CHAFFEY COLLEGE CURRICULUM COMMITTEE MEETING

RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204

FONTANA CAMPUS, FNAC 100 CHINO CAMPUS, CHMB 143

TELECONFERNCE #6759 SUMMARY NOTES

> August 23, 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

Daniel Jacobo, Visual and Performing Arts

David Schlanger, Catalog/Schedule Coordinator

Elaine Martinez, Kinesiology, Nutrition, & Athletics

Helen Leung, Counseling

Jason Chevalier, Dean, Visual & Performing Arts

Jeffrey Laguna, Health Sciences

John Machado, Visual & Performing Arts

Linda Marcotte, Social & Behavioral Sciences

Maria-Isabella Sandoval, Student Representative

Marie Boyd, Curriculum Chair

Mark Ford, Chino Representative

Marlene Soto, Health Sciences

Megan Keebler, Instructional Support

Meridith Randall, Associate Superintendent of Instruction

and Institutional Effectiveness

Michael Escobosa, Health Sciences

Naomi McCool, Social and Behavioral Sciences

Patricia Bopko, Financial Aid

Rob Kopp, Mathematics & Science

Sean Stratton, Articulation Officer

Sharon Awad, Administrative Assistant II, Curriculum

Shelley Marcus, Library Learning Resources

Stephen Calebotta, Language Arts

Stephen Shelton, Vice Chair

Tracy Kocher, Business & Applied Technology

Vanessa Thomas, Business and Applied Technology, High

School Articulation

Wanda Baker, Business & Applied Technology

Members Absent:

Kathy Lucero, Admissions and Records Lucy Serrano, Counseling

Guests:

Doug Yegge, Mathematics
Kelly Ford, Visual and Performing Arts
Luke Gunderson, Social and Behavioral Sciences

Misty Burruel, Visual and Performing Arts RuthAnn Garcia, Interim Transfer Center Sheila Malone, Visual and Performing Arts

- 1. Call To Order/New Committee Members: The meeting was called to order at 1:32p.m. The Chair introduced our new Curriculum Committee members: Naomi McCool, Megan Keebler, Helen Leung, Jeffrey Laguna, Mark Forde, and Steve Shelton as the new Vice Chair of Curriculum. She also announced current member Vanessa Thomas' new position as the Associate Dean of Strong Workforce Development. The Chair welcomed our guests: Sheila Malone, Kelly Ford, Luke Gunderson, Misty Burruel, and RuthAnn Garcia.
- 2. Public Comments: The Administrative Assistant for Curriculum reminded the committee that all meetings are recorded to ensure accuracy of summary notes. Shelley Marcus thanked the Chair for her eminent role in curriculum locally and state-wide. She also thanked the Administrative Assistant for the work she does in the Curriculum Office. The Administrative Assistant also announced that the quorum for the academic year is fourteen.
- 3. Review and Approval of May 10, 2017 Expanded Summary Notes: All present voting members approved the summary notes.

4. Discussion Items:

4.1. Curriculum Committee Goals: The Chair shared the Curriculum Committee Goals for the academic year. Clarification was needed from some members on the AP Score Consistency goal. The Catalog and Schedule

Coordinator clarified that AB 1985 went into effect this fall semester and requires the Community Colleges to align with a standardize applicability of AP Exams to the local general education pattern of the community colleges. As of this semester, Chaffey College now accepts all AP Exams (with the exception of five) in which the college must apply credit for the General Education areas toward graduation. Faculty still determine AP exam course equivalencies for local purposes (major requirement applicability, prerequisite clearances, and degree-applicable unit credit). This list is reflected in the 2017-2018 Catalog (pp. 26-27). The Articulation Officer would like each department to provide a class in which AP credit can be given. Military Credit for Prior Learning was also questioned and the Chair stated that more guidance will be given from the Chancellor's Office. There was a unanimous vote for approval for the goals.

