# **CHAFFEY COLLEGE**

#### **CURRICULUM COMMITTEE MEETING** RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204

**FONTANA CAMPUS, FNAC 100 CHINO CAMPUS, CHMB 143** 

**TELECONFERNCE #6759** 

**SUMMARY NOTES** 

May 10, 2017 1:30pm-3:00pm

#### **Members Present:**

Andrew Schnurr, Visual & Performing Arts Angela Burk-Herrick, Mathematics & Science Annette Henry, Kinesiology, Nutrition, & Athletics

Ardon Alger, Faculty Senate President Cherlou Opulencia, Counseling

David Schlanger, Catalog/Schedule Coordinator Elaine Martinez, Kinesiology, Nutrition, & Athletics Jason Chevalier, Dean, Visual & Performing Arts

John Machado, Visual & Performing Arts Kathy Lucero, Admissions and Records Linda Marcotte, Social & Behavioral Sciences Maria-Isabella Sandoval, Student Representative

Marie Boyd, Curriculum Chair

Marlene Soto, Health Sciences

Megan Keebler, Instructional Support

Meridith Randall, Associate Superintendent of Instruction

and Institutional Effectiveness Michael Escobosa, Health Sciences 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:**

Charmaine Phipps, Language Arts Julie Song, Social & Behavioral Sciences

**Guests:** 

Cory Schwartz, Dean of Social and Behavioral Sciences

and Kinesiology, Nutrition, and Athletics

Lucy Serrano, Counseling Patricia Bopko, Financial Aid

Helen Leung, Counseling

Misty Burruel, Visual and Performing Arts

- 1. Call To Order/New Committee Members: The meeting was called to order at 1:39pm. The Chair thanked Dr. Randall for providing the committee with lunch. She also introduced Stephen Shelton as the new Vice Chair for Curriculum.
- Review and Approval of April 26, 2017 Expanded Summary Notes: The summary notes were approved 20/0/0 with the change of listing John Machado under the appropriate school of Visual and Performing Arts.

#### **Discussion Items:**

- 3.1. Distance Education Addendum: Tabled.
- **3.2. MATH-3:** Tabled.
- 3.3. Noncredit Conference: Tabled
- **3.4. AP 4021 (Handout):** Tabled.
- 3.5. Election Results: Below is the results of newly elected members and returning members for the upcoming year.
  - **Business and Applied Technology:** Tracy Kocher 1.
  - 2. Chino Representatives: Michael Escobosa and Mark Forde
  - Health Sciences: Jeffrey Laguna 3.
  - **Instructional Support:** Megan Keebler 4.
  - 5. Kinesiology, Nutrition, and Athletics: Annette Henry
  - Language Arts: Stephen Calebotta (Stephen Shelton will sub for Stephen C. while he is on sabbatical this 6. upcoming spring semester).
  - 7. Social and Behavioral: Naomi McCool
  - Student Services: Helen Leung 8.
  - 9. Visual and Performing Arts: Andrew Schnurr and John Machado

**Interdisciplinary Studies:** The Chair shared that there were not enough readers to have a committee vote for the proposals in the queue which led to a committee discussion. Misty Burruel distributed a progress report and shared a summary of the discussions that occurred within the University Studies Workgroup. The first four pages of the report focus on identifying the need of these degrees, the design and development process, the compliance issues, the completion agenda and data, and recommendations based upon their discussion. The Workgroup discussion included Student Learning Outcomes, the assessment process, program review, whether or not deactivations are needed, and determining if guided pathways is a possible solution. Misty shared that the workgroup acknowledges that counselors do not have a tool to help identify the UC, Private, and Out-of-State transfer requirements that these degrees may pertain to. Misty explained that Jeff Moser provided a helpful view of how a counselor creates an educational plan for a student who plans to transfer to a UC; however, she feels there needs to be further discussion with the counselors. The Counseling Faculty and Discipline faculty need to work together on developing these degrees and deciding who is responsible for creating and reviewing them. Misty also suggested that the College Planning Council and Enrollment Success Management should weigh in on these degrees from an institutional perspective. This was also previously recommended by the 2015 Curriculum Workgroup. She concluded by sharing the Workgroup's recommendations: the degrees should be deactivated while discipline faculty help facilitate the creation of the replacement degrees using Guided Pathways as the infrastructure of these degrees. She believes these pro should go through the new Program Initiation process.

