CHAFFEY COLLEGE
CURRICULUM COMMITTEE MEETING
RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204
FONTANA CAMPUS, FNAC 100
CHINO CAMPUS, CHMB 143
TELECONFERNCE #6759
SUMMARY NOTES
February 15, 2017
1:30pm-3:00pm

Members Present:

Andrew Schnurr, Visual & Performing Arts

Angela Burk-Herrick, Mathematics & Science

Ardon Alger, Faculty Senate President

Cherlou Opulencia, Counseling

Elaine Martinez, Kinesiology, Nutrition, & Athletics

Jason Chevalier, Dean, Visual & Performing Arts

John Machado, Social and Behavioral Sciences

Kathy Lucero, Admissions and Records

Linda Marcotte, Social & Behavioral Sciences

Lucy Serrano, Counseling

Marie Boyd, Curriculum Chair

Meridith Randall, Associate Superintendent of Instruction and Institutional Effectiveness

Rob Kopp, Mathematics & Science

Sean Stratton, Articulation Officer

Sharon Awad, Administrative Assistant II, Curriculum

Shelley Marcus, Library Learning Resources

Stephen Calebotta, Language Arts

Vanessa Thomas, Business and Applied Technology, High School Articulation

Wanda Baker, Business & Applied Technology

Members Absent:

Annette Henry, Kinesiology, Nutrition, & Athletics

Charmaine Phipps, Language Arts

Daniel Jacobo, Visual & Performing Arts

David Schlanger, Catalog/Schedule Coordinator

Julie Song, Social & Behavioral Sciences

Marlene Soto, Health Sciences

Michael Escobosa, Health Sciences

Tom Vitzelio, Instructional Support

Tracy Kocher, Business & Applied Technology

Guests

Cory Schwartz, Dean of Social and Behavioral Sciences, and Kinesiology, Nutrition, and Athletics.

Maria Isabella Sandoval, ASCC Government

Stephen Shelton, Language Arts

1. **Call To Order/New Committee Members:** The meeting was called to order at 1:38p.m. The Chair introduced our guest who is a student from Chaffey's ASCC Government, Maria Isabell Sandoval.

2. **Review and Approval of February 1, 2017 Expanded Summary Notes:** The summary notes were approved 12/0/1 as presented.

3. **Discussion Items:**

   3.1. **Distance Education Updates:** The Chair shared that she and the Administrative Assistant presented the DE Addendum to DE Committee earlier today. At the DE Committee meeting, the Chair asked the committee to email the Curriculum Office their suggestions and corrections before the addendum is sent to Curricunet to replace the old DE Checklist. The Chair also shared that "Distance Education" will no longer be a selection option in Curricunet. All DE will now fall under a course modification (or new course proposal) as all DE addenda should be updated and regularly reviewed at the same time face-to-face courses are being reviewed, modified, and/or updated. Some committee members agreed that this process is a more streamlined approach that will save faculty time while addressing the concerns of ACCJC. The committee approved the technical Curricunet integration of the DE addendum with the course modification process 14/0/0.

   The Chair also distributed a list of DE courses in Curricunet. She and the VPI would like the Deans and Discipline Faculty to review the list. If there are any discrepancies and/or concerns, Deans and Faculty are encouraged to

contact the Curriculum Office. The committee would like Faculty to begin updating their DE Addenda once the DE process and addendum is consolidated and finalized in the Fall.

The Director of Admissions and Records, Kathy Lucero, shared a change in the registration dates that may affect Curriculum approvals. Students will now register in May for the fall semester. As a result, the Curriculum calendar will be altered for the next academic year to align with registration changes.

4. **Regional Consortium:**
   ANNOUNCEMENT
   Leadership in Criminal Justice Certificate of Achievement:
       The Chair shared that this certificate is designed for the staff at CIW/CIM.
   International Business A.S.
   International Business Certificate of Achievement

   IN DEVELOPMENT
   Professional Baking and Patisserie certificate of achievement

   RECENTLY ENDORSED PROGRAMS
   Microsoft Office Excel Applications Certificate, 2nd Read - February 6, 2017
   Electronic Health Records Specialist, 2nd Read - February 6, 2017
   Inpatient Medical Coder Specialist, 2nd Read - February 6, 2017
   Medical Biller Specialist, 2nd Read - February 6, 2017
   Medical Insurance Billing, 2nd Read - February 6, 2017