4.2. Changes to Curricunet Queue (Flow Chart): The Administrative Assistant presented the Curricunet Flow Chart in document form and with a live viewing in Curricunet. The Curricunet queue has been updated to align with the streamlining efforts of the Chancellor's Office. Some changes include the rearrangement of the steps in the approval process. Internal Review is now placed at the forefront to ensure Curriculum was discussed with the department before being reviewed by the Technical Review Committee. Technical Review committee will then review and move a proposal forward straight to the Curriculum Committee, a common practice statewide. The new Curricunet Queue also removes the Extended Approval process discussed last year.

A major change made the process was the removal of the Coordinator step. A question was also posed from the Curriculum Office as to whether or not the Discipline Review step is needed in the queue process and if that step actually determines that discipline faculty were consulted in the process. Discussion ensued both favoring the removal of the Coordinator and opposing the removal. Discussion that supported the removal was centered on the ideas that Coordinators are to assist the Deans and the Deans already have an approval step. Those is disagreement believe that Coordinators have a stronger role in curriculum and should remain in the queue.

Similar points were discussed in regards to Discipline Review. Many members voiced their concerns at the possibility of removing this step. They believe discipline faculty should remain in the approval process and be able to comment on the Curriculum in Curricunet. The Chair and CIO shared that all Curriculum items should ideally be discussed during School/Department meetings especially during FLEX. That ensures that discipline faculty are aware of the Curriculum projects for the upcoming academic year. The Chair asked everyone to consider the points discussed and to be ready to vote on the process at the next meeting.

- **4.3.** Curriculum Guidelines for Review: Discussion was integrated with item 4.2. and will be continued at the September 6, 2017 meeting.
 - 1. **Dean**
 - 2. Curriculum Representative
 - 3. **Discipline Review**
 - 4. Technical Review Committee
 - 5. Curriculum Committee Member
 - 6. Others:
 - 4.3.6.1. **Faculty**
 - 4.3.6.2. **Faculty Senate**
 - 4.3.6.3. **Governing Board**
- **5. Board Report:** There is a comprehensive Monitoring Report of all approved Curriculum during the 2016-2017 academic year. To see a list of all curriculum approved by the Governing Board during the 2016-2017 academic year, please view the public Curriculum folder on the Z-drive and select the "End of the Year Reports" folder and click on "End of Year Report 16-17".
- 6. Miscellaneous:
- 7. Consent Agenda: The consent agenda was approved by all voting members.
 - **7.1.** Per committee request on 5/10/2017, reference to laboratory assignments and laboratory projects was removed from the Methods of Instruction and Methods of Evaluation from the CISNTWK-413 COR.
 - **7.2.** Short-title for FIRETEC-10 was changed to "Wildland Fire Control" which is the title of the course.

- **7.3.** Various typos for EMT-405 and EMT-411 have been corrected.
- **7.4.** Third out-of-class assignment was added to CJ-459.
- **7.5.** Per faculty request, all "Pre-Law" language was removed and replaced with "Pathway to Law School" to match the title of the "Pathway to Law School" Certificate (formally Pre-Law Certificate).
- **7.6.** Per committee request, faculty provided an assignment for ACCT-70 which was added to the COR.
- **7.7.** Per faculty request, description for COOPED has been edited.

7.8. Course Modifications with Text Book Updates Only or No Changes

AMT-16A	Aviation Materials, Processes, Inspections & Regulations
	Aviation Science
AMT-16B	
AMT-28A	Powerplant: Reciprocating Engine Inspection
AMT-38A	Airframe Structure: Structure Fabrication
AMT-38B	Airframe Structure: Hydraulic Systems
AMT-38C	Airframe Structure: Aircraft Secondary Systems and
	Components
CDE-3	Observation and Assessment
CDE-4	Child, Family, and Community
CDE-5	Health, Safety and Nutrition
CDE-8	Curriculum Development: Math and Sciences
CDE-23	Introduction to Children with Special Needs
CISGAME-	Fundamentals of Game Programming
<mark>403</mark>	
CISGAME-	Mobile/Web Game Development
<mark>420</mark>	
CISPROG-1	Introduction to Computer Programming
IET-482	Internship in Industrial Electricity
PHARMT-421	Community Pharmacy Operations
PS-1	American Politics
PS-3	California Politics and Culture
PS-32	Law and Society
STAT-10	Elementary Statistics

