A. Faculty Present

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<tr>
<td>Jennifer Aguayo</td>
<td>X</td>
<td>Neeti Mittal</td>
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<td>Greg Allen</td>
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<td>Kim Pham</td>
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<td>Alyson Butcher</td>
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<td>Mel Vaughn</td>
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<td>Brad Chin</td>
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<td>Amy Vu</td>
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<td>Chris Dyer</td>
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<td>Betty Weiss</td>
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<td>Gretchen Ehlers</td>
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<td>Larry Handa</td>
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<td>Rebecca Hiller</td>
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<td>Robert Lieberman</td>
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<td>Kristen Jackanich</td>
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<td>Faun Maddux</td>
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B. Reminders

1. Future Department Meeting Dates in SM – 12
   a. Friday, November 17 at 9:00 am in SM – 12

2. Faculty evaluations will be due by the end of November. Please complete your evaluation soon and pass on your follow-up notes to me.

C. Announcements

1. For spring 2018, Math 901 and the evening Math 902P will not be offered. Noncredit courses offered on TTh, 2:05 – 4:05 pm will replace Math 901. Noncredit course offered on TTh, 6:00 – 8:00 pm will replace the evening Math 902P.

2. Math TMP 1 and TMP 2 will be offered for the first time this winter. Brad Chin is teaching them and the courses are offered January 8 – 12. There are four mandatory meetings from 12:30 – 2:00 pm. Please advertise Math TMP 1 to your intermediate algebra students who wish to take Math D, 1, 2, 8, and 12. Please advertise Math TMP 2 students to your Math D, 1, and 2 students who wish to take Math 3A.

3. AMATYC contest is Thursday, November 2, in SM – 36. Students may arrive anytime between 4:45 - 5:15.

4. Dual enrollment.
   The college is considering the possibility of offering WVC courses at high schools in the Campbell Unified School District. Students would enroll in these courses as high school students. WVC students could enroll if the classes are not offered at the times the high school is in session. The goal is to attract more students to take classes at WVC when those students graduate. The Math Department chair was asked which courses the department should offer. Chris indicated that Math 106S and 10 made the most sense. The Office of Instruction is reviewing how to make this logistically possible.

D. Agenda Items

1. Report from faculty who serve on campus committees. (All)
• SLAPEC: Mini-Program Review due November 17. The Elumen site is preparing for program review submissions.
• Student Success: A website is being generated for free PG&D projects. Michelle Francis will email a link to the college.
• Sustainability Committee: Biology and Math have merged on the Crochet Coral Reef project. There will be a lecture on April 19. Crocheters can teach people how to crochet and this illustrates how coral reefs are formed.

2. Shannon demos. (Shannon)

Title: Precalculus Exam Review
Description: Using a few techniques learned at this year’s On Course Conference, I put together an exam review session for precalculus students with two main points:
• Making sure the students are ready for the exam by understanding the course material
• Making sure the students are ready for calculus by teaching them some academic “soft” skills

Future order for faculty to present:
Jenny, Betty, Alyson, Kim, Chris, Gretchen, Neeti, Faun, Rebecca H., Greg, Rebecca W., Kristen
Shannon was out sick this meeting. She will present when she is able to. Mel, will present his sabbatical project during the next department meeting.

3. Larry will dazzle us with his knowledge in a teaching/learning activity. (Larry)
Larry presented a vector proof if the midsegment theorem from geometry and derived the second partials test for relative extrema of functions of two variables.

4. Precalculus application preference. (Chris and Shannon)
Betty, Jenny, and Kim have volunteered to make a master list of application based on faculty rankings. The department will continue to address challenges with application problems. There were discussions on how we can get the whole department on board with emphasizing applications within all classes. More will be discussed at the next department meeting.

For a future activity: We will agendize a day where faculty will review tests of other faculty and have a discussion on how the tests were constructed.

5. DESP notecards for Math D, 1, 2, and 12. (Chris)
Teams will put together department approved DESP notecards for students who have a DESP accommodation that permits notes on tests.
• Math D, 1, and 2: Betty, Jenny, and Kim
• Math 12: Faun., Larry, and Shannon
The goal is to have these notecards ready by the next department meeting and in use for final exams this term.

6. SLO results from spring 2017 and discussion for 2017 – 2018 academic year: (Larry and Betty)
• For Math D, SLO 1 (solve a trigonometric equation) had satisfactory results (38/48 = 79.2%).
- For Math 8, SLO 1 (solve a linear programming problem using the simplex method) had satisfactory results (6/7 = 85.7%) and SLO 2 (use counting techniques to find the probability of an event in a real-world situation) had satisfactory results (7/7 = 100%).
- For Math 10H, SLO 1 (given visual displays of the distribution of several variables, students will compare and contrast the distributions, including discussions of center, spread, symmetry, skew and outliers) had satisfactory results (19/19 = 100%) and SLO 2 (given the description of a study in which an interval estimate or the result of a hypothesis test is provided, students will interpret the results of the interval estimate or hypothesis test) had satisfactory results (17/18 = 94.4%).
- For Math 103, SLO 1 (develop and apply linear equations that model real-world relationships) had unsatisfactory results (143/223 = 64.1%).
- For Math 106, SLO 1 (analyze, apply, and interpret quadratic or exponential functions) had unsatisfactory results (193/313 = 61.7%).

We recommend that SLOs be evaluated for Math 103 SLO 1 and Math 106 SLO 1 in the fall semester of 2017. We are not recommending evaluating SLOs for Math 8 and Math 10H in the spring since they had had satisfactory results each time. We are planning to evaluate SLOs in Math G in the spring (assuming the class goes).

We should probably evaluate SLOs in the Math 104R and Math 903P/106P being held over winter session. The next time that we evaluate SLOs in all of our math courses will be in spring 2019.

Discussion points:
- We need more faculty to comment on the reflections which leads into the bigger department discussion. Faculty need to be more detailed in your responses.
- What can be done to improve scores on the application SLOs for Math 103 and Math 106? We should be doing better on these SLOs

After SLOs are evaluated, the department should discuss the SLO results and faculty comments early in the following semester.

7. Review of accomplishments, goals, and challenges. Planning for the future. (Chris)
Agendized for the next meeting.