The Chair thanked Misty and her workgroup for the report and their work. She also summarized the timeline of discussions and actions taken by the Curriculum Committee this academic year.

- 1. Last Spring 2016, the Curriculum Committee decided to deactivate the degrees in the beginning of October 2016 with intent of creating replacement degrees.
- 2. During the Fall, the committee recognized that the Accreditation team would be visiting the college the first week in October and decided to post-pone action on these degrees.
- 3. The committee was also waiting for guidance from the State and the Program Course and Approval Handbook.
- 4. On January 18, 2017 the committee agreed to change the titles of the degrees and remove transfer language from the description.
- 5. The workgroup lead by Misty was then created.
- 6. The retitled degrees, with new descriptions, were launched into Curricunet.
- 7. Degrees cleared tech review and went to the Curriculum Committee for review.
- 8. As of May 10th, only three curriculum committee members had completed reviews.

When discussion resumes in the Interdisciplinary Studies degrees in the Fall, faculty will have the benefit of several new college tools and information:

- May 24 Bakersfield College training on Guided Pathways
- Newly approved AP 4021 Education Program Viability with approval flowchart and form
- Draft version of AP 4023 Education Program Initiation has yet to begin the shared governance process
- Release of the Program & Course Approval Handbook, 6th edition from the Board of Governors

In addition, the Chair and Dr. Randall will be serving on a statewide workgroup in multidisciplinary degrees. The start date for this work group has yet to be established.

- **5. Board Report:** There is no Board Report for May as the committee did not approve any proposals for first and second reading at the April 26, 2017 Curriculum Meeting.
- 6. Curriculum Inventory:
  - **6.1. New Course Submissions** 
    - 1. ESL-502
    - 2. GERO-407
    - 3. IM-608
    - 4. IM-610
    - 5. IM-611
    - 6. IM-612
    - 7. IM-613

- 8. IM-614
- **6.2.** New Program Submissions
  - 1. Paralegal Studies A.S.
- 6.3. Program Modification Submissions
  - 1. Accounting A.S.
  - 2. Accounting Certificate of Achievement
  - 3. Child Development A.S.

- 4. Electronic Health Records Specialist
  Certificate of Career Preparation (will become Certificate of Achievement when approved by Chancellor's Office)
- 5. Industrial Electrical Technology Level II Certificate of Achievement
- 6. Inpatient Medical Coder Specialist Certificate of Achievement
- 7. Industrial Electrical Technology Level III Certificate of Achievement
- 8. Medical Biller Specialist Certificate of Career Preparation (will become Certificate of Achievement when approved by Chancellor's Office)
- 9. Outpatient Medical Coder Specialist Certificate of Achievement
- 10. Supply Chain Management A.S.
- 11. Theatre Performance A.A

#### 6.4. Program Reactivation Submission

1. Medical Insurance Billing Specialist Certificate of Achievement

## **6.5.** New Course Approvals:

- 1. AMT-400
- 2. BUSL-407
- 3. BUSMGT-470

#### **6.6. Course Modification Approvals**

- 1. BUSL-50
- 2. CUL-17
- 3. CUL-22
- 4. ENGL-1B
- 5. GERO-463
- 6. GUID-2

- 7. HOTFS-14
- 8. IET-415
- 9. IET-417
- 10. IET-420
- 11. NURADN-3
- 12. NURADN-3L
- 13. NURADN-6
- 14. NURADN-14
- 15. NURADN-14L
- 16. NURADN-26
- 17. NURADN-26L
- 18. NURADN-27
- 19. NURADN-27L
- 20. NURADN-34
- 21. NURADN-34L
- 22. NURADN-38
- 23. NURADN-38L
- 24. NURADN-45
- 25. NURADN-45L
- 26. NURADN-48
- 27. NURADN-48L
- 28. NURADN-50
- 29. NURADN-403
- 30. NURADN-404
- 31. NURADN-428
- 32. NURADN-550
- 33. NURADN-551
- 34. NURVN-421
- 54. NURVN-421

## **6.7.** Course Reactivation Approvals

- 1. BUSOTMD-408
- 2. BUSOTMD-410
- 3. BUSOTMD-420
- 4. BUSOTMD-430
- 5. BUSOTMD-440

Please note the Course Deactivations will take place in the inventory after MIS reporting is completed in an effort to reduce MIS reporting errors.