8. New Business

New Courses: First Reading

MATH-415	Statway I	Approval: 21/0/0
	Doug Yegge will be present to answer any questions regarding	
	the course toward the end of the meeting.	

New Courses: First and Second Reading

THEATRE-8	Voice and Movement for the Actor	Approval: 24/0/0
	In Theatre Performance A.A. approved on March 22, 2017.	11
	Kelly was here to present the spoken word emphasis and	
	removement of tension from the actors and is not singing.	

Course Modifications: First Reading

AMT-15		Approval: 24/0/0
	and Powerplant	
AMT-25	Powerplant: Aircraft Reciprocating Engines	Approval: 24/0/0
	Lab content has been added.	

AMT-26	Powerplant: Engine Instrumentation, Lubrication,	Approval: 24/0/0
	Electrical	
	Lab content has been added.	
AMT-28B	Powerplant: Electrical Systems	Approval: Tabled
AMT-28C	Powerplant: Turbine Engine Auxiliary System	Approval: 24/0/0
AMT-35	Airframe Structures: Fabrication, Inspection and	Approval: 24/0/0
	Repair	
	Lab content has been added.	
AMT-36	Airframe Primary Systems	Approval: 24/0/0
	Lab content has been added.	
AMT-37	Airframe Secondary Systems	Approval: 24/0/0
A TITLO TITLO	Lab content has been added.	1.01/0/0
AUTOTEC-	Service and Repair	Approval: 24/0/0
10	Out of class assignment has been added.	1.24/0/0
AUTOTEC-	Fuel, Ignition, and Emission Control Systems	Approval: 24/0/0
422	Out of class assignment has been added	1 24/0/0
BUSOT-60B	Microsoft Office Word	Approval: 24/0/0
BUSOT-452	Office Financial Bookkeeping	Approval: 24/0/0
BUSOT-462	Digital Transcription and Voice Recognition	Approval: 24/0/0
DENTAL-400	Dental Assisting Core Sciences	Approval: 24/0/0
DENTE AT 440	Lab content has been added.	1 24/0/0
DENTAL-410	Dental Assisting Preclinical Sciences	Approval: 24/0/0
DENTAL-420	Radiography for Dental Assistants	Approval: 24/0/0
DENTAL-430	Clinical Practice	Approval: 24/0/0
ED-400	Third out of class assignment has been added. Introduction to Education and Teaching	A managed 1, 22 /0 /1
	Introduction to Education and Teaching Introduction to Engineering Design/Graphics	Approval: 23/0/1
EGTECH-10		Approval: 23/0/1
EGTECH-16	Computer Integrated Manufacturing - CNC Material Removal	Approval: 23/0/1
JOUR-10	Newswriting	Approval: 23/0/1
JOUR-11	Multimedia Reporting	Approval: 23/0/1 Approval: 23/0/1
JOUR-30	Student Media Practicum I	Approval: 23/0/1 Approval: 23/0/1
JOUR-31	Student Media Practicum II	Approval: 23/0/1 Approval: 23/0/1
JOCK 31	Needs lab content	Approvai. 25/0/1
MATH-410	Elementary Algebra	Approval: 23/0/1
PHARMT-403	Principles of Community Pharmacy Practice	Approval: 23/0/1
	Out of class assignment has been added.	11pp10 (6 11
PHARMT-404	Principles of Institutional Pharmacy Practice	Approval: 23/0/1
PHARMT-405	Sterile Products	Approval: 23/0/1
PHARMT-410	Over-The-Counter Products	Approval: 23/0/1
PHARMT-415	Pharmaceutical Calculations	Approval: 23/0/1
	Out of class assignment has been added.	11
PHARMT-	Community Pharmacy Operations Laboratory	Approval: 23/0/1
421L		
PHARMT-431	Institutional Pharmacy Operations	Approval: 23/0/1
PHARMT-	Institutional Pharmacy Operations Laboratory	Approval: 23/0/1 Approval: 23/0/1
431L	Institutional Filarmacy Operations Laboratory	Approvar. 23/0/1
PHARMT-482	Clinical Externship	Approval: 23/0/1
THEATRE-50	Main Stage Production Workshop I	Approval: Tabled
	Added to Theatre ADT	rr
L	<u>I</u>	1

