

CHAFFEY COLLEGE
CURRICULUM COMMITTEE MEETING
RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204
FONTANA CAMPUS, FNAC 100
CHINO CAMPUS, CHMB 143
TELECONFERENCE #6759
SUMMARY NOTES
October 11, 2017
1:30pm-3:00pm

Members Present:

Angela Burk-Herrick, Mathematics & Science
Annette Henry, Kinesiology, Nutrition, & Athletics
Ardon Alger, Faculty Senate President
Charmaine Phipps, Language Arts
David Schlanger, Catalog/Schedule Coordinator
Elaine Martinez, Kinesiology, Nutrition, & Athletics
Helen Leung, Counseling
Jason Chevalier, Dean, Visual & Performing Arts
John Machado, Visual & Performing Arts
Linda Marcotte, Social & Behavioral Sciences
MariaIsabel Sandoval, Student Representative
Marie Boyd, Curriculum Chair
Mark Ford, Chino Representative
Megan Keebler, Instructional Support

Meridith Randall, Associate Superintendent of Instruction and Institutional Effectiveness
Naomi McCool, Social and Behavioral Sciences
Rob Kopp, Mathematics & Science
RuthAnn Garcia, Interim Transfer Center
Sean Stratton, Articulation Officer
Sharon Awad, Administrative Assistant II, Curriculum
Shelley Marcus, Library Learning Resources
Stephen Calebotta, Language Arts
Stephen Shelton, Vice Chair
Wanda Baker, Business & Applied Technology
Vanessa Thomas, Business and Applied Technology, High School Articulation

Members Absent:

Daniel Jacobo, Visual and Performing Arts
Jeffrey Laguna, Health Sciences
Kathy Lucero, Admissions and Records
Lucy Serrano, Counseling

Marlene Soto, Health Sciences
Michael Escobosa, Health Sciences
Patricia Bopko, Financial Aid
Tracy Kocher, Business & Applied Technology

Guests:

Garrett Kenehan, Instructional Support
Robin Witt, Mathematics

1. **Call To Order/New Committee Members:** The meeting was called to order at 1:37p.m.
2. **Public Comment:** No comment.
3. **Review and Approval of October 4, 2017 Expanded Summary Notes:** The summary notes were approved by all voting members in attendance.
4. **Discussion Items:**
 - 4.1. **MATHSway Presentation:** The Articulation Officer began discussion of the Math 450, 550, and 650 pathway. He shared his observation of the title of Math-450, "Preparation for Transfer Math". Math-450 will be one level below transfer and the title may dissuade students from taking the course who do not have a goal of transferring. The committee's Student Representative agreed that students may be deterred because many of them make their class choice based upon title. Should this course be a terminal Math course in a local AA degree, the title may be misleading because it implies the need to continue. Garrett Kenehan shared that MATH-450 is intended for students within a pathway that would require further courses, so the title of MATH-450 was chosen to imply a transfer pathway and indicates progression. Robin Witt, Garrett Kenehan, and Rob Kopp will take this discussion back to the Math Department.

The MATHSway Team began their presentation by sharing the history of the reform efforts. Members of the 2013-2014 FIT team researched student anxiety and the corresponding low success rates in math courses. This research led to a Mathematics Department Equity Plan, which included suggestions and strategies for overcoming anxiety and promoting success in math courses. For example, the document provided concrete ways for faculty to use the concept of Mindset throughout their courses.

The committee participated in an activity similar to what students do in these courses. Each group was given a mathematical expression to perform. Other groups were to guess the expression by interpreting the performance. This activity showed the committee that there are various ways and paths to interpret the same problem, as well as how to see the nuance and precision in mathematics.

The Math department has also integrated these series by optimizing their partnership with the Math Success Center. Instructional Support is not simply disconnected supplemental hours required by students. The students begin to explore concepts in class, and then bring their own conceptions, misconceptions, and experiences to the Center where they can leverage the Center's unique pedagogical approach to develop those concepts on a more individualized basis.

Robin Witt distributed a detailed packet that had a synopsis of these courses, student testimonies, statistics for the Summer Bridge program, a pathways diagram, and a sample exam that redesigned test questions to include Growth Mindset and self-reflection, and non-traditional questions that encourage higher-order thinking skills. In addition, she showed the custom interactive student textbook that the MATHSway team created.

Robin also shared that there is a Google Drive that houses lessons with step-by-step instruction for all faculty to use as they desire. The drive also allows the tracking of feedback and a sharing of ideas amongst faculty. The team also developed the "Innovation Academy," which is a 2-day training that was created to introduce faculty to the new philosophy and pedagogies of MATHSway.

