

EL CAMINO COLLEGE
MATHEMATICAL SCIENCES DIVISION FLEX DAY MEETING
August 22, 2019

NASA PRESENTATION – EDWIN AMBROSIO

During fall 2018, Edwin Ambrosio was approached by ECC students to participate in a NASA competition called MUREP Innovation and Tech Transfer Idea Competition (MITTIC). MUREP (Minority University Research and Education Project) provides financial assistance to minority serving institutions. They assist faculty and students with research to provide STEM engagement.

NASA opened the competition to minority serving institutions. The goal of the competition was to take NASA patented products and create another usage for public consumption.

E. Ambrosio’s students submitted a concept paper to NASA and after it was approved, the group went on to give a “space tank” presentation. The group pitched the idea for wireless access points. Their vision was to have free municipal Wi-Fi for underserved communities.

ECC won the competition and have formed a startup company. The group is currently working on marketing, small business grants and business partnerships. Contact E. Ambrosio if you are interested in participating.

ACKNOWLEDGEMENTS

Dean J. Sims provided service awards to the following faculty:

- 5 years - Matthew Mata
- 5 years - Benjamin Mitchell
- 5 years - Satish Singhal
- 10 years - Ashod Minasian
- 10 years - Arkadiy Sheynshteyn
- 15 years - Susan Bickford
- 15 years - Arturo Martinez
- 20 years - Linda Ho
- 20 years - Paul Yun
- 30 years - Jill Evensizer

She also announced Diaa Eldanaf, Dominic Fanelli and Solomon Russell's tenure status.

Dean J. Sims thanked those serving in leadership roles.

David Ramirez was presented with an applause card.

FLEX DAY WORKSHOPS

Data Science: Alice Martinez and Solomon Russell will host this workshop. UC Berkeley would like community colleges to begin offering a Data Science course. The workshop will provide more details on this rapidly growing field.

NASA Lunar and Mars Missions: Paul Yun will host this workshop. He will discuss planet Mars and its future within the next 10-20 years.

SITE: Lars Kjeseth will host this workshop. All are invited to attend to learn what SITE is about.

OPEN EDUCATIONAL RESOURCES (OER) - OSCAR VILLAREAL

The college is pushing to having more classes with Open Educational Resources (OER). The college will begin distinguishing which classes offer OER.

HIRING UPDATES

Math Study Center Coordinator: Committee members met during the spring semester for this position. However, a finalist was not selected. Adjustments were made to the job description and will be reposted

Hiring Prioritization Forms and Committee: The hiring prioritization process has already started. Dean J. Sims recommended we form a hiring committee now to avoid delays with the hiring process should we be approved for new full-time faculty positions. Email Dean J. Sims and Marta Maaza if you are interested in being on the hiring committees for Math, Engineering or Computer Science faculty positions.

EVALUATIONS

Evaluatees have a checklist of the items that need to be turned in along with due dates.

Evaluators should make sure that evaluatees cover all items in the self-evaluation. Evaluators have to keep evaluatees accountable.

Trudy Meyer discussed her experiences with evaluations and provided advice on what faculty should look for.

MATH STUDY CENTER – DAVID RAMIREZ

Tutors will be provided for parent courses. The goal is for tutors to be there are on the first day of class.

There will be a tutor training session on Friday, August 23, 2019.

There are many new renovations in the tutoring center funded by the BSSOT and BSI grants.

AFT – GREG FRY

Faculty will be in negotiations this year. The entire contract is up for negotiation including benefits, retirement, evaluations, and salary. Meeting dates will be sent out via email. It is not too late to join the Union Team and assist in reading parts of the contract.

ANNOUNCEMENTS

The Student Health Center sent an email regarding a measles outbreak and provided advice on who may need boosters. Dean J. Sims will forward this email.

Prior travel reimbursement approval is required before paying for registration, flights, hotel, etc.

ECC is now using Cornerstone for flex credit tracking. Faculty will now be required to submit a flex plan to provide Professional Development with an idea of how they plan to meet the flex requirements. This is a requirement from the Chancellor's Office.

MESA Updates (Art Hernandez): MESA has its highest number of transfers last year at over 200 transfers. MESA is working on bringing in new students. Resources to serve students is of concern. We are working to make sure we have enough support.

New Classroom Furniture: Desks and chairs on wheels have been on our Program Plans for years. Thanks to the BSSOT and BSI grant, coordinated by Lars Kjeseth and Art Martinez, respectively, we were able to fund this for all of our lecture rooms. The new furniture allows faculty the flexibility to set up classroom environments conducive to student learning and engagement. Please remind students to leave the wheels of the desks in an unlocked position as it helps move furniture more easily. Stickers were placed on each desk to remind students to leave desks unlocked. Rooms will no longer be designated as rows/columns or groups.

The BSSOT and BSI grants were also able to fund the laptop carts that are in many classrooms.

Edwin Ambrosio is hosting a welcome reception at his home today, Thursday, August 22, 2019 at 4:30pm. All are invited to attend.

AB 705 IMPLEMENTATION

We offered 33 sections of Math 80 during fall 2018, and decreased it to 12 this semester. This means we now have more students that are going to be in our transfer level courses.

Math 150 sections increased from 32 sections during fall 2018, to 61 sections this semester.

ECC MATH PORTAL RESOURCES

Dean J. Sims showed faculty where they can find resources for the laptop carts and the corequisite guidance folder on the portal.

COREQUISITE GUIDANCE

For instructors teaching corequisites this semester, keep in mind students may be coming in with a basic skills mentality. You may need to remind students of college survival skills, i.e. studying, doing homework, attending class.

Refresher activities are available on the portal. Associate Dean M. Lemons created a corequisite guidance sheet and sample syllabi that are also located on the portal.

One of the main questions instructors have is if students have to receive the same grade in both the parent course and support course. Students should receive the grade they earned. The courses should be seamless. Assessments should be given at random times so students do not blow off the corequisite course. Be creative to make sure that the parent and corequisite course are as seamless as possible and material is taught fluidly between both courses. If this is done, we expect the grades will be consistent between the two courses.

There may be occasions where grades are not consistent (i.e. a student passes the support course but not the parent course). We will work with our current registration system to determine how a student can repeat just the parent course.

There may be cases where a student passes the parent course but not the support course. It is important that we think about how to avoid this challenge as it may mean the support and parent courses aren't taught seamlessly and students are blowing off the support course. If an exam is given during the support course and a student misses it, then that should also count towards the parent course.

If a student fails both the parent and support classes they will need to retake both.