#### 7. Miscellaneous: None.

#### **8.** Consent Agenda: The consent agenda was approved 18/0/0.

- **8.1.** Per faculty request, the Pre-Law Certificate of Achievement is now titled "Pathway to Law School" Certificate of Achievement.
- **8.2.** The Curriculum Committee By-Laws have been amended to make the Associate Superintendent of Instruction a non-voting member.
- **8.3.** Per Faculty request, the TOP Code for ESL-502 has been changed to 4931.00 and the SAM Code is D-Possibly Occupational.
- **8.4.** Per Chancellor's office revision request, the units for the Leadership and Criminal Justice have been changed to reflect the true unit value of the degree. The units changed from 18 units to 18-20 units. This was updated in Curricunet, Curriculum Inventory, and the Chancellor's Office Narrative.

#### **8.5.** Culinary Course Changes:

- 1. CUL-17: Per faculty request, the Curriculum Office removed the co-requisite of CUL-442 and kept CUL- 15 as the prerequisite to the course.
- 2. CUL-22: Per faculty request, the Curriculum Office removed HOTFS-10 as a pre-requisite and kept CUL-17 as a pre-requisite.
- 3. CUL-440: Per faculty request, the Curriculum Office removed CUL-15 as a two-way co-requisite.

- 4. CUL-442: Per faculty request, the Curriculum Office removed CUL-15 as a pre-requisite and changed CUL-17 from a co-requisite to a pre-requisite.
- 5. CUL-444: Per faculty request, the Curriculum Office removed CUL-15 as a pre-requisite and kept CUL-17 as a pre-requisite.

## 9. Old Business

**New Courses: Second Reading** 

DANCE-25	Dance Conditioning and Somatic Techniques	Approval: 18/0/0
	Both the Kinesiology, Nutrition, and Athletics and the Visual and Performing Arts Departments shared concerns of and support for approval of this course. This course has presented a discipline placement issue between the two departments that led to a committee vote. 5/8/2017 <i>Originator made the following changes to this course: title, description, content, and objectives.</i>	
	Dean Chevalier spoke with the Kinesiology, Nutrition, and Athletics department in regards to this course and its transfer status to receiving institutions. As a result, changes to this course were made to better align with the four year institutions.	

## **Course Modifications with DE: Second Reading**

## 10. New Business

**New Courses: First Reading** 

THEATRE-8	Voice and Movement for the Actor	Approval: Tabled
	Based upon the Articulation Officer's research, this course	
	does not have course to course articulation anywhere and	
	Solano Community College just deactivated a similar course.	
	Further discussion is needed to determine the purpose and	
	program applicability of this course.	

# **Course Modifications: First Reading**

ACCTG-70	Cost Accounting	Approval: Tabled
	Needs third out of class assignment.	
<b>AUTOTEC-</b>	Service and Repair	Approval: Tabled
<b>10</b>	Needs third out of class assignment.	
<b>AUTOTEC-</b>	Fuel, Ignition, and Emission Control Systems	Approval: Tabled
<b>422</b>	Needs third out of class assignment.	
FIRETEC-	Fire Inspector 1A – Duties and Administration	Approval: Tabled
<b>420</b>	Need to check on removal of ENGL-475 and advisories need	
	to be edited.	

THEATRE-	Main Stage Production Workshop I	Approval: Tabled
<mark>50</mark>		
THEATRE-	Main Stage Production Workshop II	Approval: Tabled
<b>51</b>	Description needs to be different from Theatre-50.	

