### REGULAR AGENDA BOARD OF TRUSTEES STATE CENTER COMMUNITY COLLEGE DISTRICT District Office Board Room 1525 E. Weldon Avenue, Fresno, CA 93704 4:30 p.m., December 13, 2016

I.	OPEN A. B. C.	ING ITEMS Call to Order Pledge of Allegiance Introduction of Guests	
II.	RESOLUTION SEATING BOARD MEMBER: [16-53] Paul Par Trustee for Area VII		
III.	SWEARING IN OF BOARD MEMBERS:Paul ParnellEric Payne, Area II; John Leal, Area III; Deborah J. Ikeda, AreaVI; Richard M. Caglia, Area VII		
IV.	ORGA	ANIZATION OF THE BOARD	[16-54] Board President
	A. B. C.	Election of Officers Appointment of Representatives Adoption of Board 2017 Calendar	
V.	. SPECIAL PRESENTATION TO OUTGOING BOARD Board President PRESIDENT		
VI.	APPROVAL OF MINUTES: Regular Meeting of November 1, 2016		
VII.	PUBLIC COMMENT [see footnote]		
VIII.	REPO	RTS AND PRESENTATIONS	
	A.	Joint District and Campus Presidents' Reports	Sandra Caldwell
	B.	Academic Senate Report	Stephanie Curry
	C.	Classified Senate Report	Susi Nitzel
	D.	Capital Projects and Measure C and E Bond Update	Christine Miktarian
IX.	REPO	RTS OF BOARD MEMBERS	
X.	FUTU	RE AGENDA ITEMS	Paul Parnell

### XI. CONSIDERATION OF CONSENT AGENDA [16-78HR through [16-87HR] [16-139G through [16-155G] XII. GENERAL ACTION ITEMS A. Consideration to Adopt Resolution Honoring Trustee [16-55] Board Patrick E. Patterson President Β. Consideration to Adopt Resolution Supporting Deferred [16-56] Lucy Ruiz Action for Childhood Arrivals (DACA) С. Consideration to Authorize Agreement for Program and [16-57] Christine Construction Management Services for Capital Projects, Miktarian Districtwide

### XIII. ADJOURNMENT

Any person with a disability may request this agenda be made available in an appropriate alternative format. A request for a disability-related modification or accommodation may be made by a person with a disability who requires a modification or accommodation in order to participate in the public meeting. Requests should be made as early as possible before the meeting and may be addressed to SCCCD Chancellor's Office, 1525 E. Weldon Ave., Fresno, CA 93704; or by phone to (559) 244-5902, Monday – Friday between 8:00 a.m. – 5:00 p.m.

Under Board Policy 2350, there is a limit of three minutes per speaker per topic, and thirty minutes is the maximum time allotment for public speakers on any subject, regardless of the number of speakers. These time limits may be extended at the discretion of the Board of Trustees. Individuals wishing to address the board should fill out a request form and submit it to Interim Vice Chancellor of Human Resources Annette Loria before the beginning of the meeting.

### CONSENT AGENDA BOARD OF TRUSTEES MEETING December 13, 2016

### HUMAN RESOURCES

1.	Employment, Retirement, Academic Personnel	[16-78HR]
2.	Employment, Promotion, Change of Status, Transfer, Resignation, Retirement, Classified Personnel	[16-79HR]
3.	Consideration to Approve an Increase in Compensation for Student Aide and Art Model Positions Due to California Minimum Wage Increase	[16-80HR]
4.	Consideration to Approve Six-Month Limited Term Position of Administrative Aide, District Office	[16-81HR]
5.	Consideration to Approve Four New Positions of Permanent Part- Time Food Service Worker I/II, Reedley College	[16-82HR]
6.	Consideration to Approve New Position of Administrative Assistant, Madera Community College Center	[16-83HR]
7.	Consideration to Appoint Dean of Student Services, Reedley College	[16-84HR]
8.	Consideration to Appoint Dean of Instruction Applied Technology, Fresno City College	[16-85HR]
9.	Consideration to Appoint Vice Chancellor of Human Resource, District Office	[16-86HR]
10.	Consideration to Approve New Positions for Capital Projects, District Operations	[16-87HR]
GENER	AL	
11.	Review of District Warrants and Checks	[16-139G]
12.	Consideration of Report of Investments	[16-140G]
13.	Consideration to Approve Quarterly Budget Transfers and Adjustment Report	[16-141G]
14.	Consideration to Accept Gift/Donation from the Hashimoto Estate	[16-142G]

### Consent Agenda December 13, 2016 (continued)

15.	Consideration to Approve Resolution to Reimburse Measures C and E Funds Expended Prior to Sale of Bonds	[16-143G]
16.	Consideration to Approve Qualified List for Architectural Services, Districtwide	[16-144G]
17.	Consideration to Approve Qualified List for Environmental Consultant Services, Districtwide	[16-145G]
18.	Consideration to Approve Issuance of Credit Cards for Co- Curricular Activities, Clovis Community College	[16-146G]
19.	Consideration to Approve Grant Agreements	[16-147G]
20.	Consideration to Authorize Agreement for Clinical Simulation Mannequins, Fresno City College	[16-148G]
21.	Consideration to Authorize Agreement for Data Warehouse Solution, Districtwide	[16-149G]
22.	Consideration to Authorize Purchase of Industrial Technology Equipment, Madera Community College Center	[16-150G]
23.	Consideration of Bids, Electric Utility Carts Districtwide	[16-151G]
24.	Consideration to Appoint Director and Alternate Director, Valley Insurance Program Joint Powers Authority	[16-152G]
25.	Consideration to Approve College and Career Access Partnership Agreements (AB288 Dual Enrollment)	[16-153G]
26.	Consideration to Approve Curriculum Proposals for Fresno City College, Reedley College and Clovis Community College	[16-154G]
27.	Consideration to Approve Out-of-State Student Travel for Fresno City College Theatre Arts Students	[16-155G]

### Unapproved MINUTES OF REGULAR MEETING OF STATE CENTER COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES November 1, 2016

Call to Order	A regular meeting of the State Center Community College District Board of Trustees was called to order by Board President Richard Caglia at 4:30 p.m. on November 1, 2016, in the District Office Board Room, 1525 W. Weldon Avenue, Fresno, California.
Trustees Present	Richard Caglia, President John Leal, Vice President Robert "Bobby" Kahn Jr, Secretary Miguel Arias (4:49 p.m.) Ronald Nishinaka Patrick Patterson Eric Payne
Trustees Absent	<ul> <li>Brenda Fuentes, Student Trustee</li> <li>Also present were:</li> <li>Paul Parnell, Chancellor, SCCCD</li> <li>Ed Eng, Vice Chancellor of Finance and Administration, SCCCD</li> <li>Barbara Hioco, Interim Vice Chancellor of Educational Services and Institutional Effectiveness, SCCCD</li> <li>Carole Goldsmith, President, Fresno City College</li> <li>Sandra Caldwell, President, Reedley College</li> <li>Lori Bennett, President, Clovis Community College</li> <li>Christine Miktarian, Associate Vice Chancellor of Business and Operations, SCCCD</li> <li>Pedro Avila, Associate Vice Chancellor of Enrollment Management, Admin and Records, and Information Systems</li> <li>Gregory Taylor, General Counsel, SCCCD</li> <li>Lucy Ruiz, Executive Director, Public and Legislative Relations, SCCCD</li> <li>Barbara Martin, Interim Executive Assistant to the Chancellor, SCCCD</li> </ul>
Introduction of Guests	Renee Delport was introduced as the new Reedley College Director of Marketing & Communications.

Unapproved Minutes, Board of Trustees, November 1, 2016 – Page 2

Approval of Minutes	The minutes of the regular meeting of October 4, 2016, were presented for approval. A motion was made by Trustee Arias and seconded by Trustee Kahn to approve the minutes with the following revision: That a comment made by Legal Counsel Gregory Taylor during the discussion of items 16-111G through 16-119G be included in the minutes. The motion passed without dissent.
Public Comment	None
Joint District and Campus Presidents' Reports	Lori Bennett gave campus reports for the months of October and November for all colleges.
Academic Senate Report	Elizabeth Romero, Clovis Community College Academic Senate president, reported on meetings and activities of the academic senates.
Classified Senate Report	Darnell Harris, Reedley College Classified Senate president, reported on meetings and activities of the classified senates.
FCC Dream Center Update	Carole Goldsmith explained what the Dream Act is and presented information regarding the Fresno City College Dream Center. Trustees asked questions and asked for another update in the near future. Lori Bennett added that Clovis Community College and Reedley College, while they are not part of this Dream Center, are serving dreamers as well.
Bond Update	Christine Miktarian and Lucy Ruiz presented updated information regarding Measure C. Ms. Ruiz stated that there will be a bond update at each Board of Trustees' meeting.
Reports of Board Members	Trustees Nishinaka, Patterson, Payne, Kahn and Leal reported on several events in which they participated during the last month. Trustee Arias thanked Dr. Goldsmith for her work on the Dream Center and with foster youth.
Future Agenda Items	<ul> <li>Items trustees asked to be on future agendas are:</li> <li>Update on the compensation study</li> <li>Written requests submitted by Trustee Patterson</li> </ul>

Consideration of Consent Agenda <u>Action</u> Board President Caglia announced that there has been an amendment to the exhibit for item 16-71HR on the consent agenda. Changes are in bold print and copies have been provided.

Trustee Arias requested items 16-127G and 16-136G be pulled and Trustee Payne requested item 16-77HR be pulled from the consent agenda.

It was moved by Trustee Kahn and seconded by Trustee Leal that the Board of Trustees approve consent agenda items 16-71HR through 16-76HR, 16-125G through 16-126G, 16-128G through 16-135G, and 16-137G through 16-138G, as amended. The motion carried without dissent.

After discussion it was moved by Trustee Arias and seconded by Trustee Nishinaka that the Board of Trustees approve item 16-127G as presented. The motion carried without dissent.

After discussion it was moved by Trustee Kahn and seconded by Trustee Arias that the Board of Trustees approve item 16-77HR as presented. The motion carried as follows:

Ayes - 6 Noes - 1 (Payne) Absent - 0

During the discussion regarding item 16-136G Trustee Caglia recused himself and left the room. After the discussion it was moved by Trustee Kahn and seconded by Trustee Nishinaka that the Board of Trustees approve item 16-136G, as presented. The motion passed as follows:

Ayes- 4Noes- 0Abstain- 2 (Patterson, Arias)Recusal- 1 (Caglia)Absent- 0

Employment,	Approve the academic personnel recommendations, items A
Retirement,	through B, as amended
Academic Personnel	
[16-71HR]	

### <u>Action</u>

Employment, Change of Status, Transfer, Leave of Absence, Resignation, Retirement, Classified Personnel [16-72HR] <u>Action</u>	Approve the classified personnel recommendations, items A through G, as presented
Appointment of California School Employees Association Nominee to the Personnel Commission for SCCCD [16-73HR] <u>Action</u>	Appoint Ms. Isabel Barreras as the CSEA representative to the Personnel Commission for the State Center Community College District to serve a three-year term beginning December 1, 2016
Consideration to	Approve the new position of Accounting Technician I, District
Approve New Position of Accounting Technician I, District Office [16-74HR] <u>Action</u>	Office

Consideration to Approve Six-Month Limited Term Position of Equal Employment Opportunity/ Diversity and Staff Development Manager, District Office [16-76HR] <u>Action</u>	Approve the six-month limited term position of Equal Employment Opportunity/Diversity and Staff Development Manager, District Office
Consideration to Appoint Vice President of Madera and Oakhurst Community College Centers, Reedley	Appoint Dr. Claudia Lourido-Habib to the position of Vice President of Madera and Oakhurst Community College Centers, Reedley College, with placement on the Management Salary Schedule at Range 66, Step 8 (\$12,655/monthly), effective January 3, 2017
College [16-77HR] <u>Action</u>	After discussion it was moved by Trustee Kahn and seconded by Trustee Arias that the Board of Trustees approve item 16-77HR as presented. The motion carried as follows:
	Ayes - 6 Noes - 1 (Payne) Absent - 0
Consideration to Adopt 2018-2019 and 2019-2020 Instructional Calendars [16-125G] <u>Action</u>	Adopt the 2018-19 and 2019-20 instructional calendars for Fresno City College, Reedley College, and Clovis Community College
Consideration to Approve Travel Abroad for Fresno City College Women's Soccer Team [16-126G] <u>Action</u>	Approve the out-of-country travel to England and Wales for the Fresno City College Women's Soccer Team and approve three coaches to accompany the team

Review of District Warrants and Checks	Review and approve the warrants register for the following accounts:			
[16-127G] <u>Action</u>	Account:	<u>Amount</u> :	For the Period:	
	District	\$ 18,965,245.51	09/13/16 to 10/11/16	
	Fresno City College Bookstore	349,847.50	09/14/16 to 10/11/16	
	Reedley College	412,993.49	09/14/16 to	
	Bookstore		10/11/16	
	Fresno City College Co-	92,397.08	09/13/16 to	
	Curricular		10/10/16	
	Reedley College Co-	90,363.54	09/13/16 to	
	Curricular		10/10/16	
	Clovis Community College	33,139.31	09/13/16 to	
			10/10/16	
	Total:	\$ 19,943,986.43		

After discussion it was moved by Trustee Arias and seconded by Trustee Nishinaka that the Board of Trustees approve item 16-127G as presented. The motion carried without dissent.

Financial Analysis of Enterprise and Special Revenue Operations [16-128G] <u>No Action</u>	Board information only – no action required
Acknowledgement of Quarterly Financial Status Report, General Fund [16-129G]	Acknowledge the Quarterly Financial Status Report (CCFS-311Q), as presented

Action

Consideration to Approve Grant Agreements [16-130G] <u>Action</u>	b)	Approve grant agreement recommendations, items A through G, as presented; Authorize renewal of the grant agreements with similar terms and conditions; and Authorize the chancellor or vice chancellor of finance and administration to sign the grant agreements on behalf of the district
Consideration to Accept Completed Construction Projects [16-131G] <u>Action</u>		Accept the completed projects, items A through D, as presented; and Authorize the chancellor or his designee to file a Notice of Completion with the County Recorder
Consideration of Bids, Room 110 Classroom Remodel, Health Science Building, Fresno City College [16-132G] <u>Action</u>	·	Award Bid #1617-07 in the amount of \$40,020 to Flexpro, Inc., the lowest responsible bidder for Room 110 Classroom Remodel, Health Science Building, at Fresno City College; and Authorize the chancellor or vice chancellor of finance and administration to sign an agreement on behalf of the district
Consideration to Authorize Agreement with USC Center for Urban Education, Fresno City College [16-133G] <u>Action</u>		Authorize an agreement with University of Southern California, Center for Urban Education, for Equity Scorecard Services at Fresno City College; and Authorize the chancellor or vice chancellor of finance and administration to sign an agreement on behalf of the district
Consideration to Authorize Agreement for Student Loan Default Prevention Services, Fresno City College and Reedley College [16-134G] <u>Action</u>	b)	Authorize annual agreements with i3, LLC, for student loan default prevention services, Fresno City College and Reedley College; Authorize future renewals of these student loan default prevention services agreements with similar terms and conditions; and Authorize the chancellor or vice chancellor of finance and administration to sign these agreements on behalf of the district

Consideration to Authorize Additional Services to Portal Integration and Customization Services Agreement, Districtwide [16-135G] <u>Action</u>

Consideration to Adopt Resolution to Excuse Trustee Absences from Special Meeting of September 19, 2016, Pursuant to Education Code Section 72024(d) [16-136G] <u>Action</u>

Consideration to Approve College and Career Access Partnership Agreements (AB288 Dual Enrollment) [16-137G] Action

- Authorize additional services to be performed under an existing agreement with Unicon, Inc., for portal integration and customization services, districtwide, in the amount of \$29,750 for a total agreement amount of \$165,500; and
- b) Authorize the chancellor or vice chancellor of finance and administration to sign an additional services agreement on behalf of the district
- a) Adopt Resolution No. 2016.25 recognizing that the absence of trustees Caglia and Patterson from the September 19 special meeting was due to a hardship; and
- b) Instruct the district not to withhold their pro rata share of compensation related to that meeting

During the discussion regarding item 16-136G Trustee Caglia recused himself and left the room. After the discussion it was moved by Trustee Kahn and seconded by Trustee Nishinaka that the Board of Trustees approve item 16-136G, as presented. The motion passed as follows:

Ayes - 4 Noes - 0 Abstain - 2 (Patterson, Arias) Recusal - 1 (Caglia) Absent - 0

approve the partnership agreements listed:

- Central High School
- Fowler High School
- Valley Regional Occupational Program (FCC)
- Valley Regional Occupational Program (RC)
- Washington Union High School
- Kings Canyon Unified School District High Schools (Reedley High School, Orange Cove High School, Reedley Middle College High School, Dunlap Leadership Academy, Kings Canyon High School, Mountain View High School)

Consideration of Claim, Mark Heatherington [16-138G] <u>Action</u>	Reject the claim submitted by Mark Heatherington and direct the chancellor or vice chancellor of finance and administration to give written notice of said action to the claimant
	*****************End of Consent Agenda**************
Consideration to Adopt Resolution Scheduling Date and Time for Organizational Meeting of the Board of Trustees [16-49] <u>Action</u>	A motion was made by Trustee Arias and seconded by Trustee Kahn that the Board of Trustees adopt Resolution No. 2016.24 selecting December 13, 2016, at 4:30 p.m., as the date and time for its annual organizational meeting; and direct the chancellor to notify, by copy of the completed resolution, all trustees, members-elect, and the County Superintendent of Schools of the time and date selected. The motion carried without dissent.
Consideration to Adopt Resolution Supporting	Lucy Ruiz spoke to the Board of Trustees regarding supporting Proposition 55.
Proposition 55, the Tax Extension to Fund Education and Health Care [16-50] <u>Action</u>	A motion was made by Trustee Leal and seconded by Trustee Nishinaka that the Board of Trustees adopt Resolution No. 2016.26 supporting Proposition 55, the Tax Extension to Fund Education and Healthcare. Trustee Patterson asked that the record reflect that he voted yes, but there needs to be a permanent method of financing education. The motion carried without dissent.
Consideration to Adopt Resolution in Support of	Lucy Ruiz spoke to the Board of Trustees regarding supporting Proposition 51.
Proposition 51, Bond Funding for K-12 School and Community College Facilities [16-51] <u>Action</u>	A motion was made by Trustee Nishinaka and seconded by Trustee Kahn that the Board of Trustees adopt Resolution No. 2016.27 in support of Proposition 51, Bond Funding for K-12 School and Community College Facilities. The motion carried without dissent.