	Sheila Malone said that she would like to change some elements of the courses to separate the performance from technical aspect of each	
THEATRE-51	Main Stage Production Workshop II In Theatre Performance A.A. approved on March 22, 2017. THEATRE-55 has a C-ID 192, and should actually be THEATRE-51. She plans to deactivate THEATRE-55 Certificate modifications need to be launched together as a packet.	Approval: Tabled

Course Modifications: First and Second Reading

ACCTG-70	Cost Accounting	Approval: 24/0/0
	Out of class assignment has been added.	
AMT-27	Powerplant: Reciprocating Engine Fuel & Auxiliary	Approval: 24/0/0
	Systems	
	Lab content has been added.	
BIOL-92A-H	Special Topics: Biology	Approval: 24/0/0
BIOL-92LA-	Special Topics Laboratory: Biology	Approval: 24/0/0
<mark>H</mark>		
BIOL-98ABC	Independent Study: Biology	Approval: 24/0/0
CDE-1	Principles & Practices in Early Childhood Education	Approval: 24/0/0
CDE-2	Child Growth and Development	Approval: 24/0/0
CDE-6	Teaching in a Diverse Society	Approval: 24/0/0
CDE-7	Curriculum Development: The Creative Arts	Approval: 24/0/0
CDE-415	Dynamics of Play	Approval: 24/0/0
CDE-416	Brain Research and the Implications for Classroom	Approval: 24/0/0
	Teaching	
CISGAME-1	Fundamentals of Game Development	Approval: 24/0/0
DRAFT-20	Computer-Aided Drafting and Design	Approval: 23/0/1
DRAFT-21	Mechanical Design I	Approval: 23/0/1
DRAFT-41	Mechanical Design and Drafting II	Approval: 23/0/1
DRAFT-43	Advanced CAD Modeling and Applications	Approval: 23/0/1
DRAFT-50	Architectural Design I	Approval: 23/0/1
DRAFT-53	Architectural Applications of CAD	Approval: 23/0/1
DRAFT-78	Advanced Mechanical Design Applications	Approval: 23/0/1
EGTECH-12	Principles of Engineering	Approval: 23/0/1
ENGIN-26	Engineering Graphics and CAD	Approval: 23/0/1
FIRETEC-	Fire Inspector 1A – Duties and Administration	Approval: 23/0/1
<mark>420</mark>	ENGL-475 can be removed from this course	
	according to Institutional Research as they "have no	
	evidence for or against the pre-req".	
IET-401A	Introduction to Electricity	Approval: 23/0/1
IET-401B	Industrial Basic Controls	Approval: 23/0/1
IET-403B	Electrical Motors and Controls II	Approval: 23/0/1
IET-405	National Electric Code	Approval: 23/0/1
IET-407	Electrical Blueprints	Approval: 23/0/1

IET-413	Intermediate Programmable Logic Controllers	Approval: 23/0/1
IET-421	AC Variable Frequency Speed Drive	Approval: 23/0/1
IETELMT-430	Hydraulic Fundamentals	Approval: 23/0/1
IETELMT-432	Electrical Control of Hydraulic Systems	Approval: 23/0/1
PHARMT-401	Pharmacology of the Body Systems I	Approval: 23/0/1
PHARMT-402	Principles of Community Pharmacy Practice	Approval: 23/0/1
PS-10	Comparative Politics	Approval: 23/0/1
PS-25	Latino Politics	Approval: 23/0/1