5. **Board Report:**

Curriculum 2016-2017

New Courses

	Discipline	Course ID	TOP Code	Title	Units
1.	Business & Applied Technology	BUSL-405	1402.00	Legal Document Preparation	3
2.	Business & Applied Technology	BUSL-406	1402.00	Advanced Legal Research and Writing	3
3.	Business & Applied Technology	BUSL-408	1402.00	Bankruptcy and Debtor/Creditor Relations	3
4.	Business & Applied Technology	BUSL-409	1402.00	Family Law	3
5.	Business & Applied Technology	BUSL-411	1402.00	Estate Planning and Probate Law	3
6.	Business & Applied Technology	BUSL-412	1402.00	Immigration Law	3
7.	Business & Applied Technology	BUSL-413	1402.00	Workers' Compensation Law	3
8.	Business & Applied Technology	BUSMGT-466	0506.30	Introduction to Project Management	3
9.	Business & Applied Technology	CIS-460	0702.00	Fundamentals of Coding	1.5
10.	Business & Applied Technology	CISGAME-2	0614.20	Fundamentals of Game Development II	3
11.	Hospitality Management: Food Service	CUL-440	1306.30	Introduction to Baking	4

	Discipline	Course ID	TOP Code	Title	Units
12.	Hospitality Management: Food Service	CUL-441	1306.30	Advanced Professional Baking	4
13.	Hospitality Management: Food Service	CUL-442	1306.30	Professional Cooking	4
14.	Hospitality Management: Food Service	CUL-443	1306.30	Artisan Breads	4
15.	Hospitality Management: Food Service	CUL-444	1306.30	World Cuisine	3
16.	Hospitality Management: Food Service	CUL-445	1306.30	Cake Decorating, Pastry Art, and Chocolates	3
17.	Language Arts	ESL-531	4930.87	English as a Second Language III	4
18.	Language Arts	ESL-541	4930.87	English as a Second Language IV	4
19.	Language Arts	ESL-551	4930.87	English as a Second Language V	4
20.	Language Arts	ESL-611	4930.87	English as a Second Language I	0
21.	Language Arts	ESL-621	4930.87	English as a Second Language II	0
22.	Visual and Performing Arts	THEATRE-7	1007.00	Theatrical Script Analysis	3

Courses – Modifications

	Discipline	Course ID	TOP Code	Title	Units
1.	Business & Applied Technology	CIS-435	0702.10	Fundamentals of Microsoft Visio	1.5
2.	Business & Applied Technology	CISNTWK-12	0708.10	Introduction to Network Security Administration	3
3.	Mathematics and Science	ESC-5L	1919.00	Oceanography Laboratory	1
4.	Language Arts	ESL-475	4930.87	Fundamentals of College Reading and Writing for ESL Students	4
5.	Language Arts	ESL-508	4930.86	Pronunciation of American English	3
6.	Language Arts	ESL-650	4930.90	English and Citizenship	0
7.	Business and Applied Technology	IET-422	0956.70	OSHA Safety Training	2
8.	Kinesiology, Nutrition, and Athletics	KINACT-24	0835.10	Aerobic Cross Training	1

Courses – Reactivations

	Discipline	Course ID	TOP Code	Title	Units
1.	Social and Behavioral Sciences	CDE-430A	1305.90	Infant and Toddler: Group Caregiving I	3
2.	Health Sciences	NURADN-482	1230.10	Cooperative Education: NURSING ADN	1

Courses – Deactivations

	Discipline	Course ID	TOP Code	Title	Units
1.	Business & Applied Technology	CISIWEB-414	0707.10	Creating Dynamic Web Content using Javascript/AJAX	3

Courses – Distance Education

	Discipline	Course ID	TOP Code	Title	Units
1.	Business & Applied Technology	BUSMGT-44	0506.30	Introduction to Human Relations	3
2.	Business & Applied Technology	BUSMKT-40	0509.00	Marketing Principles	3
3.	Business & Applied Technology	BUSOT-470	0514.00	Office Systems	3
4.	Business & Applied Technology	BUSOT-50	0514.00	Filing and Records Management	3
5.	Business & Applied Technology	CIS-4	0702.00	Fundamentals of Microsoft Windows	1.5
6.	Business & Applied Technology	CIS-50	0708.10	Introduction to Computer Networks	3
7.	Business & Applied Technology	CIS-435	0702.10	Fundamentals of Microsoft Visio	1.5
8.	Business & Applied Technology	CIS-460	0702.00	Fundamentals of Coding	1.5
9.	Business & Applied Technology	CISGAME-2	0614.20	Fundamentals of Game Development II	3
10.	Business & Applied Technology	CISHDSP-40	0706.20	Microcomputer Hardware	3
11.	Business & Applied Technology	CISPROG-1	0707.10	Introduction to Computer Programming	3
12.	Business & Applied Technology	COMPSCI-3	0706.00	Computer Architecture and Organization	3
13.	Mathematics and Science	MATH-605	1702.00	Preparation for the Study of Pre-Algebra	0
14.	Kinesiology, Nutrition, and Athletics	NF-5	1301.00	Nutrition for Life	3
15.	Kinesiology, Nutrition, and Athletics	NF-15	1306.00	Nutrition I: Introduction to Nutrition Science	3