Public Comment

None

Closed Session	Board President Caglia stated that in closed session the board would discuss the following:					
	A. THREAT TO PUBLIC SERVICES OR FACILITIES, Pursuant to Government Code § 54957(a): Consultation with Christine Miktarian, Associate Vice Chancellor of Business and Operations					
	B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION, Pursuant to Government Code § 54956.9(a): SCCCD Police Officers' Association v. SCCCD Public Employment Relations Board Unfair Practice Charge Case No. SACE 2860E					D Police Relations
	C. CC LI <sup>-</sup>	DNFERENCE WITH LE TIGATION, Pursuant t ne matter	GAL CO	UNSEL -	- ANTICIPAT	ED
	President Caglia called a recess at 6:39 p.m.					
Open Session	The b	oard moved into ope	en sessic	on at 8:(	)2 p.m.	
Consideration to Authorize Supplemental Police	Christine Miktarian asked the Board to Authorize Supplemental Police Services Contracts and Transfer of Reserve Funds					
Services Contracts and Transfer of Reserve Funds	A motion was made by Trustee Kahn and seconded by Trustee Arias that the Board of Trustees:					
[16-52] <u>Action</u>	di: pc	dopt Resolution No. 2 strict reserves not to blice contract service embers; and	exceed	\$600,0	00 for suppl	emental
	<ul> <li>b) Authorize the chancellor or vice chancellor of finance and administration to sign contracts with the Fresno Police</li> <li>Department and Madera County Sheriff's Department for</li> </ul>					
	police services.					
	ine m	notion passed as follo	··· <del>·</del> ·····	NO	A I	-1
			YES	NO	Absent	-
		Miguel Arias	X			
		Bobby Kahn	X			
		John Leal	X			-

Ron Nishinaka

Pat Patterson

Eric Payne Richard Caglia Х Х

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Adjournment

The meeting was adjourned at 8:04 p.m. by unanimous consent.

Robert "Bobby" Kahn Jr. Secretary, Board of Trustees State Center Community College District

:bm

PRESENTED	TO BOARD OF TRUSTEES	DATE: December 13, 2016		
SUBJECT:	Employment, Retirement, Academic Personnel	ITEM NO.	16-78HR	
EXHIBIT:	Academic Personnel Recommendations			

### Recommendation:

It is recommended the Board of Trustees approve the academic personnel recommendations, items A through C, as presented.

### ACADEMIC PERSONNEL RECOMMENDATIONS

Name	Campus	Class & Step	Salary	Position
Offenbach, Janice E.	RC	59, 1	\$70,934	Director of Institutional Research, Evaluation, & Planning
(Management c	ontract – Dece	ember 14, 2016 th	nrough June 30, 2	U
Newton, Michael J.	RC	II, 2	\$30,440	Communication Studies Instructor
(First Contract -	– January 5, 20	017 through May	19, 2017)	
Wells, Bobbie R.	FCC	III, 1	\$30,658	DSP&S Developmental Services Instructor
(First Contract -	– January 5, 20	017 through May	19, 2017)	
Scheidt, Shaynon T.	MC	III, 5	\$36,268	Biology Instructor

### A. Recommendation to <u>employ</u> the following persons:

(One Semester Temporary Contract – January 5, 2017 through May 19, 2017)

B. Recommendation to accept <u>resignation</u> for the purpose of <u>retirement</u> from the following persons:

Name	Campus	Effective Date	Position
Watts, Anne M.	FCC	December 21, 2016	Director of CalWORKs
Boyd, Robert D.	FCC	May 20, 2017	Philosophy Instructor
Van Vleet, Patricia	FCC	May 20, 2017	ESL/Linguistics Instructor
Dekker, Jan	RC	June 30, 2017	Vice President of Instruction

Name	Campus	Classification	Hourly Rate	Date
Camacho, Brett P.	DO	Trainer VI	\$55.86	July 18, 2016
Herb, Rhonda D.	DO	Trainer VI	\$55.86	September 6, 2016
Jenkins, Brandi R.	DO	Trainer IV	\$44.69	September 16, 2016
Glougie, John R.	DO	Trainer III	\$39.11	September 26, 2016
Shirey, Melinda R.	DO	Trainer VI	\$55.86	October 25, 2016
Hart, Robyn R.	DO	Trainer VI	\$55.86	November 8, 2016

### C. Recommendation to <u>employ</u> the following persons as Training Institute Trainers:

PRESENTED	TO BOARD OF TRUSTEES	DATE: Nov	vember 1, 2016
SUBJECT:	Employment, Promotion, Change of Status, Transfer, Resignation, Retirement, Classified Personnel	ITEM NO.	16-79HR
EXHIBIT:	Classified Personnel Recommendations		

### Recommendation:

It is recommended the Board of Trustees approve the classified personnel recommendations, items A through J, as presented.

### CLASSIFIED PERSONNEL RECOMMENDATIONS

### A. Recommendation to <u>employ</u> the following persons as <u>probationary</u>:

Name	Location	Classification	Range/Step/Salary	Date
Sanchez, Miguel	CCC	Custodian Position No. 5098	41-A \$2,978.83/mo.	10/28/2016
Wilson, Teira	CCC	Assessment Technician Position No. 5089	57-A \$4,105.25/mo.	10/28/2016
Lopez Murillo, Paola	DO	Human Resources Technician (Confidential) Position No. 1040	51-A (Confidential) \$3,793.75/mo.	11/04/2016
Brooks, Caleb	DO	Buyer Position No. 1198	61-A \$4,524.67/mo.	11/14/2016
Melton, Gabriel	DO	Maintenance Worker I Position No. 1108	46-A \$3,141.42/mo.	11/14/2016
Samarin, Jennifer	DO	Benefits Assistant Position No. 1171	48-A \$3,299.92/mo.	11/21/2016

B. Recommendation to <u>employ</u> the following persons as <u>provisional</u> – filling vacant position of permanent full-time or permanent part-time pending recruitment/selection, or replacing regular employee on leave:

Name	Location	Classification	Range/Step/Salary	Date
Yocupicio,	FCC	Administrative Assistant	55-B	10/03/2016
Amy		Position No. 2039	\$23.68/hr.	
Capistran,	DO	Department Secretary (PPT)	44-A	10/06/2016
Vincent		Position No. 1003	\$17.23/hr.	
Lake,	FCC	Office Assistant I	38-A	10/07/2016
Amanda		Position No. 2346	\$14.88/hr.	
Higashida,	FCC	Office Assistant III	48-A	10/12/2016
Kellie		Position No. 8503	\$19.04/hr.	
Ashford,	RC	Accounting Technician I	57-A	10/18/2016
Kelvin		Position No. 3015	\$23.68/hr.	

B. Recommendation to <u>employ</u> the following persons as <u>provisional</u> – filling vacant position of permanent full-time or permanent part-time pending recruitment/selection, or replacing regular employee on leave (cont'd):

Name	Location	Classification	Range/Step/Salary	Date
Bryan, Kristi	CCC	Office Assistant III Position No. 5055	48-A \$19.04/hr.	10/20/2016
Haros, Alexis	FCC	Department Secretary (PPT) Position No. 8136	44-A \$17.23/hr.	10/25/2016
Corneal, Craig	MCCC	Instructional Technician – Manufacturing (PPT) Position No. 4059	50-A \$19.98/hr.	10/26/2016
Galvez, Serina	RC	Custodian Position No. 3108	41-A \$15.99/hr.	11/01/2016
Her, Yer	DO	Human Resources Analyst (Confidential) Position No. 1197	63-A (Confidential) \$29.56/hr.	11/01/2016
Clark, Rebecca	OCCC	Office Assistant III (PPT) Position No. 6002	48-A \$19.04/hr.	11/02/2016
Cobb, Shonda	FCC	Sign Language Interpreter III Position No. 8085	48-A \$19.04/hr.	11/02/2016

### C. Recommendation to <u>employ</u> the following persons as <u>limited term</u> (Ed Code 88105):

Name	Location	Classification	Range/Step/Salary	Date
Fisher, Morgan	RC	Office Assistant III (PPT) Position No. 9032	48-A \$19.04/hr.	10/24/2016
Zuniga, Stacy	DO	Equal Employment Opportunity/Diversity & Staff Development Manager Position No. 9035	44-1 (Mgmt.) \$6,497.17/mo.	11/01/2016

### D. Recommendation to <u>employ</u> the following persons as <u>exempt</u> (Ed Code 88076):

Name	Location	Classification	Flat Rate	Date
Duch,	FCC	Art Model	\$10.25/hr.	08/29/2016
Tommy				

Name	Location	Classification	Flat Rate	Date
Grillo, Gino	FCC	Trainer Assistant II	\$17.30/hr.	09/21/2016
Gary, Rebecca	FCC	Trainer Assistant II	\$17.30/hr.	09/26/2016
Garcia, Mandy	FCC	Art Model	\$10.25/hr.	11/09/2016
Vazquez Ramirez, Andre	FCC	Trainer Assistant II	\$17.30/hr.	11/09/2016

D. Recommendation to <u>employ</u> the following persons as <u>exempt</u> (Ed Code 88076) (cont'd):

E. Recommendation to <u>employ</u> the following persons as <u>retiree/hourly</u> (Ed Code 88034):

Name	Location	Classification	Hourly Rate	Date
Simms,	DO	Director of Maintenance &	44-8 (Mgmt.)	11/03/2016
Carl		Operations	\$47.18/hr.	
		Position No. 1071		

F. Recommendation to approve the <u>promotion</u> of the following <u>regular</u> employees:

Name	Location	Classification	Range/Step/Salary	Date
Privett,	CCC	General Utility Worker	43-E	11/14/2016
Gary		Position No. 1158 to	\$3,546.83/mo. to	
	DO	Maintenance Worker I	46-E	
		Position No. 1101	\$3,817.50/mo.	
Matz, Katherine	DO	Secretary to the Vice Chancellor Position No. 1044 to Executive Assistant to the Chancellor Position No. 1041	58-E (Confidential) \$6,187.25/mo. to 65-C (Confidential) \$6,662.50/mo.	12/14/2016

Name	Location	Classification	Range/Step/Salary	Date
Needham,	DO	Human Resources	63-C (Confidential)	11/01/2016
Brittany		Management Systems Analyst	\$32.56/hr. to	
		(PPT)	63-C (Confidential)	
		Position No. 1018 to	\$5,642.92/mo.	
		Human Resources		
		Management Systems Analyst		
		Position No. 1018		
Soto,	DO	Human Resources Technician	50-A	11/19/2016
Blanca		Position No. 1040 to	\$3,464.00/mo. to	
		Office Assistant II	41-D	
		Position No. 1168	\$3,210.00/mo.	
(Return to regul	lar assignme	ent)		

G. Recommendation to approve the <u>change of status</u> of the following <u>regular</u> employees:

H. Recommendation to approve the <u>lateral transfer</u> of the following employees (regular):

Name	Location	Classification	Range/Step/Salary	Date
Johnson,	OCCC	Office Assistant III (PPT)	48-A	10/31/2016
Amanda		Position No. 6002 to	\$19.04/hr. to	
		Office Assistant III	48-A	
		Position No. 6005	\$3,299.92/mo.	
(Lateral Transfe	er per Person	nnel Commission Rule 11-2)		
Davis,	MCCC	Micro-Computer Resource	63-E	11/01/2016
James		Technician	\$5,914.83/mo. to	
	RC	Position No. 4027 to	63-E	
		Micro-Computer Resource	\$5,914.83/mo.	
		Technician		
		Position No. 3028		
(Lateral Transfe	er per Person	nnel Commission Rule 11-2)		

I. Recommendation to accept the <u>resignation</u> of the following <u>regular</u> employees:

Name	Location	Classification	Date
McGinnis,	CCC	Educational Advisor	11/18/2016
Rica		Position No. 5065	

J. Recommendation to accept the <u>retirement</u> of the following <u>regular</u> employees:

Name	Location	Classification	Date
Ashcroft,	RC	Office Assistant III	12/23/2016
Gail		Position No. 3142	

J. Recommendation to accept the <u>retirement</u> of the following <u>regular</u> employees (cont'd):

N	Name	Location	Classification	Date
(	Gould,	DO	Groundskeeper Worker	02/01/2017
	Leonard		Position No. 1086	

# PRESENTED TO BOARD OF TRUSTEES DATE: December 13, 2016 SUBJECT: Consideration to Approve an Increase in<br/>Compensation for Student Aide and Art Model<br/>Positions Due to California Minimum Wage<br/>Increase ITEM NO. 16-80HR EXHIBIT: None

### Background:

California's present minimum wage is \$10.00 per hour. The Governor and the California Legislature have agreed to a minimum wage increase of 50¢ per hour, increasing the minimum wage to \$10.50 per hour, effective January 1, 2017.

Due to this increase in the minimum wage, administration is recommending the following implementation:

Title	Current Salary	Proposed Salary
Student Aide I	\$10.00/hour	\$10.50
Student Aide II	\$11.00/hour	\$11.25
Student Aide III	\$12.00/hour	Remains the same
Student Aide IV	\$13.25/hour	Remains the same
Art Model	\$10.00/hour	\$10.50

### Effective January 1, 2017

### Recommendation:

In accordance with Board Policy 7230, it is recommended the Board of Trustees approve the minimum wage increases of Student Aide and Art Model position as presented, effective January 1, 2017.

PRESENTEI	D TO BOARD OF TRUSTEES	DATE: Dec	cember 13, 2016
SUBJECT:	Consideration to Approve Six-Month Limited Term Position of Administrative Aide, District Office	ITEM NO.	16-81HR
EXHIBIT:	None		

### Background:

A six-month limited term administrative aide position is being requested by the Educational Services and Institutional Effectiveness Division due to unanticipated personal issues resulting in reduced staff support. A six-month limited term administrative aide position will allow the division to continue to provide needed support functions and to meet workload and deadline requirements.

### Recommendation:

In accordance with Board Policy 7230, administration recommends the Board of Trustees approve the six-month limited term position of Administrative Aide, District Office.

PRESENTED	TO BOARD OF TRUSTEES	DATE: December 13, 2016
SUBJECT:	Consideration to Approve Four New Positions of Permanent Part-Time Food Service Worker I/II, Reedley College	ITEM NO. 16-82HR
EXHIBIT:	None	

### Background:

The Reedley College Food Services Department currently has two vacant positions. One is a full-time cafeteria attendant position, the other is permanent part-time cafeteria attendant position. These vacancies have allowed for the opportunity to address staffing needs within the food services operation at Reedley College.

Administration is recommending defunding the full-time cafeteria attendant position and the permanent part-time cafeteria attendant position, and adding four permanent part-time food service worker I/II positions. These positions would be 19 hours per week and would allow food services to better cover the cash register and food services line to better serve the needs of the students. This would also allow more flexibility to perform additional essential duties within the food services operations.

This recommendation would result in a net savings per year of \$2,986.01. Although this is a minimal cost savings, the overall operation of the food services department would be improved.

### Recommendation:

In accordance with Board Policy 7230, administration recommends the Board of Trustees approve four new positions of Permanent Part-Time Food Service Worker I/II, Reedley College.

PRESENTEI	D TO BOARD OF TRUSTEES	DATE: Dec	cember 13, 2016
SUBJECT:	Consideration to Approve New Position of Administrative Assistant, Madera Community College Center	ITEM NO.	16-83HR
EXHIBIT:	None		

### Background:

District administration is recommending the addition of a new administrative assistant as support for the vice president of the Madera and Oakhurst community college centers. This position is currently supported by a vacant administrative aide position.

