation will be done with Amanda Toups (Creative service in Marketing). The design will assume it will be used by students, parents, and UAC advisors.

**Update the QEP Website and the information there**
- (Kye) This item is a summer (2023) project.

**On-demand Evening Homework Help (New Service)**
- Submit questions with photos and get responses in images.
- Dr. Hefner-Babb supported two math tutors this spring for the project
- Launched this spring 2023
  - Initially on MATH 1332 and MATH 2311, later MATH 1324 and MATH 2312 added
- Dr. Jackie helped a lot to make this happen
- Tim Smith and Ed Long in the Digital Learning
- Late start and marketing/advertisement including in-class demos
- Low participation: we will investigate why further with the survey
- Plan to run at least for another semester in the fall with just one math tutor
- Submitted the proposal to DARPA AI Tools Competition for Adult Learning ($50,000)
  - Passed Phase I competition, and advanced to Phase II competition.
  - Did not win the Phase II competition (notified on 5/1). But, we will try at least one more semester in the fall.
- (Jackie) Suggested to contact Physics professor, Rafael de Madrid; he had some success on online tutoring.
- (Theresa) Maybe the service hours was not optimal?

**Budget update**
(Dr. Hefner-Babb)
- Same budget as last year including $9,000 for math tutors and $8,000 for travel.
- $21,000 Other expenditure before June 30; before May 31 for technologies.
- $4,000 (Set aside for National Clearing House?)
- $17,000 for educational materials, technology (calculators), and etc.