# **Course Modifications: First and Second Reading**

	Financial Accounting	Approval: 20/0/0						
ACCTG-1B	Managerial Accounting	Approval: 20/0/0						
	Accounting for Governmental and Not-for-Profit Organizations	Approval: 20/0/0						
	Payroll Accounting	Approval: 20/0/0						
	Commercial Accounting Software	Approval: 20/0/0						
	Applied Accounting I	Approval: 20/0/0						
ACCTG-481	Applied Accounting II	Approval: 20/0/0						
ACCTGFS- 440	Introduction to Financial Planning	Approval: 20/0/0						
	Fundamentals of Finance and Investing	Approval: 20/0/0						
ACCTGFS - 453	U.S. and California Income Tax Preparation	Approval: 20/0/0						
	Financial Accounting for the Non-Accounting Major	Approval: 20/0/0						
	Auto Electricity and Electronics	Approval: 20/0/0						
	Introduction to Hybrid Vehicles	Approval: 20/0/0						
	Basic Automotive Air Conditioning Systems	Approval: 20/0/0						
	Brakes	Approval: 20/0/0						
	Suspension and Steering Systems	Approval: 20/0/0						
	Engine Management Systems and Drivability	Approval: 20/0/0						
	Engine Operation and Service	Approval: 20/0/0						
	Advanced Automotive Electrical Systems	Approval: 20/0/0						
	Engine Rebuilding - Upper Engine	Approval: 20/0/0						
	Engine Rebuilding - Lower Engine	Approval: 20/0/0						
AUTOTEC-	Manual and Automatic Transmissions, Transaxles and Drive Trains	Approval: 20/0/0						
	High Performance Engine Rebuilding and Blueprinting	Approval: 20/0/0						
	Engine and Emission Control Training Level 1	Approval: 20/0/0						
	General Automotive Technician A	Approval: 20/0/0						

AUTOTEC-	General Automotive Technician B	Approval: 20/0/0						
455 BUSMKT-13	Professional Calling	Approval, 20/0/0						
	Professional Selling	Approval: 20/0/0						
BUSOT-410A	Microsoft Office Publisher-Specialist	Approval: 20/0/0						
BUSOT-410B	Microsoft Office Publisher-Expert	Approval: 20/0/0						
<b>CIS-420</b>	Computer Security Basics	Approval: 20/0/0						
<b>CIS-431</b>	Project Management for Information Technology	Approval: 20/0/0						
<b>CISNTWK-</b>	TCP/IP	Approval: 20/0/0						
<b>413</b>	Remove laboratory assignments from Methods of Instruction							
	and Evaluation							
<b>CJ-459</b>	Women and the Criminal Justice System	Approval: 20/0/0						
	Missing out of class assignment and acronym change from							
	CRSCI-409 and CJ-459.							
<b>EMT-405</b>	Emergency Medical Responder	Approval: 20/0/0						
	Angela Burk-Herrick thanked Jim for inputting all his SLOs							
	into TaskStream for all of his courses. Typos need to be							
	corrected.							
<b>EMT-411</b>	Emergency Medical Technician	Approval: 20/0/0						
	Typos need to be corrected.							
FIRETEC-1	Principles of Emergency Services	Approval: 20/0/0						
FIRETEC-2	Fire Behavior and Combustion	Approval: 20/0/0						
FIRETEC-3	Fire Protection Systems	Approval: 20/0/0						
FIRETEC-4	Building Construction for Fire Protection	Approval: 20/0/0						
FIRETEC-5	Fire Prevention	Approval: 20/0/0						
FIRETEC-6	Apparatus and Equipment	Approval: 20/0/0						
FIRETEC-7	Strategies and Tactics	Approval: 20/0/0						
FIRETEC-10	Wildland Fire Control	Approval: 20/0/0						
FIRETEC-421	Fire Inspector 1B- Fire and Life Safety	Approval: 20/0/0						
FIRETEC-422	Fire Inspector 1C-Field Inspection	Approval: 20/0/0						
FIRETEC-423	Fire Inspector 1D: Field Inspection-California Specific	Approval: 20/0/0						
PS-4	Political Theory	Approval: 20/0/0						
	Needs critical thinking assignment							
PS-7	International Relations	Approval: 20/0/0						