Administration has reviewed the duties and is recommending the new position as the higher level duties will better support the vice president and better serve the needs of the students and staff. This new position will align the secretarial position duties with the title of the supervisor at the community college centers. The department will defund the administrative aide position in order to offset the increased budget expense.

### Recommendation:

In accordance with Board Policy 7230, administration recommends the Board of Trustees approve the new position of Administrative Assistant, Madera Community College Center.

PRESENTEI	D TO BOARD OF TRUSTEES	DATE: <u>December 13, 2016</u>
SUBJECT:	Consideration to Appoint Dean of Student Services, Reedley College	ITEM NO. 16-84HR
EXHIBIT:	None	

### Background:

The position of Dean of Student Services, Reedley College, was posted on August 15, 2016, and the district received 35 completed applications. The search advisory committee was composed of two academic administrators, one classified manager, seven faculty members, one classified staff member and one student. The committee paper screened the applications and invited ten candidates to be interviewed. Following the interviews, four candidates were forwarded to the president for interviews.

Following those interviews, Ms. Terri Sanders is being recommended for the position of Dean of Student Services, Reedley College. Ms. Sanders has been employed at Georgia State University for the past fifteen years. She is currently employed as the associate director of academic advisement and has held that position for one year. Prior to that she was the assistant director of academic advisement for four years. Ms. Sanders held the position of academic advisor for five years and the positon of housing coordinator/complex director for five years. Ms. Sanders received a bachelor of arts in English from the University of Mississippi and a master of science in counseling psychology from the University of Southern Mississippi.

### Recommendation:

In accordance with Board Policy 7110, administration recommends the Board of Trustees appoint Ms. Terri Sanders as Dean of Student Services, Reedley College, with placement on the Management Salary Schedule at Range 62, Step 1 (\$9,279.58 monthly), effective January 3, 2017.

PRESENTED TO BOARD OF TRUSTEES		DATE: <u>December 13, 2016</u>	
SUBJECT:	Consideration to Appoint Dean of Instruction, Applied Technology, Fresno City College	ITEM NO.	16-85HR
EXHIBIT:	None		

### Background:

The position of Dean of Instruction, Applied Technology, Fresno City College, was posted on August 29, 2016, and the district received ten completed applications. The search advisory committee was composed of two academic administrators, five faculty members, and two classified staff members. The committee paper screened the applications and invited seven candidates to be interviewed. Following the interviews, five candidates were interviewed by the president.

Following those interviews, Becky Barabe is being recommended for the position of Dean of Instruction, Applied Technology, Fresno City College. Ms. Barabe is currently employed as the director of business, industry, community services at Merced Community College District. She has been employed in this position for five years. Prior to that she worked for one year as the director of workplace learning resource center at Merced Community College District. Ms. Barabe served as the executive director at the Westside Tule Enterprise Community in Coalinga for seven years. Additionally, she served as the training coordinator for the Fresno County Workforce Investment Board's American Recovery and Reinvestment Act-funded projects.

Ms. Barabe was the coordinator/project specialist at the Fresno County Office of Education for a year and a half. Ms. Barabe has been an adjunct faculty member at West Hills Community College District for seventeen years. She earned her bachelor of arts in comparative literature from the University of California, Berkeley, and earned her masters of arts in administrative leadership from Fresno Pacific University. She is currently enrolled in the educational leadership in higher education doctoral program with Concordia University, Portland, Oregon.

### **Recommendation:**

In accordance with Board Policy 7110, administration recommends the Board of Trustees appoint Ms. Becky Barabe as Dean of Instruction, Applied Technology, Fresno City College, with placement on the Management Salary Schedule at Range 62, Step 1 (\$9,279.58 monthly), effective January 3, 2017.

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016	
SUBJECT:	Consideration to Appoint Vice Chancellor of Human Resources, District Office	ITEM NO.	16-86HR
EXHIBIT:	None		

### Background:

The position of Vice Chancellor of Human Resources was posted on August 1, 2016, and the district received 15 completed applications. The search advisory committee was composed of two academic administrators, four classified managers, three faculty members, three classified staff members, one confidential staff member, one personnel commissioner and one community member. The committee paper screened the applications and invited six candidates to be interviewed. Following the interviews, two candidates were forwarded to the chancellor for interviews.

Following those interviews, Ms. Julianna Mosier is being recommended for the position of Vice Chancellor of Human Resources. Ms. Mosier currently serves as the supervisor, human resources, at Pasadena City College and has held this position for three years. In her current position she is responsible for the direct management of the day-to-day operations of the human resources office and functions. She leads the district negotiating teams, all aspects of the contract preparation, she coordinates and facilitates the district grievance processes and works closely with district and union leadership. She oversees the benefits administration, leaves of absence, complaints and investigations. She is responsible for the coordination of the district recruitment. Ms. Mosier interprets, applies and explains laws, codes, rules and regulations to staff and management, and she is responsible for the oversight of the HR budget.

She was previously the senior human resources generalist at College of the Canyons for six years. Ms. Mosier has also held human resources management positions in the private industry for nine years. Ms. Mosier received her bachelor of arts degree in history from the University of California, Santa Barbara. She received a professional designation in human resources management from the University of California, Los Angeles, and her masters of business administration from California State University, Northridge.

Item No. 16-86HR Page 2

Recommendation:

In accordance with Board Policy 7110, administration recommends the Board of Trustees appoint Ms. Julianna Mosier as Vice Chancellor of Human Resources with an annual salary of \$177,677, effective January 23, 2017.

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016	
SUBJECT:	Consideration to Approve New Positions for Capital Projects, District Operations	ITEM NO. 16-87HR	
EXHIBIT:	None		

### Background:

With the recent passage of the Measure C, the district has begun the necessary steps to initiate the district's planning and construction process. The bond implementation process brings forth staffing needs to manage several consultants, staff, and contractors to ensure the program is initiated, coordinated, and implemented effectively and efficiently.

Internal staff is necessary to ensure consistent management of bond project processes, while ensuring cost containment of consultant services. Administration is recommending the addition of a district director of capital projects, a construction services assistant and an office assistant III position to assist in managing the process of implementation of the projects, which includes programming; coordination of plan preparation and bid specifications; ensuring compliance with state and local building code requirements; coordinating and evaluating architecture and engineering services for the project designs; overseeing construction progress; reviewing change orders and inspection reports; maintaining project files; working with the architects, engineers, consultants, suppliers and operations staff.

### Recommendation:

In accordance with Board Policy 7230, administration recommends the Board of Trustees approve the new positions of District Director of Capital Projects, Construction Services Assistant and Office Assistant III, District Operations.

## PRESENTED TO BOARD OF TRUSTEES DATE: December 13, 2016 SUBJECT: Review of District Warrants and Checks ITEM NO. 16-139G EXHIBIT: None

### Recommendation:

In accordance with Board Policy 6300, administration recommends the Board of Trustees review and approve the summary of the warrants register for the following accounts:

Account:	Amount:	For the Period:
District Fresno City College Bookstore	\$ 23,259,446.00 124,120.99	10/12/16 to 11/20/16 10/12/16 to 11/22/16
Reedley College Bookstore	149,372.82	10/12/16 to 11/22/16
Fresno City College Co-Curricular	231,417.84	10/11/16 to 11/21/16
Reedley College Co-Curricular	146,682.67	10/10/16 to 11/17/16
Clovis Community College Co-Curricular	68,230.29	10/07/16 to 11/21/16
Total:	\$ 23,979,270.61	

PRESENTED	TO BOARD OF TRUSTEES	DATE: December 13, 2016
SUBJECT:	Consideration of Report of Investments	ITEM NO. 16-140G
EXHIBIT:	Quarterly Investment Report	

### Background:

Administrative Regulation 6320 permits the district to invest district funds held by the County Treasurer in the County Treasurer's investment pool. Included as an exhibit is the Quarterly Investment Report from the Fresno County Treasurer's office for the period ending September 30, 2016. Review of the Quarterly Investment Report is recommended by Government Code section 53646. The Fresno County Treasurer's Investment Pool is in full compliance with all applicable government codes. It is presented for the board's review.

Fiscal Impact:

None

### Recommendation:

In accordance with Board Policy 6320, administration recommends the Board of Trustees accept the Quarterly Investment Report, as provided by the County of Fresno, for the quarter ending September 30, 2016.



## **County of Fresno**

**OSCAR J. GARCIA, C.P.A.** AUDITOR-CONTROLLER/TREASURER-TAX COLLECTOR

October 27, 2016

Received

State Center Community College District Attn: Ed Eng Vice Chancellor – Finance & Administration 1525 East Weldon Avenue Fresno, California 93704

OCT 3 1 2016

SCCCD Business Office

Dear Mr. Eng:

Enclosed is the Compliance Review of the Treasurer's Investment Pool for the period ended September 30, 2016. As you know, this report is prepared quarterly to provide detailed information about Fresno County's Treasury portfolio. The Fresno County Treasurer's Investment Pool is in full compliance with all applicable government codes.

The weighted average maturity for the quarter ended September 30, 2016 was 2.16 years.

Feel free to contact me at 600-3496 if you have any questions or need additional information.

Sincerely,

Oscar J. Garcia, C.P.A.

Oscar J. Garcia, C.P.A. Auditor-Controller/Treasurer-Tax Collector

OG:mb:tp

Enclosure



# **Quarterly Investment Report**

# As of September 30, 2016

P.O. Box 1247

Fresno, CA 93715 | Telepho

Telephone 559.600.3487

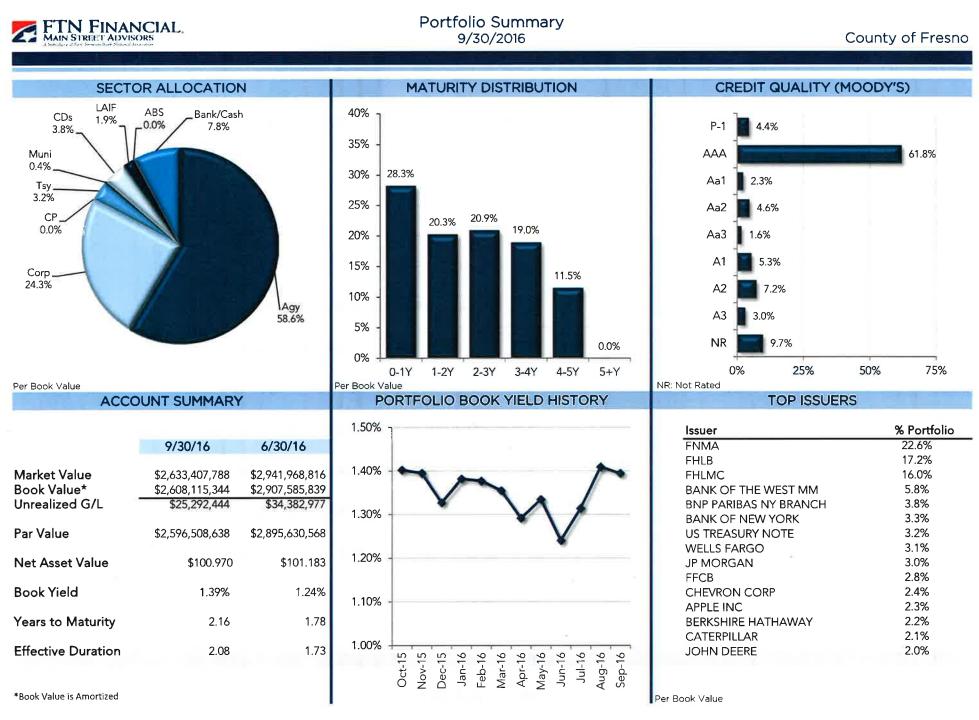
INVESTMENTS@CO.FRESNO.CA.US

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Portfolio Statistics & Projected Cash Flows	15
Pool Participant Breakdown	16
Holdings Report	18
Monthly Economic and Market Update	33

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Board of Supervisors: Andreas Borgeas, Buddy Mendes, Brian Pacheco, Henry Perea, Debbie Poochigian \* County Administrative Officer: Jean Rousseau





- 1

## Investment Policy Compliance 9/30/2016

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County of Fresno

Item / Sector	Parameters	In Cor	npliance
11.0 Weighted Average Maturity	Weighted Average Maturity (WAM) must be less than 3.5 years.	Yes	2.2 Yrs
8.1 U.S. Treasuries	No sector limit, no issuer limit, max maturity 5 years.	Yes	3.2%
8.2 U.S. Agencies	No sector limit, no issuer limit, max maturity 5 years.	Yes	58.6%
8.3 Banker Acceptances	40% limit, Issue is eligible for purchase by Federal Reserve. Issuer is among 150 largest banks based on total asset size; max maturity 180 days; rated A-1 or P-1	Yes	0.0%
8.4 Commercial Paper	40% limit, corporation organized and operating in the US with total assets of \$500mm. 10% of issuer's CP / 10% in any one issuer; max maturity 270 days; minimum short-term rating of A-1 by S&P or P-1 by Moody's, minimum long-term rating of A by S&P or its equivalent or better ranking by a nationally recognized rating service.	Yes	0.0%
8.5 Negotiable CDs	30% limit (combined with 8.6.1), Issued by national or state chartered bank or savings assoc., or a state licensed branch of a foreign bank that is among 150 largest banks in total asset size; minimum short-term rating of P-1 or A-1 or issuer meets rating requirements; 5% in any one issuer, max maturity 13 months.	Yes	3.8%
8.6 Non-Negotiable CDs	50% limit, Issued by national or state chartered bank or savings association. FDIC insurance OR full collateralization of 110% government or 150% mortgages. Contract for Deposit in place. 15% in any one issue; short-term rating is a minimum of A-1 by S&P or P-1 by Moody's, max maturity 13 months.	Yes	0.0%
8.6.1 Placement CDs	15% limit (30% combined with 8.5), Issued by national or state chartered bank or savings association or credit union that uses a placement entity. Deposit Placement Agreement in Place.	Yes	0.0%
8.7 Repurchase Agreements	15% limit, Tri-party agreement in place. 102% collateralization of US treasuries or agencies, BAs, CP, Negotiable CD's; Overnight or weekend maturities.	Yes	0.0%
8.8 Medium-Term Notes	30% limit, organized and operating in the US or state licensed depository institution; max maturity 5 years; rated A or better by S&P, or its equivalent or better by a nationally recognized rating service.	Yes	24.3%
8.9 L.A.I.F	No sector limit, no issuer limit, California State's deposit limit is \$65 million; Current investment policy limit is \$50 million.	Yes	50 millior



#### Investment Policy Compliance (Continued) 9/30/2016

County of Fresno

Item / Sector	Parameters	In Com	pliance
8.10 Mutual Funds/ Money Markets Funds	20% limit, 10% per issuer; Registered with SEC, 5 years experience, \$500mm AUM or rated by AAA-m, Aaa-mf, AAA-m by not less than two nationally recognized rating agencies.	Yes	0.0%
8.11 ABS and MBS	10% limit combined. Security must be AA rated by one rating agency, with an A or better rating for the underlying.	Yes	0.0%
8.12 Money Held from Pledged Assets	Invest according to statutory provision or according to entity providing issuance.	Yes	0.0%
8.13 External Managers	Invest per policy,	Yes	0.0%
8.14 State of California Debt	10% limit, Registered State warrants or CA treasury notes, including revenue producing entities controlled or operated by the State or by a department, board, agency, or authority of the State; 5 years max maturity.	Yes	0.4%
Cash & Bank Account	NA	NA	7.8%

#### Compliance

The County Treasurer believes the Treasury Investment Pool contains sufficient cash flow from liquid and maturing securities, bank deposits, and incoming cash to meet the next six months of expected expenditures.

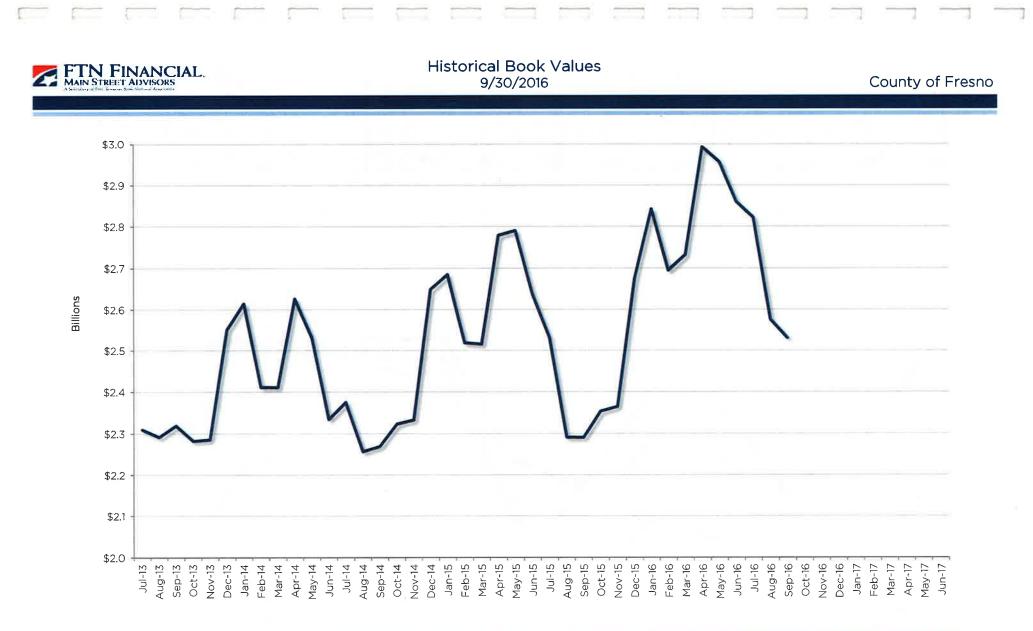
#### Review and Monitoring

FTN Financial Main Street Advisors, the County's investment advisor, currently monitors the Treasury Department's investment activities.