She also shared the web-based software named "ALEKS", an artificial intelligence program that is individualized for each student. The program can assess a student's background knowledge and can guide them in obtaining new knowledge.

The committee thanked Robin and Garrett for their enlightening presentation.

4.2. Revised By-Laws: The committee reviewed the revisions made and discussed the following:

- The reassigned time for the Chair and Vice Chair will be added again. The reference to Human Resources will be removed.
- An Outcomes and Assessment Representative and PSR Representative will be added to Area 2D. The Outcomes and Assessment Representative will check the presence of SLOs and report that information to the Curriculum Committee.
- CIW and Hybrid will be removed from Area 2D.
- The distribution list for the agenda will match the list for the summary notes.

4.3. COOPED Update: Tabled.

5. Guided Pathways: Tabled.

6. Miscellaneous: Dr. Randall recognized the Math and English Faculty their work in consolidating their curriculum to create an easier pathway for transfer-level course work. This in preparation for AB 705 which states that students should complete transfer level Math and English within the first year.

7. Consent Agenda: The consent agenda was approved by all voting members in attendance.

7.1. Discipline Faculty have changed the title of the Industrial Mechanics Noncredit Certificate to "Industrial Maintenance Mechanic Skills Builder I". The Curriculum Committee approved the original proposal on February 15, 2017.

8. OLD BUSINESS:

Course Modifications with DE: Second Reading

ECON-8	History of Economic Ideas	Approval: 19/0/0
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9. NEW BUSINESS:

New Courses: First and Second Reading

MATH-450	Preparation for Transfer Math	Approval: 19/0/0
MATH-550	Introduction to Algebra	Approval: 19/0/0
MATH-650	Mathematical Foundations	Approval: 19/0/0

Course Modifications: First and Second Reading

BIOL-2	Environmental Biology	Approval: 19/0/0
ENGL-475	Fundamentals of College Reading and Writing	Approval: 19/0/0
ESL-475	Fundamentals of College Reading and Writing for ESL Students	Approval: 19/0/0

New Programs: Final Reading

Industrial Maintenance Mechanic	Certificate of Career Preparation	Approval: Tabled-will be packaged with HVAC program.
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Program Modification: Final Reading

Still Photography	Certificate of Achievement	Approval: Tabled-will be packaged with new courses and deactivations.
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10. Adjournment: The meeting was adjourned at 2:54p.m.

Name	Attendance	Summary Notes	Consent Agenda	ECON-8 2 ND READING	MATH-450 1 ST /2 ND READING	MATH-550 1 ST /2 ND READING	MATH-650 1 ST /2 ND READING	BOIL-2 1 ST /2 ND READING	ENGL-475 1 ST /2 ND READING	ESL-475 1 ST /2 ND READING
Angela Burk-Herrick	X	X	X	X	X	X	X	X	X	X
Annette Henry	X	X	X	X	X	X	X	X	X	X
Ardon Alger	X		X	X	X	X	X	X	X	X
Charmaine Phipps	X	X	X	X	X	X	X	X	X	X
Daniel Jacobo										
David Schlanger	X	X	X	X	X	X	X	X	X	X
Elaine Martinez	X	X	X	X	X	X	X	X	X	X
Helen Leung	X	X	X	X	X	X	X	X	X	X
Jason Chevalier	X	X	X	X	X	X	X	X	X	X
Jeffrey Laguna										
John Machado	X	X	X	X	X	X	X	X	X	X
Linda Marcotte	X	X	X	X	X	X	X	X	X	X
Lucy Serrano										
Mark Forde	X	X	X	X	X	X	X	X	X	X
Marlene Soto										
Megan Keebler	X	X	X	X	X	X	X	X	X	X
Michael Escobosa										
Naomi McCool	X	X	X	X	X	X	X	X	X	X
Rob Kopp	X	X	X	X	X	X	X	X	X	X
RuthAnn Garcia	X	X	X	X	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X	X	X	X	X
Shelley Marcus	X	X	X	X	X	X	X	X	X	X
Stephen Calebotta	X	X	X	X	X	X	X	X	X	X
Tracy Kocher										
Vanessa Thomas	X	X	X	X	X	X	X	X	X	X
Wanda Baker	X	X	X	X	X	X	X	X	X	X
Total Counts	20	19	20	20	20	20	20	20	20	20

Non-Voting	
Kathy Lucero	
Marie Boyd	X
Marialsabel Sandoval	X
Meridith Randall	X
Patricia Bopko	
Sharon Awad	X
Stephen Shelton	X

Guests:

1. Garrett Kenehan
2. Robin Witt