	Program of Study	AA/AS/C	TOP Code	Title	Units
16.	Visual and Performing Arts	PHOTO-1	1011.00	History of Photography.	3
17.	Mathematics and Science	PHYS-5	1902.00	The Idea of Physics	3

Programs of Study – New Programs

	Program of Study	AA/AS/C	TOP Code	Title	Units
1.	Business & Applied Technology	Certificate of Achievement	0514.00	Business Information Worker (BIW) Stage Two	22.5
2.	Hospitality Management: Food Service	Certificate of Achievement	1036.30	Professional Baking and Patisserie	21

Programs of Study –Modifications

	Program of Study	AA/AS/C	TOP Code	Title	Units
1.	Mathematics and Science	AS	0401.00	Biological Sciences	31-33
2.	Mathematics and Science	AS-T	0401.00	Biology	36
3.	Social and Behavioral Sciences	AS	1305.00	Child Development	27
4.	Business & Applied Technology	Certificate of Achievement	0708.10	CISCO CCNA Security Examination Preparation	4-12
5.	Health Sciences	Certificate of Career Preparation	1309.00	Community Caregiver	14
6.	Business & Applied Technology	Certificate of Career Preparation	0707.10	Computer Game Development	15
7.	Business & Applied Technology	AS	0702.00	Computer Information Systems	32.5
8.	Health Sciences	AS	1309.00	Gerontology	23-24
9.	Health Sciences	Certificate of Achievement	1309.00	Gerontology	23-24
10.	Business & Applied Technology	Certificate of Achievement	0514.00	Microsoft Word	13.5-15
11.	Business & Applied Technology	Certificate of Achievement	0708.10	Network Specialist	21
12.	Business & Applied Technology	Certificate of Achievement	1402.00	Paralegal Studies	36
13.	Social and Behavioral Sciences	AA	1510.00	Philosophy: Religious Studies	24
14.	Business & Applied Technology	Certificate of Career Preparation	0707.10	Programming Foundations	15
15.	Health Sciences	AS	1225.00	Radiologic Technology	72.5
16.	Business & Applied Technology	Certificate of Achievement	0510.00	Supply Chain Management	27

Programs of Study –Reactivations

	Program of Study	AA/AS/C	TOP Code	Title	Units
1.	Business & Applied Technology	Certificate of Career Preparation	0702.00	Computer Foundations	10.5

Programs of Study –Deactivations

	Program of Study	AA/AS/C	TOP Code	Title	Units
1.	Business & Applied Technology	Certificate of Career Preparation	0709.00	Web Page Developer Level Two	15-16.5

February 2017 Board Meeting

6. Miscellaneous

7. Consent Agenda: The consent agenda was approved as presented.

7.1. Per the Chancellors' Office request, the descriptions for the following ADTs were edited to remove the phrase "four year institution" and replace it with "CSU".
1. Communication Studies
2. Computer Science
3. Geography
4. Geology

8. Old Business

New Courses: Second Reading with DE Addenda

CIS-421	Social Media Technology	Approval: 15/0/0
CISIWEB-74	Creating Dynamic Web Content using Javascript *Request for Discussion: comparable course*	Approval: 15/0/0

New Courses: Second Reading

IM-604	Industrial Mechanical Math and Precision Tools	Approval: 15/0/0
IM-605	Introduction to Industrial Piping	Approval: 15/0/0
IM-606	Introduction to Valves, Bearings and Testing	Approval: 15/0/0
IM-607	Installation of Bearings, Couplings, Seals, and Drives	Approval: 15/0/0
THEATRE-37	Musical Theatre Performance II	Approval: 15/0/0
THEATRE-44	Audio/Visual Design in Theatre and Live Entertainment *Per Sheila Malone in response to some Tech Comments, the Class Size is tied to the number of lab seats and will not be increased from 20. Her response to the tech comment about technical theatre unit increase is, "in order to NOT change the certificate (until we can launch an adequate alternative) we will offer this course as a "choice" in completion of the 17 units."* Top Code issue has been resolved.	Approval: 15/0/0