Course Modifications with DE: First Reading

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BUSOT-62	Microsoft Office Outlook	Approval: 23/0/1
BUSOT-400	Job Search and Interviewing Technique	Approval: 23/0/1
BUSOT-455	Fundamentals of English for Business	Approval: 23/0/1
GERO-23	Aging and Older Adulthood	Approval: 23/0/1

Course Modifications with DE: First Reading and Second Reading

BUSOT-63	Microsoft Office Excel - Comprehensive	Approval: 23/0/1
GERO-400	Principles of Caregiving: Older Adults and Their Care	Approval: 23/0/1
MATH-25	College Algebra	Approval: 23/0/1

Courses: Deactivations

CISGAME-402	Fundamentals of Game Development II	Approval: 23/0/1
	No affected programs, certificates, or courses.	

Programs: Final Reading

Theatre Arts	A.AT	Approval: Tabled

9. Adjournment: The meeting was adjourned at 3:03p.m.

Attendance and Vote Count-8/23/2017

Name	Attendance	Summary Notes	Consent Agenda	MATH-4151st Reading	THEATRE-8 1st/2ND Reading	AMT-15 1st Reading	AMT-25 1st Reading	AMT-26 1st Reading	AMT-28B 1st Reading	AMT-28C 1st Reading	AMT-35 1st Reading	AMT-36 1st Reading	AMT-37 1st Reading	AUTOTEC-10 1st Reading	AUTOTEC-422 1st Reading	BUSOT-60B 1st Reading	BUSOT-452 1st Reading	BUSOT-462 1st Reading
Angela Burk- Herrick	Х	Х	Х	Х	X	Х	Х	Х	Х	Х	X	X	X	Х	X	Х	Х	Х
Annette Henry	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Ardon Alger	Χ	Χ	Χ		Χ	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Х	Х	Χ
Charmaine Phipps	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х
Daniel Jacobo	Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
David Schlanger	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Elaine Martinez	Χ		Χ	Χ	Χ	Х	Χ	Χ	Х	Х	Х	Χ	Χ	Х	Χ	Х	Х	Χ
Helen Leung	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ
Jason Chevalier	Χ		Χ	Χ	Χ	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Χ	Х	Х	Χ
Jeffrey Laguna	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ	Х	Χ	Χ	Х	Χ	Χ	Χ	Χ
John Machado	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Linda Marcotte	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Χ	Х	Χ	Х	Χ	Χ
Lucy Serrano																		
Mark Forde	Χ	Χ	Χ		Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ
Marlene Soto	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ
Megan Keebler	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Χ
Michael Escobosa	Χ	Χ	Χ		Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Χ
Naomi McCool	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Χ
Rob Kopp	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Χ	Х	Х	Χ
Sean Stratton	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Х	Χ	Х
Shelly Marcus	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Χ	Х	Х	Χ
Stephen	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ
Calebotta																		
Tracy Kocher	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ
Vanessa Thomas	Χ	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Х	Χ	Х
Wanda Baker	Χ	Χ	Х	Χ	Х	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Х
Total Counts	24	21	24	21	24	24	24	24	24	24	24	24	24	24	24	24	24	24

Guests:

- 1. Doug Yegge
- 2. Kelly Ford
- 3. Luke Gunderson
- 4. Misty Burruel
- 5. RuthAnn Garcia
- 6. Sheila Malone

Non-Voting	
Kathy Lucero	
Marie Boyd	Χ
Marialsabell Sandoval	Х
Meridith Randall	Х
Patricia Bopko	Х
Sharon Awad	Х
Stephen Shelton	Х