# Course Modifications with DE: First and Second Reading

<b>BUSMKT-40</b>	Marketing Principles	Approval: 19/0/1
<b>BUSOT-40A</b>	Beginning Computer Keyboarding	Approval: 19/0/1
<b>BUSOT-50</b>	Filing and Records	Approval: 19/0/1
CIS-4	Fundamentals of Microsoft Window	Approval: 19/0/1
CIS-50	Introduction to Computer Networks	Approval: 19/0/1
COMSTD-14	Oral Interpretation of Literature	Approval: 19/0/1

# **Courses: Distance Education**

CDE-430A	Infant and Toddler: Group Caregiving I	Approval: 19/0/1
COMSTD-4	Fundamentals of Interpersonal Communication	Approval: 19/0/1
HNS-400	Introduction to Homeland Security	Approval: 19/0/1
HNS-401	Intelligence Analysis and Security Management	Approval: 19/0/1
HNS-402	Transportation and Border Security	Approval: 19/0/1

# **New Programs: Final Reading**

Interdisciplinary Studies: Arts	A.A.	Approval: Tabled
and Humanities		See agenda item #4
Interdisciplinary Studies:	A.A.	Approval: Tabled
<b>Business and Technology</b>		See agenda item #4
Interdisciplinary Studies:	A.A.	Approval: Tabled
Mathematics and Science		See agenda item #4
Interdisciplinary Studies:	A.A.	Approval: Tabled
Social and Behavioral Sciences		See agenda item #4
Pathway to Law School	Certificate of Achievement	Approval: 18/0/0

**11. Adjournment:** The meeting was adjourned at 3:07pm.

## Attendance and Vote Count-5/10/2017

# \*ALL COURSES WERE APPROVED FOR FIRST AND SECOND READING. THE PROGRAM AND DISTANCE EDUCATION COURSES WERE APPROVED FOR FINAL READINGS.

Name	In attendance	Summary Notes	CONSENT AGENDA	DANCE-25 2 <sup>nd</sup> Reading	ENGL-33 2 <sup>nd</sup> Reading	ACCTG-1A	ACCTG-1B	ACCTG-430	ACCTG-435	ACCTG-460	ACCTG-480	ACCTG-481	ACCTGFS-440	ACCTGFS-442	ACCTGFS-453	ACCTGFS-465	AUTOTEC-15	AUTOTEC-407	AUTOTEC-416
Andrew Schnurr	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Angela Burk- Herrick	Χ	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Χ	Х	Х	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	Χ
Ardon Alger	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Charmaine Phipps																			
Cherlou Opulencia	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Elaine Martinez	Χ	Χ				Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ
Jason Chevalier	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
Julie Song																			
Linda Marcotte	Х	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Χ	Χ	Χ	Χ
Lucy Serrano																			
Marlene Soto	Χ	Χ			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ
Megan Keebler	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Michael Escobosa (Via Teleconference- CHMB 143)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Rob Kopp	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Sean Stratton	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Χ	Χ	Χ	Χ
Shelly Marcus (Via Teleconference- FNAC 100)	Х	X	Х	Х	Х	Х	Х	Х	Х	X	X	Х	Х	Х	Х	Х	X	X	X
Stephen	Х	Χ	Χ	Х	Х	Х	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х
Calebotta																			
Tracy Kocher	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Χ	Х
Vanessa Thomas	Χ	Χ	Χ	Х	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Wanda Baker	Χ	Χ	Χ	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ

Non-Voting					
Kathy Lucero	X				
Marie Boyd	X				
MariaIsabell Sandoval	X				
Meridith Randall	X				
Patricia Bopko					
Sharon Awad	X				

Guests
Cory Schwartz
Helen Leung
Misty Burruel
Stephen Shelton (as
new Vice Chair)