#### Additional Information

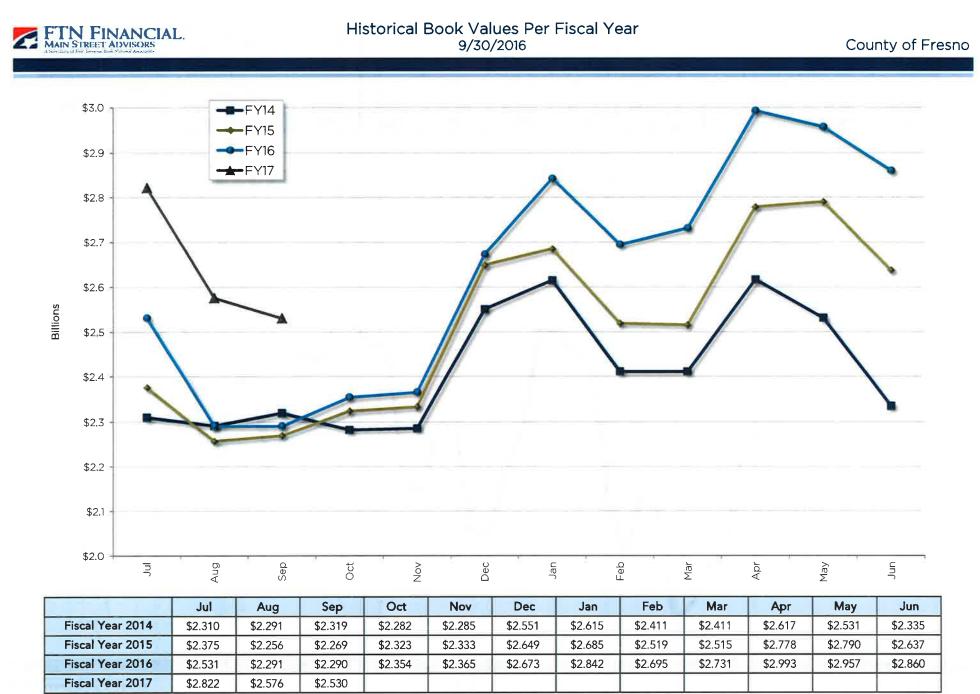
Securities are purchased with the expectation that they will be held to maturity, so unrealized gains or losses are not reflected in the yield calculations.

The market values of securities were taken from pricing services provided by Interactive Data Corporation.

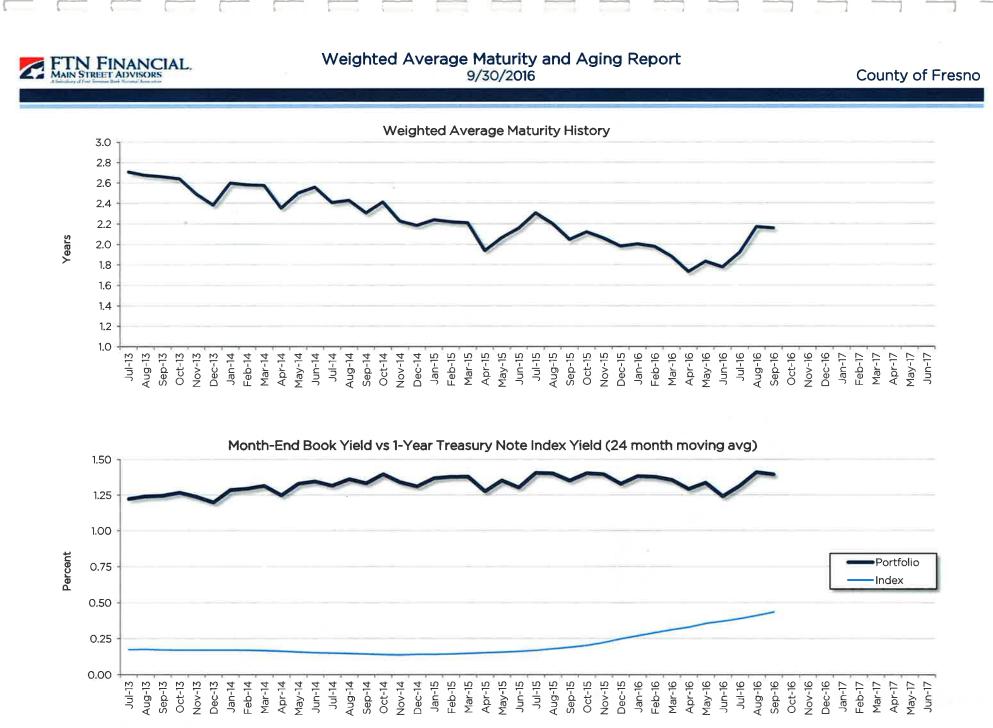


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Fiscal Year 2014	\$2.310	\$2.291	\$2.319	\$2.282	\$2.285	\$2.551	\$2.615	\$2.411	\$2.411	\$2.617	\$2.531	\$2.335
Fiscal Year 2015	\$2.375	\$2.256	\$2.269	\$2.323	\$2.333	\$2.649	\$2.685	\$2.519	\$2.515	\$2.778	\$2.790	\$2.637
Fiscal Year 2016	\$2.531	\$2.291	\$2.290	\$2.354	\$2.365	\$2.673	\$2.842	\$2.695	\$2.731	\$2.993	\$2.957	\$2.860
Fiscal Year 2017	\$2.822	\$2.576	\$2.530									

Figures in Billions, Average Daily Balance



Figures in Billions, Average Daily Balance

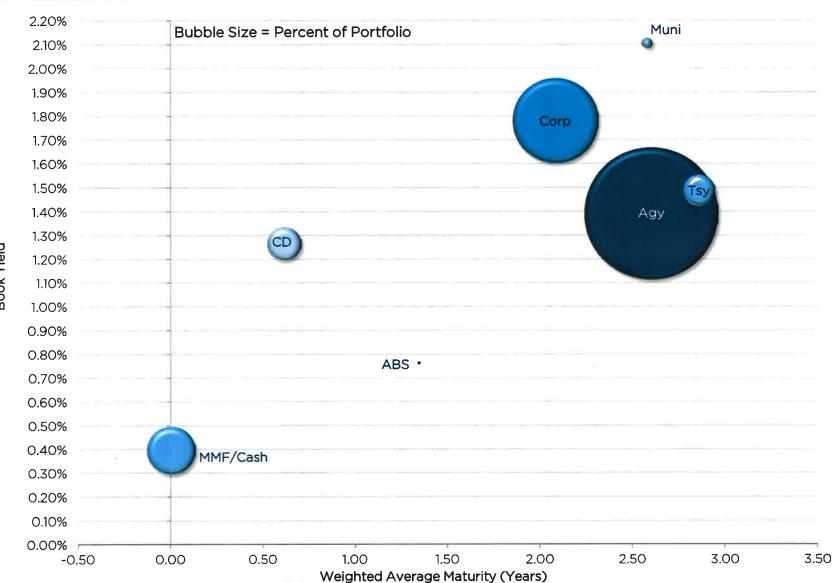


Index: 24 Month Moving Average of the BofA Merrill 1-Year US Treasury Note Index



#### Book Yield per WAM per Percent of Portfolio 9/30/2016

County of Fresno



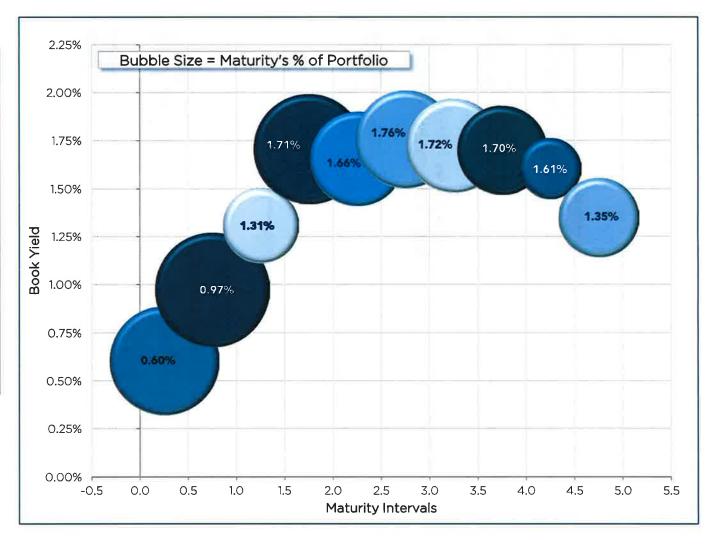
#### Book YTM Per 6-Month Maturity Intervals 9/30/2016

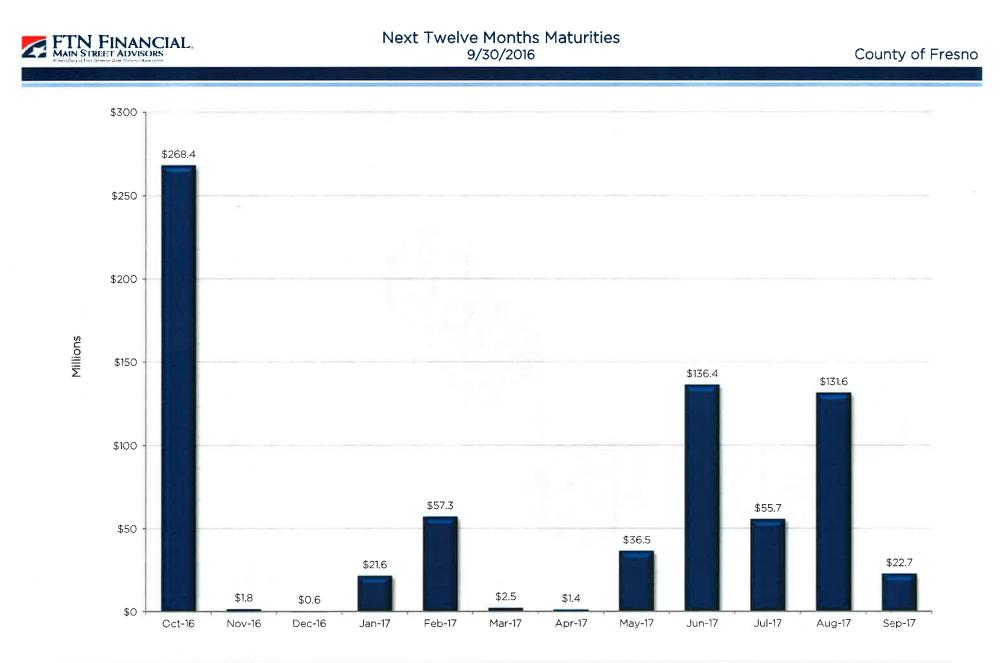
County of Fresno

Years	Book Yield	% of Portfolio*
0 to .5	0.60%	13.51%
.5 to 1.0	0.97%	14.78%
1.0 to 1.5	1.31%	6.52%
1.5 to 2.0	1.71%	13.77%
2.0 to 2.5	1.66%	10.02%
2.5 to 3.0	1.76%	10.90%
3.0 to 3.5	1.72%	9.97%
3.5 to 4.0	1.70%	9.02%
4.0 to 4.5	1.61%	4.23%
4.5 to 5.0+	1.35%	7.30%

FTN FINANCIAL. MAIN STREET ADVISORS

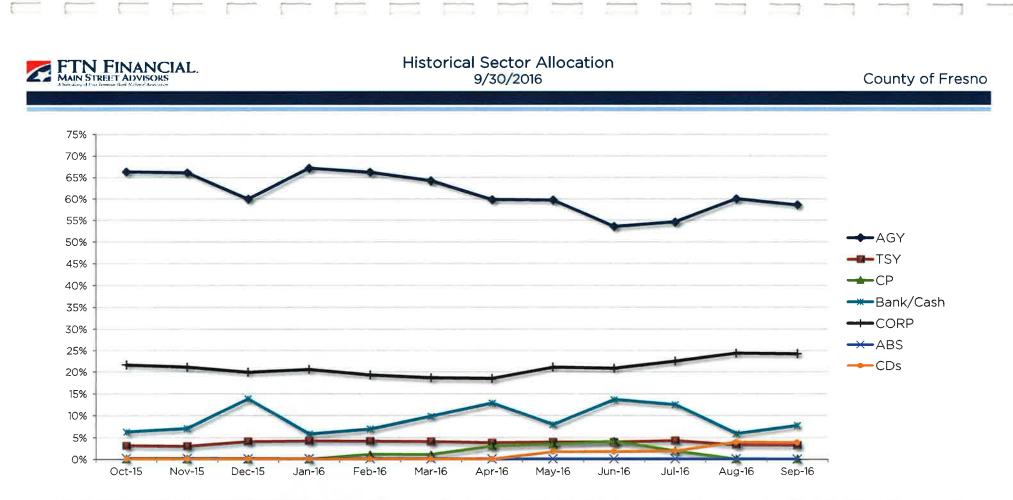
\*Based on Book Value





	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
Maturities	\$268.4	\$1.8	\$0.6	\$21.6	\$57.3	\$2.5	\$1.4	\$36.5	\$136.4	\$55.7	\$131.6	\$22.7

Par Value in Millions



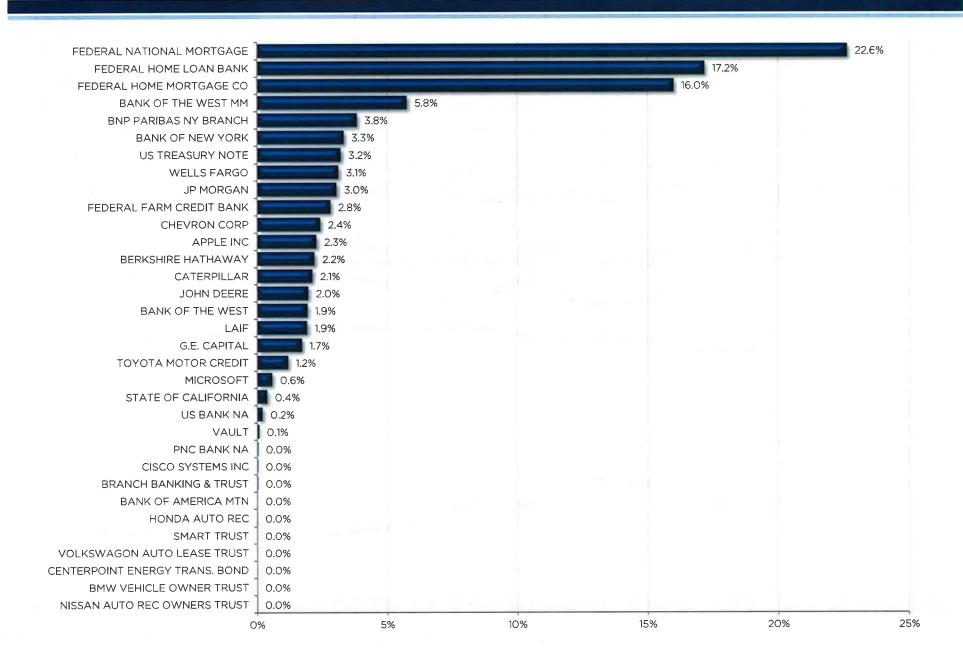
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Sector	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Agency	66.3%	66.1%	60.0%	67.1%	66.2%	64.2%	59.9%	59.7%	53.6%	54.6%	60.0%	58.6%
Treasury	3.1%	3.0%	4.1%	4.2%	4.2%	4.1%	3.8%	3.9%	3.9%	4.3%	3.3%	3.2%
Commercial Paper	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	3.0%	3.4%	4.1%	1.9%	0.0%	0.0%
LAIF	2.1%	2.1%	1.7%	1.8%	1.8%	1.8%	1.7%	1.7%	1.7%	1.9%	2.0%	1.9%
Muni	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%
Corporates	21.6%	21.1%	19.9%	20.6%	19.3%	18.6%	18.4%	21.1%	20.9%	22.5%	24.4%	24.3%
CDs	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.7%	1.9%	3.9%	3.8%
ABS	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
Bank/Cash	6.3%	7.1%	13.8%	5.8%	7.0%	9.8%	12.9%	8.0%	13.7%	12.5%	5.9%	7.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