Name	DENTAL-400 1st Reading	DENTAL-4010 1st Reading	DENTAL-420 1st Reading	DENTAL-430 1st Reading	ED-400 1st Reading	EGTECH-10 1st Reading	EGTECH-16 1st Reading	JOUR-10 1st Reading	IOUR-11 1st Reading	JOUR-30 1st Reading	JOUR-31 1st Reading	MATH-410 1st Reading	PHARMT-403 1st Reading	PHARMT-404 1st Reading	PHARMT-405 1st Reading	PHARMT-410 1st Reading	PHARMT-415 1st Reading	PHARMT-421L 1st Reading
Daniel Jacobo	X	X	X	X	X	X	X	Χ	Х	Χ	Χ	X	X	X	X	X	X	X
Angela Burk- Herrick	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Χ	Χ	Х
Annette Henry	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Ardon Alger	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х	Х	Χ	Χ	Х
Charmaine Phipps	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х
David Schlanger	Χ	Χ	Χ	Χ	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Elaine Martinez	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
Helen Leung	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х	Х	Χ	Χ	Х
Jason Chevalier	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
Jeffrey Laguna	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
John Machado	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Linda Marcotte	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Χ	Χ	Χ	Х	Х	Χ	Χ	Χ
Lucy Serrano																		
Mark Forde	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х	Х	Χ	Χ	Х
Marlene Soto	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Megan Keebler	Χ	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х
Michael Escobosa	Χ	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х
Naomi McCool	Х	Х	Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Χ	Х	Х	Х	Χ	Χ	Х
Rob Kopp	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
Sean Stratton	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х
Shelly Marcus	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ
Stephen Calebotta	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
Tracy Kocher	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
Vanessa Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Wanda Baker	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	24	24	24	24			24											
Total Counts	24	24	24	24	24	24	2 4	24	24	24	24	24	24	24	24	24	24	24

Name	PHARMT-431 1st Reading	PHARMT-431L 1st Reading	PHARMT-482 1st Reading	ACCTG-70 1st/2ND Reading	AMT-27 1st/2 ND Reading	BIOL-92A-H $1^{ ext{st}}$ / $2^{ ext{ND}}$ Reading	віос-92LA-н $1^{\mathfrak{s}}/2^{ND}$ Reading	BIOL-98ABC1⁴'/2 ND Reading	CDE-1 1st/2 ND Reading	CDE-2 1st/2ND Reading	CDE-361st/2 ND Reading	CDE-7 1st/2 ND Reading	CDE-415 $^{ m s}1^{ m st}/2^{ m ND}$ Reading	CDE-416 1st/2 ND Reading	CISGAME-1 ^s 1./2 ND Reading	DRAFT-20 1st/2ND Reading	DRAFT-21 1st/2 ND Reading	DRAFT-41 $1^{st}/2^{ND}$ Reading	DRAFT-43 1st/2ND Reading
Daniel Jacobo	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Х	Χ	Х	Х	Х	Х	Х	Χ	Χ
Angela Burk- Herrick	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Annette Henry	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Ardon Alger	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Х	Χ
Charmaine Phipps	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger	Α	Α	Α	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Α	Α	Α	Α
Elaine Martinez	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ
Helen Leung	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Jason Chevalier	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Jeffrey Laguna	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ
John Machado	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Linda Marcotte	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ
Lucy Serrano																			
Mark Forde	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Marlene Soto	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Megan Keebler	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Χ
Michael Escobosa	Х	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Naomi McCool	Χ	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Х	Х
Rob Kopp	Χ	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Х
Sean Stratton	Χ	Х	Х	Х	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Х
Shelly Marcus	Χ	Х	Х	Х	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Х
Stephen	Χ	Х	Х	Х	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Х
Calebotta																			
Tracy Kocher	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Χ
Vanessa Thomas	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
Wanda Baker	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Х	Х
Total Counts	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