Name	AUTOTEC-417	AUTOTEC-418	AUTOTEC-423	AUTOTEC-427	AUTOTEC-429	AUTOTEC-430	AUTOTEC-431	AUTOTEC-432	AUTOTEC-435	AUTOTEC-443	AUTOTEC-450	AUTOTEC-455	BUSMKT-13	BUSOT-410A	BUSOT-410B	CIS-420	CIS-431	CISNTWK-413
Andrew Schnurr	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ
Angela Burk- Herrick	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
Ardon Alger	Χ	Х	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	Х	Х
Charmaine Phipps																		
Cherlou Opulencia	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х
Elaine Martinez	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ
Jason Chevalier	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	Х	Χ	Х
Julie Song																		
Linda Marcotte	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ
Lucy Serrano																		
Marlene Soto	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х
Megan Keebler	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Χ	Х	Χ	Х	Х	Х	Х	Х	Х	Х
Michael Escobosa (Via Teleconference- CHMB 143)	Х	Х	X	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Rob Kopp	Χ	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Х	Χ	Χ	Х	Χ	Х	Х	Х	Х
Sean Stratton	Χ	Х	Χ	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х
Shelly Marcus (Via Teleconference- FNAC 100)	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Stephen Calebotta	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	Х	X	Х	Х	Х
Tracy Kocher	Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х
Vanessa Thomas	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Wanda Baker	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Total Counts	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

Name	CJ-459	EMT-405	EMT-411	FIRETEC-1	FIRETEC-2	FIRETEC -3	FIRETEC-4	FIRETEC-5	FIRETEC-6	FIRETEC-7	FIRETEC-10	FIRETEC-421	FIRETEC-422	FIRETEC-423	PS-4	PS-7	BUSMKT-40	BUSOT-40A
Andrew Schnurr	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Angela Burk- ) Herrick	X	Χ	Χ	Χ	Χ	Χ	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
Ardon Alger	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Χ	Х	Х	Х	Х
Charmaine Phipps																		
Opulencia	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger >	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Α	Α
Elaine Martinez	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Jason Chevalier >	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
John Machado	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ
Julie Song																		
Linda Marcotte >	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Х	Х	Х	Χ	Х	Х	Х
Lucy Serrano																		
Marlene Soto	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х
Megan Keebler	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Х	Х
Michael ) Escobosa (Via Teleconference- CHMB 143)	X	X	Х	Х	Х	X	X	X	X	X	X	X	X	X	X	Х	Х	Х
Rob Kopp	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Sean Stratton	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х
Shelly Marcus (Via Teleconference- FNAC 100)	X	Х	Х	X	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Stephen Calebotta	X	Χ	Χ	Χ	Χ	X	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х
Tracy Kocher	Χ	Х	Χ	Χ	Χ	Χ	Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х
Vanessa >	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	Χ	Χ	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

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Name	BUSOT-50	CIS-4	CIS-50	COMSTD-14	COMSTD-4 DE	CDE-430A	HNS-400 DE	HNS-401 DE	HNS-402 DE	PATHWAY TO LAW SCHOOL FINAL
Andrew Schnurr	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Angela Burk- Herrick	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Annette Henry	Χ	Χ	Х	Χ	Χ	Χ	Х	Х	Χ	Χ
Ardon Alger	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Charmaine Phipps										
Cherlou Opulencia	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
David Schlanger	Α	Α	Α	Α	Α	Α	Α	Α	Α	Χ
Elaine Martinez	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Jason Chevalier	Х	Х	Х	Х	Х	Х	Х	Х	Х	
John Machado	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	
Julie Song										
Linda Marcotte	Χ	Х	Х	Х	Х	Х	Х	Χ	Χ	Χ
Lucy Serrano										
Marlene Soto	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Megan Keebler	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
Michael Escobosa (Via Teleconference- CHMB 143)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Rob Kopp	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Χ
Sean Stratton	Χ	Х	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ
Shelly Marcus (Via Teleconference- FNAC 100)	Х	Х	Х	Х	Х	Х	Х	Х	Х	X
Stephen Calebotta	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Tracy Kocher	Χ	Χ	Χ	Х	Χ	Х	Х	Χ	Χ	Х
Vanessa Thomas	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х
Wanda Baker	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
<b>Total Counts</b>	20	20	20	20	20	20	20	20	20	18