Course Modifications: Second Reading with DE Addenda

ENGL-77	Latino Literature	Approval: 15/0/0

9. New Business

New Courses: First and Second Reading

BUSOT-64	Microsoft Office Access-Comprehensive	Approval: 15/0/0
GUID-6	Successful College Transition	Approval: 15/0/0
KINACT-28A	Beginning Yoga: *The Chair asked Elaine Martinez to launch a course deactivation for KINACT 28 and modify all programs/courses that have KINACT 28.*	Approval: 15/0/0
KINACT-28B	Intermediate Yoga	Approval: 15/0/0

New Courses: First Reading and Second Reading with DE Addenda

ASTRON-27	Life in the Universe *Committee Discussion: Does there need to be a second resource?*	Approval: 15/0/0

New Courses: First Reading with DE Addenda

GERO-407	Gerontology Career Internship/Cooperative Education *Note: Format and font cannot be changed administratively due to system set-up.* *Tabled: Send back to faculty to clarify title and explain DE rationale.*	Approval: Tabled

Course Modifications: First Reading and Second Reading with DE Addenda

ASTRON-26	Stars and Galaxies	Approval: 15/0/0
CISCO-1	Cisco Internetworking I	Approval: 15/0/0
CISCO-2	Cisco Internetworking II	Approval: 15/0/0
CISCO-3	Cisco Internetworking III	Approval: 15/0/0
CISCO-4	Cisco Internetworking IV	Approval: 15/0/0
CISCO-415	Cisco Internetworking V	Approval: 15/0/0
CISCO-416	Cisco Internetworking VI	Approval: 15/0/0
CISCO-417	Cisco Internetworking VII	Approval: 15/0/0
CISCO-418	Cisco Internetworking VIII	Approval: 15/0/0
CISCO-419	Cisco Internetworking IX	Approval: 15/0/0

Course Modifications: First Reading and Second Reading

BUSMGT-13	Supply Chain Management	Approval: 15/0/0
BUSMGT-14	Transportation management *Request for Discussion: comparable courses*	Approval: 15/0/0
BUSMGT-48	Quality Management	Approval: 15/0/0
HOTFS-482	Industry Internship: Hospitality Management	Approval: 15/0/0

Courses: Distance Education: *These proposals all have the appropriate DE Draft.*

ART-15	Color Theory	Approval: 15/0/0
CDE-2	Child Growth and Development	Approval: 15/0/0

Course Reactivations: First Reading *Affected programs have been launched.*

BUSOTMD-410	Current Procedural Terminology	Approval: 14/0/0
BUSOTMD-420	Basic ICD-10-CM Coding	Approval: 14/0/0

BUSOTMD-430	Intermediate Level ICD-10-CM, ICD-10-PCS Coding	Approval: 14/0/0
BUSOTMD-440	Medical Billing, Reimbursement, and Compliance	Approval: 14/0/0

Course Deactivations:

CISPROG-3	Fundamentals of Visual Basic Programming: *All affected programs reflect this deactivation.*	Approval: 15/0/0

New Programs: Final Reading

Electronic Health Records Specialist	Certificate of Achievement	Approval: 13/0/0
Industrial Mechanics	Certificate of Competency	Approval: 13/0/0
Inpatient Medical Coder Specialist	Certificate of Achievement	Approval: 13/0/0
Medical Biller Specialist	Certificate of Achievement	Approval: 13/0/0
Musical Theatre Performance	Certificate of Achievement	Approval: 13/0/0
Outpatient Medical Coder Specialist	Certificate of Achievement	Approval: 13/0/0
Social Media	Certificate of Career Preparation	Approval: 12/0/1

Program Modifications: Final Reading

Chinese Studies	A.A.	Approval: Tabled
Computer Information Systems	Certificate of Achievement	Approval: Tabled
Culinary Arts	Certificate of Achievement	Approval: Tabled
Hospitality Management: Food Service	Certificate of Achievement	Approval: Tabled
Hospitality Management: Hotel Management	A.S.	Approval: Tabled
Hospitality Management: Hotel Management	Certificate of Achievement	Approval: Tabled
International Business	A.S	Approval: Tabled
Supply Chain Management	A.S. *Request for Discussion*	Approval: Tabled
Theatre Arts	AA-T	Approval: Tabled
Theatre Performance	A.A.	Approval: Tabled

