A. Faculty Present

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Present</th>
<th>Absent</th>
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<tbody>
<tr>
<td>Jennifer Aguayo</td>
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<td>Greg Allen</td>
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<td>Alyson Butcher</td>
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<td>Brad Chin</td>
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<td>Chris Dyer</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>Kristen Jackanich</td>
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<td>Faun Maddux</td>
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<td>Neeti Mittal</td>
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<td>Kim Pham</td>
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<td>Mel Vaughn</td>
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<td>Amy Vu</td>
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<td>Betty Weiss</td>
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<td>Rebecca Wong</td>
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<td>Shannon Wong</td>
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<td>Robert Lieberman</td>
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B. Reminders

1. Future Department Meeting Dates in SM – 12
   a. Friday, October 27 at 8:30 am in SM – 12 – this will be a hybrid meeting. We will schedule for summer/fall 2018. Shannon and Larry will present!
   b. Friday, November 17 at 9:00 am in SM – 12

2. Faculty evaluations will be due by the end of November. Please conduct all faculty observations by the end of October at the latest.

3. Early Alert Submissions Due: Monday, October 2

4. Spring 2018 Schedule: No White Copy for Faculty to Review

C. Announcements

1. Committee Listing / Faculty Responsibilities and Substitute Availability posted on Canvas website.

2. If there is a restriction on notes you allow for a test, state a consequence of for the student violating that restriction.

3. Course name and number revisions for Math 103, 103R, and 106S. Math 103/103R is being renumbered to Math 903/903P and Math 106S is being renumber to Math 105 and titled Pre-Statistics.

4. CalPASS+ and Placement. (Gretchen)

   Piloting students who will take placement test beginning in November for spring 2018. Estimate that the college will only observe placements for the 100 – 200 students.

D. Agenda Items

1. Comments and recommendations from the department regarding the dean structure. (Leticia Gallardo)
Leticia is the science representative on the dean hiring committee. She is reaching out to faculty to ascertain what qualities faculty desire from a dean as well as what the dean should build on that is already present at WVC. Administration is looking for brand, innovation, outreach, grants, and more ties to industry with the goal of drawing in more students. The strengths of the Science/math division are the MRC, new planetarium, FYE, science garden, and efficiency. There was talk of redesigning the old planetarium into a science resource center, expanding science fair (like in STEM club), faculty doing more outreach with students, and looking at ways to expand STEM Core.

2. Cheryl Miller would like to create a DESP Math 903 class. (Cheryl Miller)

This would be an educational assistance course for elementary algebra students. DESP currently offers LS 944, which is equivalent to Math 902P. This course would have a support lab and other services. DESP staff and faculty will work together so that Math can observe those students’ exposure and DESP can assess how well the students need to be prepared in Math 106. The department approved DESP’s request to move forward with the course.

3. Report from faculty who serve on campus committees. (All)

Amy Vu’s update from the EEO Diversity Council:
An email was sent out at the beginning of the month about four trainings (see below). The due date for these trainings is September 30. If you haven’t completed the training, the members of the EEO Diversity Council would really appreciate it if you logged in and completed it.

- Discrimination: Avoiding Discriminatory Practices (Full Course)
- Sensitivity Awareness (Full Course)
- Discrimination Awareness in the Workplace (Full Course)
- Diversity Awareness: Staff-to-Staff (Full Course)

Go to: https://wvm-keenan.safecolleges.com/
Your login is: wvm######## (wvm followed by your 7 digit ID number)

4. Pass/No Pass option for 903/903R. (Chris)

The department voted Yes unanimously. Faculty will need to have student complete a Pass/No Pass form and submit it to A&R if they opt for that grading option.

5. 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:
Larry, Jenny, Betty, Alyson, Kim, Chris, Gretchen, Neeti, Faun, Rebecca H., Greg, Rebecca W., Kristen
This is agendized for October’s meeting. Shannon and Larry will present.
6. Scheduling for evening classes. We are often short on instructors for night classes? What can be done to entice or require full-time faculty to occasionally tech at night? (Chris)

   There was a brief discussion, but I will follow-up over email.

7. Calculus text needs to be replaced. Textbook committee required. (Chris)

   Faun, Rebecca H, Larry, and Kim have volunteered. We hope to have a decision by the start of the spring semester.

8. Precalculus application preference. (Chris and Shannon)

   Agendized for the October meeting.

9. 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.
   - 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

   Agendized for the October meeting.

10. Review of accomplishments, goals, and challenges. (Chris)

    Agendized for a future meeting.