#### Holdings Allocation by Issuer 9/30/2016

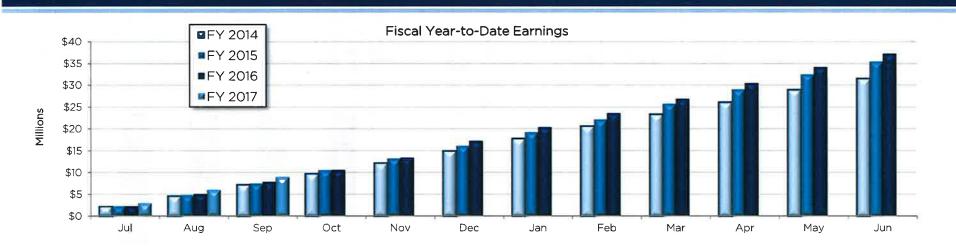


#### County of Fresno

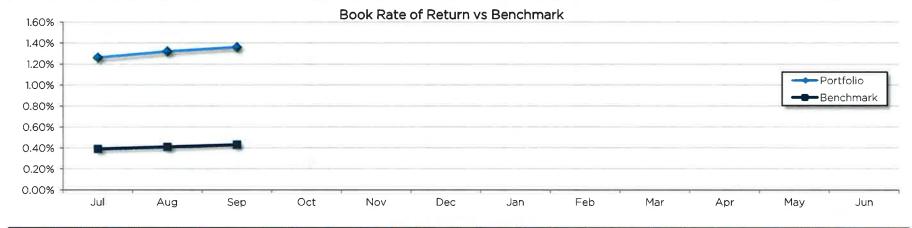


## Historical Earnings and Book Rate of Return Performance 9/30/2016

County of Fresno



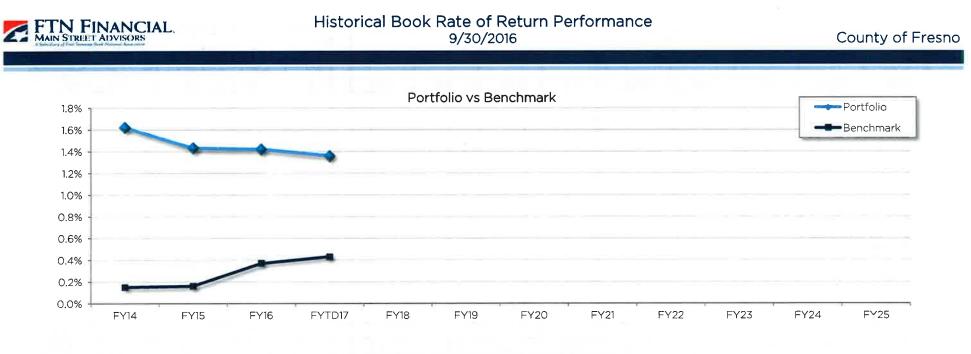
Fiscal YTD (\$Mil)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2014	\$2.3	\$4.7	\$7.3	\$9.8	\$12.2	\$15.0	\$17.7	\$20.7	\$23.4	\$26.2	\$29.0	\$31.6
FY 2015	\$2.3	\$4.9	\$7.5	\$10.5	\$13.3	\$16.2	\$19.2	\$22.1	\$25.8	\$29.0	\$32.5	\$35.5
FY 2016	\$2.3	\$5.1	\$7.8	\$10.6	\$13.4	\$17.2	\$20.5	\$23.7	\$26.9	\$30.5	\$34.2	\$37.3
FY 2017	\$3.0	\$6.0	\$9.0									

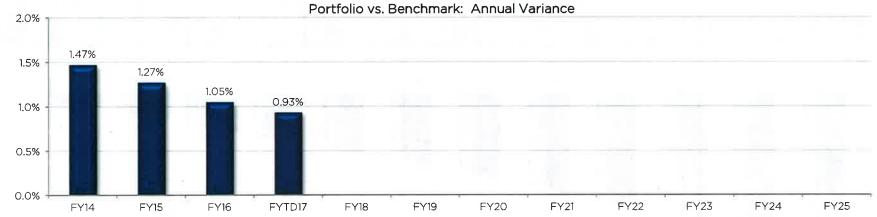


Fiscal YTD	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Book Rate of Rtn	1.26%	1.32%	1.36%	_								
Benchmark*	0.39%	0.41%	0.43%									
Variance	0.87%	0.91%	0.93%									

\*Benchmark: BofA Merrill 1-Year US Treasury Note Index (24 Month Moving Average)

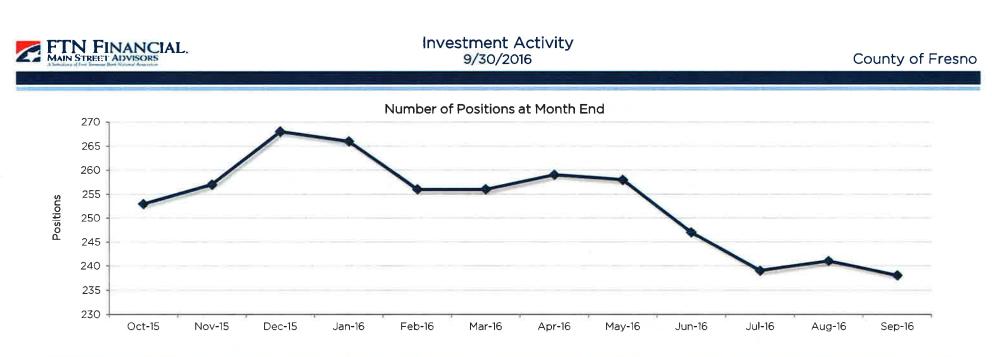
FTN FINANCIAL.



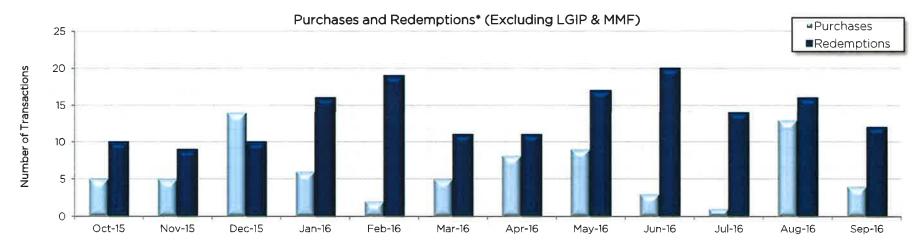


Fiscal YTD	FY14	FY15	FY16	FYTD17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Portfolio	1.62%	1.43%	1.42%	1.36%								
Benchmark*	0.15%	0.16%	0.37%	0.43%								
Variance	1.47%	1.27%	1.05%	0.93%								

\*Benchmark: BofA Merrill 1-Year US Treasury Note Index (24 Month Moving Average)



	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Positions	253	257	268	266	256	256	259	258	247	239	241	238



\*Redemptions include maturities, calls, and sells

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Purchases	5	5	14	6	2	5	8	9	3	1	13	4
Redemptions	10	9	10	16	19	11	11	17	20	14	16	12
Total Transactions	15	14	24	22	21	16	19	26	23	15	29	16



## Summary of Portfolio

			2 51 d 24		
	September 2016	June 2016	March 2016	December 2015	September 2015
Market Value	\$2,633,407,788	\$2,941,968,816	\$2,864,451,328	\$2,875,092,121	\$2,446,471,779
Amortize Cost Value	\$2,608,115,344	\$2,907,585,839	\$2,836,287,935	\$2,871,314,909	\$2,424,778,230
Unrealized Gain/Loss % on cost	0.97%	1.18%	0.99%	0.13%	0.89%
Yield (weighted on cost value)	1.39%	1.24%	1.36%	1.33%	1.35%
Years to Maturity (weighted on cost value)	2.16	1.78	1.88	1.98	2.05
Avg Dollar-Weighted Quality Rating	AA+	AA+	AA+	AA+	AA+

## **Projection of Future Cash Flows**

	Monthly	Monthly	R	equired Mat.		Actual Inv.	Available to Invest > 6 Months
Month	Receipts (1)	Disburs.	Difference	Invest	Balance	Maturities (3)	(4)
Beginning Balance (2)					250.3		
10/16	404.7	426.8	-22.1	0.0	228.2	16.9	0.0
11/16	480.3	425.0	55.3	0.0	283.5	1.2	0.0
12/16	697.5	406.0	291.5	0.0	575.0	0.6	0.0
1/17	352.8	467.3	-114.5	0.0	460.5	21.6	0.0
2/17	295.0	337.8	-42.8	0.0	417.7	57.3	0.0
3/17	395.4	353.0	42.4	0.0	460.1	2.5	0.0
Totals	2,625.7	2,415.9	209.8	0.0		100.1	100.1
				0%			100%

1. Monthly Receipt and Monthly Disbursement amounts are estimates based upon historical cash flows and may change as actual cash flow information becomes available.

2. Beginning balance: is taken from LAIF, Bank of the West MMF, and Bank of the West Service Bank.

3. Actual Investment Maturities: excludes vault.

4. Available to Invest > 6 Months: is calculated as Actual Investment Maturities less Required Investment Maturities.

## FTN FINANCIAL.

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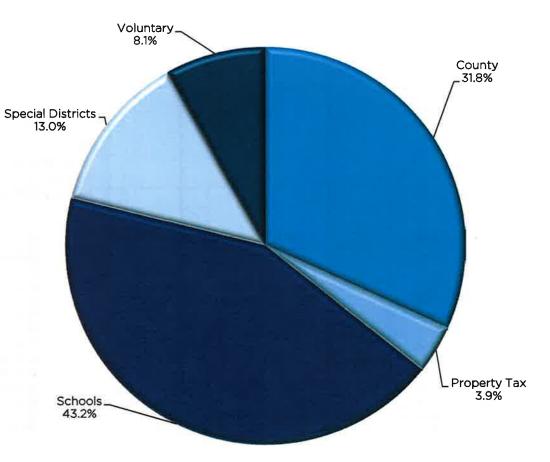
### Pool Participant Breakdown 9/30/2016

County of Fresno

Entity	Portfolio \$	Portfolio %
County	837,468,859	31.8%
Property Tax	101,530,878	3.9%
Schools	1,137,988,522	43.2%
Special Districts	341,948,648	13.0%
Voluntary	212,552,855	8.1%
Total	2,631,489,762	100.0%

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### County of Fresno Portfolio Management Portfolio Summary September 30, 2016

Fresno County P.O. Box 1247 Fresno, CA 93715-1247 (209)488-3496

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.
Bank Accounts	50,313,946.74	50,313,946.74	50,313,946.74	1.93	1	1	0.444
Federal Agency Coupons	1,508,616,000.00	1,530,852,899.95	1,513,542,065.60	58.03	1,656	959	1.399
Medium Term Notes	628,868,000.00	639,348,868.30	633,000,970.15	24.27	1,459	761	1.780
Treasury Notes	81,170,000.00	85,136,733.96	83,693,717.17	3.21	1,613	1,044	1.488
Local Agency Investment Funds	50,000,000.00	50,000,000.00	50,000,000.00	1.92	1	1	0.625
Federal Agency Discounts	15,000,000.00	14,998,575.00	14,995,500.00	0.57	268	20	0.549
Cash in Vault	1,813,790.35	1,813,790.35	1,813,790.35	0.07	1	1	0.000
BOW Money Market Account	150,034,631.15	150,034,631.15	150,034,631.15	5.75	1	1	0.385
Negotiable CDs	100,000,000.00	100,027,300.00	100,000,000.00	3.83	321	225	1.265
Asset Backed Securities (0 day lag)	692,269.97	691,342.78	692,489.81	0.03	1,514	491	0.764
Municipal Bonds	10,000,000.00	10,189,700.00	10,028,233.09	0.38	1,784	942	2.105
Investments	2,596,508,638.21	2,633,407,788.23	2,608,115,344.06	100.00%	1,388	787	1.394
Total Earnings	September 30 Month Ending	Fiscal Year To	Date				
Current Year	3 035 080 88	9.032.0	27.33				

 Current Year
 3,035,080.88
 9,032,027.33

 Average Daily Balance
 2,530,357,097.20
 2,643,736,759.95

 Effective Rate of Return
 1.46%
 1.36%

Oscar J. Garcia, C.P.A., Treasurer/ Tax Collector

Reporting period 09/01/2016-09/30/2016

Run Date: 10/18/2016 - 11:43

Portfolio FSNO AC PM (PRF\_PM1) 7.2.0 Report Ver. 7.3.2

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CUSIP	investment #	lssuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	ҮТМ 365	S&P N	loody's	Maturity Date
Bank Accounts												
SYS03400A	03400A	BANK OF THE WES	т	_	50,313,946.74	50,313,946.74	50,313,946.74	0.450	0.450			
	Subt	otal and Average	23,640,318.39		50,313,946.74	50,313,946.74	50,313,946.74		0.450			
Federal Agency C	oupons											
31331KNA4	17200	FEDERAL FARM C	REDIT BANK	12/18/2013	1,000,000.00	1,027,294.00	1,017,964.94	2.580	1.475	AA+	Aaa C	6/08/2018
3133EDLR1	17248	FEDERAL FARM C	REDIT BANK	05/27/2014	5,000,000.00	5,090,280.00	5,004,118.12	1.650	1.617	AA+	Aaa 0	05/15/2019
3133EEW55	17316	FEDERAL FARM C	REDIT BANK	06/15/2015	10,000,000.00	10,239,840.00	9,969,369.88	1.800	1.887	AA+	Aaa C	06/15/2020
3133EFYZ4	17359	FEDERAL FARM C	REDIT BANK	02/29/2016	17,800,000.00	17,826,842.40	17,754,430.46	1.375	1.436	AA+	Aaa C	2/10/2021
3133EDXA5	17367	FEDERAL FARM C	REDIT BANK	04/06/2016	25,000,000.00	25,097,050.00	25,103,001.19	1.150	0.745	AA+	Aaa 1	10/10/2017
3133EDXA5	17368	FEDERAL FARM C	REDIT BANK	04/06/2016	7,500,000.00	7,529,115.00	7,530,880.01	1.150	0.745	AA+	Aaa 1	0/10/2017
3133EFW52	17383	FEDERAL FARM C	REDIT BANK	06/09/2016	2,060,000.00	2,067,288.28	2,065,503.79	1.150	1.051	AA+	Aaa C	07/01/2019
3133EGBR5	17384	FEDERAL FARM C	REDIT BANK	06/09/2016	5,000,000.00	5,000,400.00	4,997,879.84	0.950	0.968	AA+	Aaa C	02/25/2019
313373UU4	17117	FEDERAL HOME LO	DAN BANK	07/01/2013	50,000,000.00	51,617,300.00	50,893,625.60	2.750	1.642	AA+	Aaa (	06/08/2018
313373UU4	17129	FEDERAL HOME LO	DAN BANK	07/12/2013	30,000,000.00	30,970,380.00	30,556,489.56	2.750	1.601	AA+	Aaa C	06/08/2018
313373UU4	17135	FEDERAL HOME LO	DAN BANK	07/26/2013	61,150,000.00	63,127,957.90	62,282,058.15	2.750	1.604	AA+	Aaa C	06/08/2018
313373UU4	17191	FEDERAL HOME LO	DAN BANK	12/12/2013	3,940,000.00	4,067,443.24	4,025,303.63	2.750	1.420	AA+	Aaa C	06/08/2018
313379DT3	17192	FEDERAL HOME LO	DAN BANK	12/12/2013	6,135,000.00	6,176,675.06	6,117,947.28	1.250	1.421	AA+	Aaa (	06/08/2018
3133XRFZ8	17199	FEDERAL HOME LO	DAN BANK	12/18/2013	2,000,000.00	2,129,280.00	2,106,492.68	4.750	1.475	AA+	Aaa (	06/08/2018
313376BR5	17205	FEDERAL HOME LO	DAN BANK	01/03/2014	40,000,000.00	40,722,160.00	39,935,883.21	1.750	1.826	AA+	Aaa 1	12/14/2018
313379EE5	17250	FEDERAL HOME LO	DAN BANK	06/18/2014	5,000,000.00	5,079,120.00	4,970,040.70	1.625	1,858	AA+	Aaa (	06/14/2019
3130A2FH4	17256	FEDERAL HOME LO	DAN BANK	09/02/2014	20,000,000.00	20,378,340.00	20,004,520.33	1,750	1.741	AA+	Aaa (	06/14/2019
313379EE5	17259	FEDERAL HOME LO	DAN BANK	09/10/2014	10,000,000.00	10,158,240.00	9,942,494.22	1.625	1,848	AA+	Aaa (	06/14/2019
3130A2FH4	17260	FEDERAL HOME LO	DAN BANK	09/10/2014	10,000,000.00	10,189,170.00	9,974,959.73	1.750	1.847	AA+	Aaa (	06/14/2019
3133X72S2	17272	FEDERAL HOME LO	DAN BANK	12/09/2014	10,000,000.00	11,128,370.00	10,922,706.77	5.375	1.706	AA+	Aaa (	05/15/2019
3133X72S2	17279	FEDERAL HOME LO	DAN BANK	12/19/2014	20,500,000.00	22,813,158.50	22,409,429.87	5.375	1.675	AA+	Aaa (	05/15/2019
313383HU8	17315	FEDERAL HOME LO	DAN BANK	06/12/2015	20,000,000.00	20,463,180.00	19,999,290.13	1.750	1.751	AA+	Aaa (	06/12/2020
313383HU8	17317	FEDERAL HOME LO	DAN BANK	06/26/2015	12,615,000.00	12,907,150.79	12,581,230.85	1.750	1.826	AA+	Aaa (	06/12/2020
3130A6GG6	17325	FEDERAL HOME LO	DAN BANK	09/22/2015	10,000,000.00	10,012,140.00	10,006,240.00	0.875	0.810	AA+	Aaa (	09/22/2017
3130A7CV5	17363	FEDERAL HOME LO	DAN BANK	03/03/2016	5,000,000.00	5,030,350.00	4,968,252.38	1.375	1.526	AA+	Aaa (	02/18/2021
313376XN0	17364	FEDERAL HOME LO	DAN BANK	03/03/2016	820,000.00	848,968.96	838,676.87	2.100	1.554	AA+	Aaa (	02/08/2021
3130A7CV5	17371	FEDERAL HOME LO	DAN BANK	04/21/2016	10,000,000.00	10,060,700.00	9,988,106.68	1.375	1.403	AA+	Aaa (	02/18/2021
313381CA1	17372	FEDERAL HOME LO	DAN BANK	04/21/2016	5,000,000.00	5,031,685.00	5,001,193.53	1.375	1.369	AA+	Aaa 1	12/11/2020
3130A7CV5	17376	FEDERAL HOME LO	DAN BANK	05/20/2016	5,000,000.00	5,030,350.00	4,980,564.49	1.375	1.467	AA+	Aaa (	02/18/2021
3130A7CV5	17379	FEDERAL HOME LO	DAN BANK	05/25/2016	10,000,000.00	10,060,700.00	9,951,050.96	1.375	1.491	AA+	Aaa (	02/18/2021
3130A1W95	17386	FEDERAL HOME LO	DAN BANK	07/15/2016	30,000,000.00	31,370,220.00	31,425,472,76	2,250	1,250	AA+	Aaa (	06/11/2021
3130A7CV5	17388	FEDERAL HOME LO		08/08/2016	10,000,000.00	10,060,700.00	10,085,486.94	1.375	1,174	AA+		02/18/2021