Name	DRAFT-50 1 st /2 ND Reading	DRAFT-53 1st/2ND Reading	DRAFT-78 1st/2ND Reading	EGTECH-12 ^s 1 st /2 ND Reading	ENGIN-261⁴/2 ND Reading	FIRETEC-420 $1^{\mathrm{st}}/2^{\mathrm{ND}}$ Reading	IET-401A $1^{\mathrm{st}}/2^{\mathrm{ND}}$ Reading	IET-401B ^s 1s ^s /2 ND Reading	IET-403B 1⁴/2™ Reading	IET-405 1st/2№ Reading	IET-405 $^{\mathrm{s}}1^{\mathrm{st}}/2^{\mathrm{ND}}$ Reading	IET-407 1st/2№ Reading	IET-413 ⁵1⁵t/2™ Reading	IET-421 1⁵′/2 ND Reading	IETELMT-430 $1^{\mathrm{st}}/2^{ND}$ Reading	IETELMT-432 1st/2 ND Reading	PHARMT-401 $1^{ m st}/2^{ m ND}$ Reading	PHARMT-402 $1^{ m st}/2^{ m ND}$ Reading	PS-10 $1^{ m st}/2^{ m ND}$ Reading	PS-25 1st/2 ND Reading
Daniel Jacobo	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Angela Burk- Herrick	Х	Х	Χ	Х	Χ	Χ	Χ	Χ	X	X	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Annette Henry	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Ardon Alger	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Charmaine Phipps	Χ	Χ	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Χ	Χ	Х	Χ	Х	Х	Х
David Schlanger	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Elaine Martinez	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Helen Leung	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Jason Chevalier	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Jeffrey Laguna	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
John Machado	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Linda Marcotte	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Lucy Serrano																				
Mark Forde	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Marlene Soto	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Megan Keebler	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Michael Escobosa	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Naomi McCool	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Rob Kopp	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Х	Χ	Х	Χ	Χ	Х
Sean Stratton	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Shelly Marcus	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Stephen	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Calebotta																				
Tracy Kocher	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Vanessa Thomas	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Wanda Baker	Х	Χ	Х	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Total Counts	24	2	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

Name	BUSOT-62 1st Reading	BUSOT-400 1st Reading	BUSOT-455 1st Reading	GERO-23 1st Reading	BUSOT-63 1st/2ND Reading	GERO-400st/2ND Reading	MATH-25 1st/2ND Reading	CISGAME-402 Final Reading
Andrew Schnurr	Χ	Χ	Х	Х	Х	Х	Х	Χ
Angela Burk- Herrick	Х	Х	Х	Х	Х	Х	Х	Х
Annette Henry	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Ardon Alger	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Charmaine Phipps	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger	Α	Α	Α	Α	Α	Α	Α	Α
Elaine Martinez	Χ	Х	Х	Х	Х	Х	Х	Χ
Helen Leung	Χ	Х	Х	Х	Х	Х	Х	Χ
Jason Chevalier	Х	Х	Х	Х	Х	Х	Х	Х
Jeffrey Laguna	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ
John Machado	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Linda Marcotte	Х	Х	Х	Х	Х	Х	Х	Χ
Lucy Serrano								
Mark Forde	Х	Х	Х	Х	Х	Х	Х	Χ
Marlene Soto	Х	Х	Х	Х	Х	Х	Х	Х
Megan Keebler	Х	Х	Х	Х	Х	Х	Х	Х
Michael Escobosa	Х	Х	Х	Х	Х	Х	Х	Х
Naomi McCool	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х
Rob Kopp	Х	Х	Х	Х	Х	Х	Х	Х
Sean Stratton	Х	Х	Х	Х	Х	Х	Х	Х
Shelly Marcus	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Stephen Calebotta	Х	Х	Х	Х	Х	Х	Х	Х
Tracy Kocher	Х	Χ	Х	Х	Х	Х	Х	Х
Vanessa Thomas	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х
Wanda Baker	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х
Total Counts	24	24	24	24	24	24	24	24
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