Program Reactivations: Final Reading

Medical Insurance Biller Specialist	Certificate of Achievement	Approval: Tabled

10. Adjournment: The meeting was adjourned at 3:04p.m.

Name	In attendance	Summary Notes	Distance Education	Consent Agenda	CIS-421 2ND READING	CISIWEB-74 2ND READING	IM-604 2ND READING	IM-605 2ND READING	IM-606 2ND READING	IM-607 2ND READING	THEATRE-37 2ND READING	THEATRE-44 2ND READING	ENGL-77 2ND READING	BUSOT-64 1ST and 2nd Reading	GUID-6 1ST and 2nd Reading	KINACT-28A 1ST and 2nd Reading	KINACT-28B 1ST and 2nd Reading	ASTRON-27 1ST and 2nd Reading
Andrew Schnurr	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Angela Burk-Herrick	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Annette Henry																		
Ardon Alger	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Charmaine Phipps																			
Cherlou Opulencia	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Daniel Jacobo																			
David Schlanger																			
Elaine Martinez	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Jason Chevalier	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
John Machado	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Julie Song																			
Linda Marcotte	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lucy Serrano	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Marlene Soto																			
Meridith Randall	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Michael Escobosa (Via Teleconference -CHMB 143)																			
Rob Kopp	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shelly Marcus (Via Teleconference -FNAC 100)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stephen Calebotta	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tom Vitzelio																			
Tracy Kocher																			
Wanda Baker	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Total Counts	15	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Guests
Cory Schwartz
Maria Isabell Sandoval
Stephen Shelton

Non Voting	
Kathy Lucero	X
Marie Boyd	X
Patricia Bopko	
Sharon Awad	X
Vanessa Thomas	X

Name	ASTRON-26 1ST and 2nd Reading	CISCO-1 1ST and 2nd Reading	CISCO-2 1ST and 2nd Reading	CISCIO-3 1ST and 2nd Reading	CISCO-4 1ST and 2nd Reading	CISCO-415 1ST and 2nd Reading	CISCO-416 1ST and 2nd Reading	CISCO-417 1ST and 2nd Reading	CISCO-418 1ST and 2nd Reading	CISCO-419 1ST and 2nd Reading	BUSMGT-13 1ST and 2nd Reading	BUSMGT-14 1ST and 2nd Reading	BUSMGT-48 1ST and 2nd Reading	ART-15 DISTANCE	CDE-2 DISTANCE ED.	BUSOTMD-410 1st Reading
Andrew Schnurr	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Angela Burk-Herrick	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Annette Henry																
Ardon Alger	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Charmaine Phipps																
Cherlou Opulencia	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Daniel Jacobo																
David Schlanger																
Elaine Martinez	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Jason Chevalier	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
John Machado	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Julie Song																
Linda Marcotte	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lucy Serrano	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Marlene Soto																
Meridith Randall	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Michael Escobosa (Via Teleconference-CHMB 143)																
Rob Kopp	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shelly Marcus (Via Teleconference-FNAC 100)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stephen Calebotta	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tom Vitzelio																
Tracy Kocher																
Wanda Baker	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Total Counts	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Name	BUSOTMD-420 1st Reading	BUSOTMD-430 1st Reading	BUSOTMD-440 1st Reading	CISPROG-3 DEACTIVATION	ELECTRONIC HEALTH RECORDS SPECIALIST	INDUSTRIAL MECHANICS CC	INPATIENT MEDICAL CODER SPECIALIST CA	MEDICAL BILLER SPECIALISR CA	MUSICAL THEATRE PERFORMANCE CA	OUTPATIENT MEDICAL CODER SPECIALIST CA	SOCIAL MEDIA CCP
Andrew Schnurr	X	X	X	X	X	X	X	X	X	X	X
Angela Burk-Herrick	X	X	X	X	X	X	X	X	X	X	X
Annette Henry											
Ardon Alger	X	X	X	X	X	X	X	X	X	X	A
Charmaine Phipps											
Cherlou Opulencia	X	X	X	X	X	X	X	X	X	X	X
Daniel Jacobo											
David Schlanger											
Elaine Martinez	X	X	X	X	X	X	X	X	X	X	X
Jason Chevalier	X	X	X	X	X	X	X	X	X	X	X
John Machado	X	X	X	X							
Julie Song											
Linda Marcotte	X	X	X	X	X	X	X	X	X	X	X
Lucy Serrano	X	X	X	X	X	X	X	X	X	X	X
Marlene Soto											
Meridith Randall	X	X	X								
Michael Escobosa (Via Teleconference -CHMB 143)											
Rob Kopp	X	X	X	X	X	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X	X	X	X	X	X
Shelly Marcus (Via Teleconference -FNAC 100)	X	X	X	X	X	X	X	X	X	X	X
Stephen Calebotta	X	X	X	X	X	X	X	X	X	X	X
Tom Vitzelio											
Tracy Kocher											
Wanda Baker	X	X	X	X	X	X	X	X	X	X	X
Total Counts	15	15	15	14	13	13	13	13	13	13	13