Portfolio FSNO

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CUSIP	Investment #	-	verage Purchase alance Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	S&P I	Moody's	Maturity Date
Federal Agency (	Coupons										
3130A8QS5	17389	FEDERAL HOME LOAN BANK	08/08/2016	15,000,000.00	14,889,810.00	14,928,592.57	1.125	1.244	AA+	Aaa /	07/14/2021
313379RB7	17392	FEDERAL HOME LOAN BANK	08/17/2016	10,000,000.00	10,286,870.00	10,291,915.80	1.875	1.307	AA+	Aaa	06/11/2021
3130A8QS5	17399	FEDERAL HOME LOAN BANK	08/29/2016	3,955,000.00	3,925,946.57	3,925,149.80	1,125	1.319	AA+	Aaa	07/14/2021
3130A8QS5	17400	FEDERAL HOME LOAN BANK	09/13/2016	15,000,000.00	14,889,810.00	14,884,818.46	1.125	1,331	AA+	Aaa /	07/14/2021
3130A8QS5	17403	FEDERAL HOME LOAN BANK	09/28/2016	10,000,000.00	9,926,540.00	9,969,807.03	1.125	1.240	AA+	Aaa	07/14/2021
3137EADC0	16990	FEDERAL HOME MORTGAGE CO	04/02/2012	700,000.00	701,607.20	699,470.49	1.000	1,179	AA+	Aaa /	03/08/2017
3137EAAJ8	16995	FEDERAL HOME MORTGAGE CO	04/02/2012	575,000.00	576,136.20	576,072,78	5,125	1.067	AA+	Aaa	10/18/2016
3137EAAM1	16996	FEDERAL HOME MORTGAGE CO	04/02/2012	575,000.00	584,572.60	583,034.05	5.000	1.157	AA+	Aaa /	02/16/2017
3137EADF3	17005	FEDERAL HOME MORTGAGE CO	05/30/2012	675,000.00	677,791.80	675,864.75	1.250	1.035	AA+	Aaa /	05/12/2017
3134G3B90	17022	FEDERAL HOME MORTGAGE CO	08/15/2012	50,000,000.00	50,098,050.00	49,980,375.00	0.875	0.921	AA+	Aaa	08/15/2017
3137EADJ5	17024	FEDERAL HOME MORTGAGE CO	08/09/2012	25,000,000.00	25,077,600.00	25,016,476.94	1.000	0.918	AA+	Aaa /	07/28/2017
3137EADF3	17025	FEDERAL HOME MORTGAGE CO	08/09/2012	20,000,000.00	20,082,720.00	20,045,361.12	1.250	0.872	AA+	Aaa /	05/12/2017
3137EADJ5	17029	FEDERAL HOME MORTGAGE CO	07/31/2012	675,000.00	677,095.20	675,905.87	1.000	0.834	AA+	Aaa	07/28/2017
3137EADL0	17042	FEDERAL HOME MORTGAGE CO	0 10/25/2012	500,000.00	501,558.00	500,509.45	1.000	0.895	AA+	Aaa	09/29/2017
3137EADL0	17050	FEDERAL HOME MORTGAGE CO	0 11/01/2012	175,000.00	175,545.30	175,280.19	1.000	0.835	AA+	Aaa /	09/29/2017
3137EABA6	17053	FEDERAL HOME MORTGAGE CO	0 11/30/2012	550,000.00	576,732.20	576,551.83	5.125	0.755	AA+	Aaa	11/17/2017
3137EADH9	17054	FEDERAL HOME MORTGAGE CO	0 12/17/2012	50,000,000.00	50,140,850.00	50,093,192.40	1.000	0.745	AA+	Aaa	06/29/2017
3137EADJ5	17057	FEDERAL HOME MORTGAGE CO	0 12/18/2012	30,000,000.00	30,093,120.00	30,051,420.36	1.000	0.788	AA+	Aaa	07/28/2017
3137EADH9	17058	FEDERAL HOME MORTGAGE CO	0 12/18/2012	50,000,000.00	50,140,850.00	50,086,167.50	1.000	0.764	AA+	Aaa	06/29/2017
3137EADL0	17059	FEDERAL HOME MORTGAGE CO	0 11/30/2012	1,000,000.00	1,003,116.00	1,002,326.28	1.000	0.761	AA+	Aaa (	09/29/2017
3137EADN6	17066	FEDERAL HOME MORTGAGE CO	01/16/2013	675,000.00	674,800.88	673,832.23	0.750	0.888	AA+	Aaa /	01/12/2018
3137EADP1	17089	FEDERAL HOME MORTGAGE CO	03/08/2013	675,000.00	675,529.20	674,130.70	0.875	0.967	AA+	Aaa /	03/07/2018
3137EADP1	17103	FEDERAL HOME MORTGAGE CO	03/28/2013	1,000,000.00	1,000,784.00	999,688,20	0.875	0.897	AA+	Aaa /	03/07/2018
3137EABP3	17124	FEDERAL HOME MORTGAGE CO	06/14/2013	575,000.00	614,179.35	608,408.20	4.875	1.331	AA+	Aaa	06/13/2018
3137EADN6	17130	FEDERAL HOME MORTGAGE CO	07/12/2013	20,000,000.00	19,994,100.00	19,827,267.28	0.750	1.449	AA+	Aaa /	01/12/2018
3137EADK2	17275	FEDERAL HOME MORTGAGE CO	0 12/11/2014	15,000,000.00	15,108,870.00	14,839,359.16	1.250	1.644	AA+	Aaa /	08/01/2019
3137EADK2	17276	FEDERAL HOME MORTGAGE CO	0 12/11/2014	20,000,000.00	20,145,160.00	19,787,937.72	1.250	1.640	AA+	Aaa /	08/01/2019
3137EADM8	17280	FEDERAL HOME MORTGAGE CO	0 12/19/2014	20,000,000.00	20,141,200.00	19,713,029.95	1.250	1.750	AA+	Aaa	10/02/2019
3137EADM8	17281	FEDERAL HOME MORTGAGE CO	0 12/19/2014	20,000,000.00	20,141,200.00	19,714,159.26	1.250	1.748	AA+	Aaa	10/02/2019
3137EADMB	17282	FEDERAL HOME MORTGAGE CO	0 12/19/2014	10,000,000.00	10,070,600.00	9,857,079.63	1.250	1.748	AA+	Aaa	10/02/2019
3137EADR7	17303	FEDERAL HOME MORTGAGE CO	05/06/2015	10,000,000.00	10,108,530.00	9,911,820.06	1.375	1.632	AA+	Aaa /	05/01/2020
3137EADR7	17309	FEDERAL HOME MORTGAGE CO	05/08/2015	10,000,000.00	10,108,530.00	9,906,786.17	1.375	1.647	AA+	Aaa	05/01/2020
3137EADN6	17318	FEDERAL HOME MORTGAGE CO	08/28/2015	20,000,000.00	19,994,100.00	19,968,474.94	0.750	0.875	AA+	Aaa	01/12/2018
3134G44G0	17328	FEDERAL HOME MORTGAGE CO	0 10/29/2015	5,000,000.00	5,045,475.00	4,995,781.34	1.500	1.524	AA+	Aaa /	05/22/2020
3137EAEB1	17391	FEDERAL HOME MORTGAGE CO	08/11/2016	10,000,000.00	9,965,090.00	9,988,526.48	0.875	0.935	AA+	Aaa /	07/19/2019
3137EAEC9	17393	FEDERAL HOME MORTGAGE CO	08/17/2016	10,000,000.00	9,909,840.00	9,908,891.19	1.125	1.322	AA+	Aaa (	08/12/2021

Portfolio FSNO AC PM (PRF\_PM2) 7.2.0

Run Date: 10/18/2016 - 11:43

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CUSIP	Investment #	Average Issuer Balance		Par Value	Market Value	Book Value	Stated Rate	YTM 365	S&P N	loody's	Maturity Date
Federal Agency	y Coupons										
3135G0ES8	16988	FEDERAL NATIONAL MORTGAGE	04/02/2012	700,000.00	700,800.80	700,241.49	1.375	1.085	AA+	Aaa 1	11/15/2016
31359M2D4	16993	FEDERAL NATIONAL MORTGAGE	04/02/2012	575,000.00	580,377.98	579,357.06	4.875	1.084	AA+	Aaa 1	12/15/2016
3135G0JA2	17007	FEDERAL NATIONAL MORTGAGE	05/30/2012	675,000.00	677,102.63	675,414.79	1.125	1.015	AA+	Aaa (	04/27/2017
31398ADM1	17009	FEDERAL NATIONAL MORTGAGE	06/14/2012	555,000.00	573,378.82	571,562.34	5.375	0.979	AA+	Aaa (	06/12/2017
3135G0MZ3	17032	FEDERAL NATIONAL MORTGAGE	08/30/2012	500,000.00	500,951,50	500,181,87	0.875	0.834	AA+	Aaa (	08/28/2017
3135G0MZ3	17038	FEDERAL NATIONAL MORTGAGE	09/26/2012	950,000,00	951,807.85	950,539,96	0.875	0.811	AA+	Aaa (	08/28/2017
3135G0MZ3	17049	FEDERAL NATIONAL MORTGAGE	11/01/2012	175,000.00	175,333.03	175,076.14	0.875	0.826	AA+	Aaa (	08/28/2017
3135G0PQ0	17051	FEDERAL NATIONAL MORTGAGE	11/01/2012	700,000.00	701,147.30	700,204.79	0.875	0.847	AA+	Aaa 1	10/26/2017
3135G0RT2	17062	FEDERAL NATIONAL MORTGAGE	12/21/2012	675,000.00	676,007.10	674,935.76	0.875	0,883	AA+	Aaa '	12/20/2017
3135G0TG8	17078	FEDERAL NATIONAL MORTGAGE	02/12/2013	675,000.00	675,903.15	674,125.11	0.875	0,973	AA+	Aaa (	02/08/2018
3135G0TG8	17087	FEDERAL NATIONAL MORTGAGE	02/28/2013	500,000.00	500,669.00	499,917.10	0.875	0.888	AA+	Aaa (	02/08/2018
3135G0WJ8	17108	FEDERAL NATIONAL MORTGAGE	05/30/2013	675,000.00	675,599.40	671,551.84	0.875	1.197	AA+	Aaa (	05/21/2018
3135G0WJ8	17116	FEDERAL NATIONAL MORTGAGE	05/30/2013	800,000.00	800,710.40	795,725.38	0.875	1.212	AA+	Aaa (	05/21/2018
3135G0WJ8	17164	FEDERAL NATIONAL MORTGAGE	08/30/2013	500,000.00	500,444.00	493,151.35	0.875	1.749	AA+	Aaa (	05/21/2018
3135G0YM9	17167	FEDERAL NATIONAL MORTGAGE	09/25/2013	600,000.00	612,242.40	602,642.67	1.875	1.640	AA+	Aaa (	09/18/2018
3135G0WJ8	17193	FEDERAL NATIONAL MORTGAGE	12/12/2013	40,000,000.00	40,035,520.00	39,654,293.21	0.875	1.421	AA+	Aaa (	05/21/2018
3135G0YM9	17197	FEDERAL NATIONAL MORTGAGE	11/22/2013	1,000,000.00	1,020,404.00	1,007,025.20	1.875	1,503	AA+	Aaa (	09/18/2018
3135G0YM9	17198	FEDERAL NATIONAL MORTGAGE	11/27/2013	165,000.00	168,366.66	166,304.64	1.875	1,456	AA+	Aaa (	09/18/2018
3135G0TG8	17202	FEDERAL NATIONAL MORTGAGE	12/20/2013	20,000,000.00	20,026,760.00	19,865,354.97	0.875	1.389	AA+	Aaa (	02/08/2018
3135G0YT4	17221	FEDERAL NATIONAL MORTGAGE	01/31/2014	600,000.00	609,692.40	599,527.96	1.625	1.663	AA+	Aaa '	11/27/2018
3135G0ZA4	17222	FEDERAL NATIONAL MORTGAGE	02/25/2014	10,000,000.00	10,223,420.00	10,033,191.30	1.875	1.729	AA+	Aaa (	02/19/2019
3135G0ZA4	17223	FEDERAL NATIONAL MORTGAGE	03/03/2014	25,000,000.00	25,558,550.00	25,116,137.46	1.875	1.671	AA+	Aaa (	02/19/2019
3135G0ZA4	17224	FEDERAL NATIONAL MORTGAGE	03/03/2014	10,000,000.00	10,223,420.00	10,047,031.47	1.875	1.669	AA+	Aaa (	02/19/2019
3135G0YT4	17234	FEDERAL NATIONAL MORTGAGE	03/20/2014	600,000.00	609,692.40	598,277.53	1.625	1.764	AA+	Aaa '	11/27/2018
3135G0ZA4	17235	FEDERAL NATIONAL MORTGAGE	03/20/2014	600,000.00	613,405.20	600,281.99	1.875	1.854	AA+	Aaa (	02/19/2019
3135G0ZE6	17251	FEDERAL NATIONAL MORTGAGE	06/18/2014	5,000,000.00	5,106,555.00	4,986,309.21	1.750	1.856	AA+	Aaa (	06/20/2019
3135G0ZA4	17268	FEDERAL NATIONAL MORTGAGE	10/01/2014	5,000,000.00	5,111,710.00	5,015,523.38	1.875	1.739	AA+	Aaa (	02/19/2019
3135G0ZE6	17269	FEDERAL NATIONAL MORTGAGE	10/01/2014	30,000,000.00	30,639,330.00	29,924,457.39	1.750	1.847	AA+	Aaa (	06/20/2019
3136FTZZ5	17274	FEDERAL NATIONAL MORTGAGE	12/09/2014	10,000,000.00	10,189,290.00	10,035,675.79	1.750	1.591	AA+	Aaa (	01/30/2019
3135G0ZE6	17277	FEDERAL NATIONAL MORTGAGE	12/11/2014	10,000,000.00	10,213,110.00	10,039,184.04	1.750	1.600	AA+	Aaa (	06/20/2019
3135G0ZE6	17278	FEDERAL NATIONAL MORTGAGE	12/19/2014	26,000,000.00	26,554,086.00	26,061,067.62	1.750	1.660	AA+	Aaa (	06/20/2019
3135G0A78	17299	FEDERAL NATIONAL MORTGAGE	03/04/2015	20,000,000.00	20,359,820.00	19,951,235.06	1.625	1.702	AA+	Aaa (	01/21/2020
3135G0A78	17300	FEDERAL NATIONAL MORTGAGE	03/06/2015	30,000,000.00	30,539,730.00	29,940,133.85	1.625	1.688	AA+	Aaa (	01/21/2020
3135G0A78	17307	FEDERAL NATIONAL MORTGAGE	05/08/2015	10,000,000.00	10,179,910.00	10,000,843.47	1.625	1.622	AA+	Aaa (	01/21/2020
3135G0A78	17308	FEDERAL NATIONAL MORTGAGE	05/08/2015	10,000,000.00	10,179,910.00	10,001,525.28	1.625	1.620	AA+	Aaa (	01/21/2020
3135G0A78	17312	FEDERAL NATIONAL MORTGAGE	06/03/2015	15,000,000.00	15,269,865,00	14,995,173,65	1,625	1,635	AA+		01/21/2020
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CUSIP	Investment	# Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	S&P I	Noody's	Maturity Date
Federal Agency	Coupons											
3135G0D75	17327	FEDERAL NATION	AL MORTGAGE	10/29/2015	20,000,000.00	20,306,000.00	19,974,831.20	1.500	1.535	AA+	Aaa	06/22/2020
3135G0A78	17329	FEDERAL NATION	AL MORTGAGE	10/29/2015	10,000,000.00	10,179,910.00	10,058,405.39	1.625	1.442	AA+	Aaa (	01/21/2020
3135G0RM7	17330	FEDERAL NATION	AL MORTGAGE	10/30/2015	10,060,000.00	10,225,024.24	10,081,182.00	1.630	1.576	AA+	Aaa	10/30/2020
3135G0D75	17331	FEDERAL NATION	AL MORTGAGE	10/30/2015	5,950,000.00	6,041,035.00	5,935,254.21	1.500	1.569	AA+	Aaa	06/22/2020
3135G0A78	17332	FEDERAL NATION	AL MORTGAGE	11/04/2015	10,000,000.00	10,179,910.00	10,032,162.16	1.625	1.524	AA+	Aaa	01/21/2020
3135G0D75	17333	FEDERAL NATION	AL MORTGAGE	11/04/2015	5,000,000.00	5,076,500.00	4,977,449.01	1.500	1.626	AA+	Aaa	06/22/2020
3135G0D75	17334	FEDERAL NATION	AL MORTGAGE	11/04/2015	5,000,000.00	5,076,500.00	4,977,288.22	1,500	1.627	AA+	Aaa	06/22/2020
3135G0A78	17335	FEDERAL NATION	AL MORTGAGE	11/06/2015	10,000,000.00	10,179,910.00	10,011,405.15	1.625	1.589	AA+	Aaa	01/21/2020
3135G0D75	17336	FEDERAL NATION	AL MORTGAGE	11/06/2015	5,000,000.00	5,076,500.00	4,968,084.84	1.500	1.679	AA+	Aaa	06/22/2020
3135G0D75	17338	FEDERAL NATION	AL MORTGAGE	12/17/2015	30,000,000.00	30,459,000.00	29,706,952.30	1.500	1.774	AA+	Aaa	06/22/2020
3135G0D75	17339	FEDERAL NATION	AL MORTGAGE	12/17/2015	20,000,000.00	20,306,000.00	19,791,101.08	1.500	1.793	AA+	Aaa	06/22/2020
3135G0D75	17340	FEDERAL NATION	AL MORTGAGE	12/22/2015	10,000,000.00	10,153,000.00	9,927,850.89	1.500	1.702	AA+	Aaa	06/22/2020
3135G0A78	17341	FEDERAL NATION	AL MORTGAGE	12/22/2015	20,000,000.00	20,359,820.00	20,006,934.24	1.625	1.614	AA+	Aaa	01/21/2020
3135G0A78	17342	FEDERAL NATION	AL MORTGAGE	12/23/2015	10,000,000.00	10,179,910.00	10,002,188.69	1.625	1.618	AA+	Aaa	01/21/2020
3135G0D75	17343	FEDERAL NATION	AL MORTGAGE	12/23/2015	10,000,000.00	10,153,000.00	9,922,140.83	1.500	1.718	AA+	Aaa	06/22/2020
3135G0A78	17344	FEDERAL NATION	AL MORTGAGE	12/23/2015	20,000,000.00	20,359,820.00	20,003,112.81	1.625	1.620	AA+	Aaa	01/21/2020
3135G0H55	17374	FEDERAL NATION	AL MORTGAGE	05/20/2016	10,000,000.00	10,280,780.00	10,187,366.03	1.875	1.417	AA+	Aaa	12/28/2020
3135G0K69	17380	FEDERAL NATION	AL MORTGAGE	05/25/2016	10,000,000.00	9,991,900.00	9,882,665.90	1.250	1.523	AA+	Aaa	05/06/2021
3135G0J53	17390	FEDERAL NATION	AL MORTGAGE	08/11/2016	26,561,000.00	26,598,690.06	26,639,090.79	1.000	0.876	AA+	Aaa	02/26/2019
3135G0N82	17396	FEDERAL NATION	AL MORTGAGE	08/29/2016	10,000,000.00	9,972,920.00	9,982,946.27	1.250	1.294	AA+	Aaa	08/17/2021
3135G0N82	17397	FEDERAL NATION	AL MORTGAGE	08/29/2016	10,000,000.00	9,972,920.00	9,962,322.11	1.250	1.337	AA+	Aaa	08/17/2021
3135G0N82	17398	FEDERAL NATION	AL MORTGAGE	08/29/2016	10,000,000.00	9,972,920.00	9,952,795.71	1.250	1.358	AA+	Aaa	08/17/2021
3135G0K69	17402	FEDERAL NATION		09/28/2016	25,000,000.00	24,979,750.00	25,131,222.92	1.250	1.235	AA+	Aaa	05/06/2021
	Si	ubtotal and Average	1,510,431,244.71		1,508,616,000.00	1,530,852,899.95	1,513,542,065.60		1.418			
Medium Term N	otes											
037833AJ9	17123	APPLE INC		07/08/2013	6,579,000.00	6,569,828.87	6,494,743.63	1.000	1.846	AA+		05/03/2018
037833AJ9	17142	APPLE INC		08/15/2013	11,000,000.00	10,984,666.00	10,874,345.28	1.000	1.752	AA+	Aa1	05/03/2018
037833AJ9	17147	APPLE INC		08/16/2013	6,265,000.00	6,256,266.59	6,181,904.02	1.000	1.876	AA+	Aa1	05/03/2018
037833AJ9	17148	APPLE INC		08/27/2013	7,000,000.00	6,990,242.00	6,884,439.72	1.000	2.096	AA+	Aa1	05/03/2018
037833AJ9	17154	APPLE INC		09/10/2013	10,000,000.00	9,986,060.00	9,814,005,98	1.000	2.239	AA+	Aa1	05/03/2018
037833AJ9	17320	APPLE INC		09/11/2015	9,164,000.00	9,151,225.38	9,116,922.84	1.000	1.330	AA+	Aa1	05/03/2018
037833BD1	17348	APPLE INC		12/28/2015	10,000,000.00	10,223,630.00	9,996,861.61	2.000	2,009	AA+	Aa1	05/06/2020
084670BD9	17073	BERKSHIRE HATH	IAWAY	03/13/2013	21,000,000.00	21,065,163.00	21,054,344.75	1,900	1.097	AA	Aa2	01/31/2017
084670BH0	17120	BERKSHIRE HATH	IAWAY	07/05/2013	10,000,000.00	10,057,990.00	9,962,057.56	1.550	1.843	AA	Aa2	02/09/2018
084664BY6	17144	BERKSHIRE HATH	IAWAY	08/15/2013	10,000,000.00	10,143,530.00	10,006,740.00	2,000	1,962	AA	Aa2	08/15/2018

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Medium Term N	Notes											
084664BE0	17149	BERKSHIRE HATHAWAY		08/27/2013	5,124,000.00	5,468,102.22	5,382,003.36	5.400	2.121	AA	Aa2 (	05/15/2018
084664BY6	17152	BERKSHIRE HATHAWAY		08/27/2013	1,000,000.00	1,014,353.00	995,329.50	2.000	2.265	AA	Aa2 (	08/15/2018
084670BL1	17264	BERKSHIRE HATHAWAY		10/01/2014	10,000,000.00	10,223,650.00	9,979,611.07	2.100	2.175	AA	Aa2 (	08/14/2019
064058AA8	17074	BANK OF NEW YORK		03/13/2013	5,000,000.00	5,025,090.00	5,024,568.77	1,969	1.265	Α	A1 (	06/20/2017
06406HCL1	17151	BANK OF NEW YORK		08/27/2013	5,000,000.00	5,075,195.00	4,991,257.05	2.100	2.201	А	A1 (	08/01/2018
06406HCL1	17190	BANK OF NEW YORK		12/13/2013	10,000,000.00	10,150,390.00	10,038,579.14	2.100	1.879	Α	A1 (	08/01/2018
06406HCU1	17261	BANK OF NEW YORK		09/16/2014	2,500,000.00	2,545,302.50	2,498,861.47	2.200	2.218	Α	A1 0	05/15/2019
06406HCU1	17262	BANK OF NEW YORK		09/16/2014	5,000,000.00	5,090,605.00	4,999,325.31	2,200	2.205	А	A1 0	05/15/2019
06406HCW7	17266	BANK OF NEW YORK		10/01/2014	8,501,000.00	8,702,609.72	8,474,675.56	2.300	2.412	А	A1 (	09/11/2019
064058AA8	17289	BANK OF NEW YORK		02/25/2015	2,385,000.00	2,396,967.93	2,399,270.33	1.969	1.124	А	A1 (	06/20/2017
06406HCZ0	17297	BANK OF NEW YORK		03/04/2015	3,000,000.00	3,051,453.00	3,006,169.66	2.150	2.086	А	A1 0	02/24/2020
06406HCJ6	17322	BANK OF NEW YORK		09/11/2015	4,481,000.00	4,493,363.08	4,466,895.86	1.350	1.575	А	A1 0	03/06/2018
06406HDD8	17347	BANK OF NEW YORK		12/28/2015	5,000,000.00	5,171,010.00	5,032,411.62	2.600	2.422	А	A1 (	08/17/2020
06406HBP3	17350	BANK OF NEW YORK		12/28/2015	5,000,000.00	5,462,850.00	5,362,257.68	4.600	2.281	А	A1 (	01/15/2020
06406HCR8	17373	BANK OF NEW YORK		05/19/2016	30,000,000.00	30,560,790.00	30,478,977.31	2.200	1.525	А	A1 0	03/04/2019
06050TLR1	17196	BANK OF AMERICA MTN		11/14/2013	500,000.00	500,003.00	499,985.27	1.125	1.150	А	A1 1	11/14/2016
07330NAH8	17243	BRANCH BANKING & TRUST		03/04/2014	700,000.00	699,786.50	699,680.64	1.000	1.092	А	A1 (	04/03/2017
14912L5T4	17155	CATERPILLAR		09/10/2013	5,000,000.00	5,105,820.00	4,994,679.15	2.450	2.509	А	A2 (	09/06/2018
14912L5T4	17187	CATERPILLAR		12/06/2013	7,675,000.00	7,837,433.70	7,756,665.14	2.450	1.871	А	A2 (	09/06/2018
14912L5T4	17203	CATERPILLAR		12/26/2013	2,500,000.00	2,552,910.00	2,519,133.06	2.450	2.032	А	A2 (	09/06/2018
14912L5E7	17294	CATERPILLAR		02/25/2015	5,000,000.00	5,014,140.00	5,019,941.18	1.625	1.018	А	A2 (	06/01/2017
14912L3K5	17323	CATERPILLAR		09/24/2015	11,000,000.00	11,470,239.00	11,453,658.86	5,850	1.280	А	A2 (	09/01/2017
14912L6J5	17360	CATERPILLAR		03/04/2016	8,278,000.00	8,388,652.03	8,254,968.28	2.000	2.085	А	A2 (	03/05/2020
14912L6U0	17401	CATERPILLAR		09/16/2016	15,294,000.00	15,174,676.21	15,154,829.23	1.700	1.935	А	A2 (	08/09/2021
166764AE0	17121	CHEVRON CORP		07/05/2013	10,000,000.00	10,088,130.00	9,983,841.70	1.718	1.816	AA-	Aa2 (	06/24/2018
166764AE0	17150	CHEVRON CORP		08/27/2013	3,320,000.00	3,349,259.16	3,300,840.58	1.718	2.070	AA-	Aa2 (	06/24/2018
166764AE0	17186	CHEVRON CORP		12/06/2013	10,000,000.00	10,088,130.00	10,017,647.86	1.718	1.612	AA-	Aa2 (	06/24/2018
166764AY6	17346	CHEVRON CORP		12/28/2015	10,000,000.00	10,282,090.00	9,979,809.32	2.419	2.471	AA-	Aa2 1	11/17/2020
166764BH2	17378	CHEVRON CORP		05/25/2016	20,000,000.00	20,105,760.00	19,955,216.76	1.561	1.664	AA-	Aa2 (	05/16/2019
166764BH2	17381	CHEVRON CORP		05/27/2016	10,000,000.00	10,052,880.00	9,978,514.81	1.561	1.664	AA-	Aa2 (	05/16/2019
17275RAT9	17242	CISCO SYSTEMS INC		03/03/2014	750,000.00	750,300.75	749,993,67	1,100	1.102	AA-	A1 (	03/03/2017
36962G6K5	17055	G.E. CAPITAL		12/19/2012	5,000,000,00	5,033,245.00	5,001,743.62	1.600	1.568	AA-		11/20/2017
36962G3U6	17141	G.E. CAPITAL		08/15/2013	5,000,000.00	5,349,525.00	5,259,255.90	5.625	2.162	AA-		05/01/2018
36962G3U6	17153	G.E. CAPITAL		09/10/2013	10,000,000.00	10,699,050.00	10,443,378.82	5.625	2.631	AA-		05/01/2018
36962G3U6	17189	G.E. CAPITAL		12/13/2013	10,000,000.00	10,699,050.00	10,579,752,85	5,625	1,800	AA-		05/01/2018
36962G7J7	17284	G.E. CAPITAL		01/13/2015	2,040,000.00	2,043,459.84	2,041,818.07	1.250	1.099	AA-		05/15/2017
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Medium Term N	otes											
36962G7M0	17296	G.E. CAPITAL		03/04/2015	10,350,000.00	10,610,954.55	10,422,524.97	2.200	1.974	AA-	A1 (	01/09/2020
36962G2G8	17366	G.E. CAPITAL		04/08/2016	1,000,000.00	1,016,298.00	1,017,245.84	5,400	0.742	AA-	A1 (	02/15/2017
24422ERN1	17056	JOHN DEERE		12/19/2012	1,001,000.00	1,003,124.12	1,002,420.03	1.400	1.080	Α	A2 (	03/15/2017
24422ESB6	17119	JOHN DEERE		07/05/2013	1,925,000.00	1,927,654.58	1,909,180.30	1.300	1.896	Α	A2 (	03/12/2018
24422EQV4	17156	JOHN DEERE		09/10/2013	3,500,000.00	3,795,246.00	3,704,269.16	5.750	2.531	Α	A2 (	09/10/2018
24422E\$D2	17184	JOHN DEERE		10/11/2013	700,000.00	700,018.90	699,991.77	1.050	1.093	А	A2 1	10/11/2016
24422ESF7	17204	JOHN DEERE		12/26/2013	20,000,000.00	20,338,940.00	19,957,452.71	1.950	2.052	Α	A2 1	12/13/2018
24422ESK6	17226	JOHN DEERE		03/05/2014	10,000,000.00	10,154,920.00	10,005,289.44	1.950	1.927	Α	A2 (	03/04/2019
24422ERY7	17349	JOHN DEERE		12/28/2015	9,000,000,00	9,024,678.00	8,837,344.24	1.700	2.278	Α	A2 (	01/15/2020
24422ETF6	17362	JOHN DEERE		03/04/2016	5,000,000.00	5,185,510.00	5,080,617.59	2.550	2.150	Α	A2 (	01/08/2021
46625HJR2	17217	JP MORGAN		01/28/2014	5,000,000.00	5,083,265.00	4,999,023.50	2.350	2.359	A-	A3 (	01/28/2019
46625HJR2	17225	JP MORGAN		03/05/2014	10,000,000.00	10,166,530.00	10,029,102.72	2.350	2.217	A-	A3 (	01/28/2019
46623EJY6	17228	JP MORGAN		02/18/2014	750,000.00	750,359.25	749,953.34	1.350	1.367	A-	A3 (	02/15/2017
46625HHL7	17252	JP MORGAN		07/23/2014	6,740,000.00	7,508,366.74	7,389,857.42	6.300	2.303	A-	A3 0	04/23/2019
46625HJR2	17263	JP MORGAN		09/16/2014	5,000,000.00	5,083,265.00	5,012,964.98	2.350	2.232	A-	A3 (	01/28/2019
46623EJY6	17283	JP MORGAN		01/13/2015	5,000,000.00	5,002,395.00	5,002,949.07	1.350	1.189	A-	A3 (	02/15/2017
46625HKA7	17295	JP MORGAN		03/04/2015	10,000,000.00	10,131,380.00	9,970,047,53	2.250	2.346	A-	A3 (	01/23/2020
46625HNX4	17361	JP MORGAN		03/04/2016	6,181,000.00	6,295,645.19	6,186,092.11	2,550	2,528	A-	A3 1	10/29/2020
48126EAA5	17365	JP MORGAN		04/08/2016	30,000,000.00	30,171,690.00	30,196,524.02	2,000	1.240	A-	A3 (	08/15/2017
594918BP8	17394	MICROSOFT		08/22/2016	15,000,000.00	14,938,695.00	14,999,211.13	1.550	1.564	AAA	Aaa (	08/08/2021
69349LAP3	17185	PNC BANK NA		10/24/2013	610,000.00	610,000.00	609,978.11	1.150	1.194	Α	A2 1	11/01/2016
69353RCG1	17220	PNC BANK NA		01/28/2014	250,000.00	250,154.25	249,960.49	1.125	1.175	Α	A2 0	01/27/2017
89233P6S0	17118	TOYOTA MOTOR CREDIT		07/05/2013	5,000,000.00	5,004,450.00	4,968,084.58	1.250	1.910	AA-	Aa3 1	10/05/2017
89236TBP9	17265	TOYOTA MOTOR CREDIT		10/01/2014	10,000,000.00	10,184,830.00	9,980,583.03	2.125	2.198	AA-	Aa3 C	07/18/2019
89236TCA1	17319	TOYOTA MOTOR CREDIT		09/01/2015	10,000,000.00	10,037,490.00	10,010,774.72	1.450	1.364	AA-	Aa3 (	01/12/2018
89236TCP8	17321	TOYOTA MOTOR CREDIT		09/11/2015	6,000,000.00	6,032,466.00	5,999,773.86	1.550	1.552	AA-	Aa3 C	07/13/2018
90331HMC4	17247	US BANK NA		04/01/2014	300,000.00	300,047.40	300,093.54	1.100	1.004	AA-	A1 (	01/30/2017
91159HHL7	17395	US BANK NA		08/22/2016	5,000,000.00	5,144,570.00	5,146,414.79	2.350	1.681	A+	A1 0	01/29/2021
92976WBH8	17075	WELLS FARGO		03/13/2013	10,000,000.00	10,565,810.00	10,518,143.34	5.750	1.685	А	A2 (	02/01/2018
92976WBH8	17076	WELLS FARGO		03/13/2013	7,000,000.00	7,396,067.00	7,362,929.69	5,750	1.683	А	A2 (	02/01/2018
94974BFG0	17122	WELLS FARGO		07/05/2013	10,000,000.00	10,012,730.00	9,935,396.08	1.500	2.026	А	A2 (	01/16/2018
94974BFG0	17140	WELLS FARGO		08/15/2013	5,000,000.00	5,006,365.00	4,972,892.05	1.500	1.940	А	A2 (	01/16/2018
94974BFQ8	17207	WELLS FARGO		01/15/2014	15,000,000.00	15,186,210.00	14,975,142.67	2.150	2.227	А	A2 (	01/15/2019
94974BFW5	17290	WELLS FARGO		02/25/2015	1,635,000.00	1,633,528.50	1,635,318.31	1.150	1.120	А	A2 (	06/02/2017
929903DT6	17291	WELLS FARGO		02/25/2015	1,870,000.00	1,925,131.34	1,929,710.14	5,750	1,150	А	A2 (	06/15/2017
94974BFD7	17304	WELLS FARGO		05/08/2015	10,000,000.00	10,043,210.00	10,063,493.60	2.100	1.033	А	A2 (	05/08/2017

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CUSIP	Investmen	t # Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	S&P I	floody's	Maturity Date
Medium Term No	otes											
94974BFW5	17305	WELLS FARGO		05/08/2015	20,000,000.00	19,982,000.00	20,008,305.43	1.150	1.087	А	A2 (	06/02/2017
	:	Subtotal and Average	625,930,610.43		628,868,000.00	639,348,868.30	633,000,970.15		1.805			
Treasury Notes												
912828SY7	17019	US TREASURY NO	TE	06/01/2012	3,105,000.00	3,105,605.48	3,104,388.84	0.625	0.655	AA+	Aaa (	05/31/2017
912828TW0	17047	US TREASURY NO	TE	10/31/2012	1,000,000.00	1,000,703.00	1,000,236.60	0.750	0.728	AA+	Aaa 1	10/31/2017
912828UA6	17063	US TREASURY NO	TE	12/28/2012	550,000.00	549,570.45	549,223.01	0.625	0.749	AA+	Aaa 1	11/30/2017
912828UJ7	17071	US TREASURY NO	TE	01/31/2013	1,100,000.00	1,102,319.90	1,099,862.48	0.875	0.885	AA+	Aaa (	01/31/201
912828UZ1	17109	US TREASURY NO	TE	05/30/2013	650,000.00	648,933.35	646,206.02	0.625	1.005	AA+	Aaa (	04/30/201
912828VQ0	17161	US TREASURY NO	TE	08/01/2013	490,000.00	495,301.80	489,936.95	1.375	1.382	AA+	Aaa (	07/31/201
912828VQ0	17213	US TREASURY NO	TE	12/27/2013	650,000.00	657,033.00	647,664.57	1.375	1.579	AA+	Aaa (	07/31/2018
912828WD8	17236	US TREASURY NO	TE	03/21/2014	650,000.00	655,890.30	645,271.24	1.250	1.614	AA+	Aaa 1	10/31/201
912828RE2	17237	US TREASURY NO	TE	03/21/2014	650,000,00	658,785,40	649,345.22	1.500	1.555	AA+	Aaa (	08/31/2018
912828SY7	17241	US TREASURY NO	TE	03/25/2014	675,000.00	675,131.63	673,206.37	0.625	1.034	AA+	Aaa (	05/31/201
912828C24	17245	US TREASURY NO	TE	03/31/2014	1,000,000.00	1,015,625.00	994,810.24	1.500	1.725	AA+	Aaa (	02/28/201
912828A75	17246	US TREASURY NO	TE	04/21/2014	650,000.00	659,724.65	647,606.52	1.500	1.671	AA+	Aaa 1	12/31/201
912828SD3	17270	US TREASURY NO	TE	10/09/2014	10,000,000,00	10,097,270,00	9,945,904.76	1.250	1.490	AA+	Aaa (	01/31/201
912828B33	17271	US TREASURY NO	TE	10/09/2014	20,000,000.00	20,307,040.00	20,006,761.90	1.500	1.485	AA+	Aaa (	01/31/2019
912828ND8	17345	US TREASURY NO	TE	12/23/2015	40,000,000.00	43,507,800.00	42,593,292.45	3.500	1.637	AA+	Aaa (	05/15/2020
	:	Subtotal and Average	83,720,810.27	2	81,170,000.00	85,136,733.96	83,693,717.17	0 25	1.509			
Mutual Funds												
09248U718	9267	BLACKROCK PRO	DENT TFUND		0.00	0.00	0.00	0.010	0.010	AAA	Aaa	
SYS16450	16450	BLACKROCK LIQUI	DITY FED FUND	07/01/2016	0.00	0.00	0.00		0.000	AAA	Aaa	
SYS05831	05831	FIDELITY 057		07/01/2016	0.00	0.00	0.00	0.070	0.070	AAA	Aaa	
SYS15497	15497	FIDELITY 695		07/01/2016	0.00	0.00	0.00	0.010	0.010	AAA	Aaa	
		Subtotal and Average	24,422.53		0.00	0.00	0.00		0.000			
Local Agency In	vestment Fun	ds										
SYS05291	05291	LAIF			50,000,000.00	50,000,000.00	50,000,000.00	0.634	0.634			
	:	Subtotal and Average	50,000,000.00	5	50,000,000.00	50,000,000.00	50,000,000.00	8 8	0.634			
Federal Agency	Discounts											
313396L50	17357	FEDERAL HOME M	ORTGAGE CO	01/27/2016	15,000,000.00	14,998,575.00	14,995,500.00	5 D2	0.557	A-1+	P-1	10/21/2010
	:	Subtotal and Average	14,992,237.50		15,000,000.00	14,998,575.00	14,995,500.00		0.557			
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CUSIP	Investmen	nt# Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	S&P Moody	Maturity 's Date
Cash in Vault											
SYS03399	03399	VAULT		07/01/2016	1,813,790.35	1,813,790.35	1,813,790.35		0.000		
	:	Subtotal and Average	2,308,210.97		1,813,790.35	1,813,790.35	1,813,790.35		0.000		-
BOW Money Mark	et Account										
SYS16800	16800	BANK OF THE W	EST MM		150,034,631.15	150,034,631.15	150,034,631.15	0.390	0.390		
	:	Subtotal and Average	108,334,487.71	2	150,034,631.15	150,034,631.15	150,034,631.15	. ,	0.390		
Negotiable CDs											
05574R4W2	17377	BNP PARIBAS N	Y BRANCH	05/20/2016	50,000,000.00	50,004,700.00	50,000,000.00	1.080	1.095	A-1 P-1	02/21/2017
05582WAT1	17387	BNP PARIBAS N	Y BRANCH	08/03/2016	50,000,000.00	50,022,600.00	50,000,000.00	1.450	1.470	A-1 P-1	08/03/2017
		Subtotal and Average	100,000,000.00	3	100,000,000.00	100,027,300.00	100,000,000.00		1.283		P.
Asset Backed Sec	curities (0 da	ay lag)									
05578XAC2	17194	BMW VEHICLE C	WNER TRUST	11/06/2013	27,238.67	27,214.02	27,238.50	0.670	0.628	Aaa	11/27/2017
15200WAA3	17107	CENTERPOINT E	NERGY TRANS. BOND	05/13/2013	121,147.80	121,123.28	121,393.40	0.901	0.767	AAA Aaa	a 04/15/2018
43813JAC9	17229	HONDA AUTO RE	EC	02/27/2014	212,269.31	211,961.35	212,262.24	0.670	0.673	Aaa	a 11/21/2017
65477LAC4	17139	NISSAN AUTO R	EC OWNERS TRUST	07/30/2013	20,307.02	20,305,56	20,305.86	0.840	0.845	Aaa	11/15/2017
83190CAD1	17244	SMART TRUST		03/14/2014	189,485.03	189,170.48	189,477.51	0.950	0.953	Aaa	a 02/14/2018
92867PAC7	17195	VOLKSWAGON A	UTO LEASE TRUST	11/13/2013	121,822.14	121,568.09	121,812.30	0.700	0.705	AAA	04/20/2018
	:	Subtotal and Average	946,081.41		692,269.97	691,342.78	692,489.81		0.775		-
Municipal Bonds											
13063CKL3	17249	STATE OF CALIF	ORNIA	06/12/2014	10,000,000.00	10,189,700.00	10,028,233.09	2.250	2.134	AA- Aa	3 05/01/2019
	:	Subtotal and Average	10,028,673.28		10,000,000.00	10,189,700.00	10,028,233.09		2,134		
		Total and Average	2,530,357,097.20		2,596,508,638.21	2,633,407,788.23	2,608,115,344.06		1.414		

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## County of Fresno Inventory by Maturity Report September 30, 2016

			Sec.	Purchase		Current	Maturity	Maturity	Total	Par		YTM	Days to
CUSIP	Investment #	Fund	Type Issuer	Date	Value	Rate	Date	Amount	Days	Value	360	365	Maturity
SYS03399	03399	TREAS	PA2 VAULT	07/01/2016	1,813,790.35			1,813,790.35	1	1,813,790.35			1
SYS03400A	03400A	TREAS	PA1 BANK OF THE WEST	07/01/2016	50,313,946.74	0.450		50,313,946.74	1	50,313,946.74	0.444	0.450	1
SYS05291	05291	TREAS	LA5 LAIF	07/01/2016	50,000,000.00	0.634		50,000,000.00	1	50,000,000.00	0.625	0.634	1
SYS05831	05831	TREAS	LA1 FIDELITY 057	07/01/2016	0.00	0.070		0.00	1	0.00	0.069	0.070	1
SYS15497	15497	TREAS	LA1 FIDELITY 695	07/01/2016	0.00	0.010		0.00	1	0.00	0.010	0.010	1
SYS16450	16450	TREAS	LA1 BLACKROCK LIQUIDI	TY 07/01/2016	0.00			0.00	1	0.00			1
SYS16800	16800	TREAS	LA3 BANK OF THE WEST	VM 07/01/2016	150,034,631.15	0.390		150,034,631,15	1	150,034,631.15	0.385	0.390	1
09248U718	9267	TREAS	LA1 BLACKROCK PROVID	ENT 07/01/2016	0.00	0.010		0.00	1	0,00	0.010	0.010	1
24422ESD2	17184	TREAS	MTN JOHN DEERE	10/11/2013	699,991.77	1.050	10/11/2016	700,000.00	1,096	700,000.00	1.078	1.093	10
3137EAAJ8	16995	TREAS	FAC FEDERAL HOME	04/02/2012	576,072,78	5.125	10/18/2016	575,000.00	1,660	575,000.00	1.052	1.067	17
313396L50	17357	TREAS	AFD FEDERAL HOME	01/27/2016	14,995,500.00		10/21/2016	15,000,000.00	268	15,000,000.00	0.549	0.557	20
69349LAP3	17185	TREAS	MTN PNC BANK NA	10/24/2013	609,978.11	1.150	11/01/2016	610,000.00	1,104	610,000.00	1.178	<b>1</b> .194	31
06050TLR1	17196	TREAS	MTN BANK OF AMERICA M	TN 11/14/2013	499,985.27	1.125	11/14/2016	500,000.00	1,096	500,000.00	1.134	1.150	44
3135G0ES8	16988	TREAS	FAC FEDERAL NATIONAL	04/02/2012	700,241.49	1.375	11/15/2016	700,000.00	1,688	700,000.00	1.070	1.085	45
31359M2D4	16993	TREAS	FAC FEDERAL NATIONAL	04/02/2012	579,357.06	4.875	12/15/2016	575,000.00	1,718	575,000.00	1.069	1.084	75
69353RCG1	17220	TREAS	MTN PNC BANK NA	01/28/2014	249,960.49	1.125	01/27/2017	250,000.00	1,095	250,000.00	1.159	1.175	118
90331HMC4	17247	TREAS	MTN US BANK NA	04/01/2014	300,093.54	1.100	01/30/2017	300,000.00	1,035	300,000.00	0.990	1.004	121
084670BD9	17073	TREAS	MTN BERKSHIRE HATHAW	AY 03/13/2013	21,054,344.75	1.900	01/31/2017	21,000,000.00	1,420	21,000,000.00	1.082	1.097	122
46623EJY6	17228	TREAS	MTN JP MORGAN	02/18/2014	749,953.34	1.350	02/15/2017	750,000.00	1,093	750,000.00	1.348	1.367	137
46623EJY6	17283	TREAS	MTN JP MORGAN	01/13/2015	5,002,949.07	1.350	02/15/2017	5,000,000.00	764	5,000,000.00	1.173	1.189	137
36962G2G8	17366	TREAS	MTN G.E. CAPITAL	04/08/2016	1,017,245.84	5.400	02/15/2017	1,000,000.00	313	1,000,000.00	0.732	0.742	137
3137EAAM1	16996	TREAS	FAC FEDERAL HOME	04/02/2012	583,034.05	5.000	02/16/2017	575,000.00	1,781	575,000.00	1.141	1.157	138
05574R4W2	17377	TREAS	NCB BNP PARIBAS NY BRA	NCH05/20/2016	50,000,000.00	1.080	02/21/2017	50,000,000.00	277	50,000,000.00	1.080	1.095	143
17275RAT9	17242	TREAS	MTN CISCO SYSTEMS INC	03/03/2014	749,993.67	1.100	03/03/2017	750,000.00	1,096	750,000.00	1.087	1.102	153
3137EADC0	16990	TREAS	FAC FEDERAL HOME	04/02/2012	699,470.49	1.000	03/08/2017	700,000.00	1,801	700,000.00	1.163	1.179	158
24422ERN1	17056	TREAS	MTN JOHN DEERE	12/19/2012	1,002,420.03	1.400	03/15/2017	1,001,000.00	1,547	1,001,000.00	1.066	1.080	165
07330NAH8	17243	TREAS	MTN BRANCH BANKING &	03/04/2014	699,680.64	1.000	04/03/2017	700,000.00	1,126	700,000.00	1.077	1.092	184
3135G0JA2	17007	TREAS	FAC FEDERAL NATIONAL	05/30/2012	675,414.79	1.125	04/27/2017	675,000.00	1,793	675,000.00	1,001	1.015	208
94974BFD7	17304	TREAS	MTN WELLS FARGO	05/08/2015	10,063,493.60	2.100	05/08/2017	10,000,000.00	731	10,000,000.00	1.019	1.033	219
3137EADF3	17005	TREAS	FAC FEDERAL HOME	05/30/2012	675,864.75	1.250	05/12/2017	675,000.00	1,808	675,000.00	1.021	1.035	223
3137EADF3	17025	TREAS	FAC FEDERAL HOME	08/09/2012	20,045,361.12	1.250	05/12/2017	20,000,000.00	1,737	20,000,000.00	0.860	0.872	223
36962G7J7	17284	TREAS	MTN G.E. CAPITAL	01/13/2015	2,041,818.07	1.250	05/15/2017	2,040,000.00	853	2,040,000.00	1.084	1.099	226
912828\$Y7	17019	TREAS	TRC US TREASURY NOTE	06/01/2012	3,104,388.84	0.625	05/31/2017	3,105,000.00	1,825	3,105,000.00	0.646	0.655	242
912828SY7	17241	TREAS	TRC US TREASURY NOTE	03/25/2014	673,206.37	0.625	05/31/2017	675,000.00	1,163	675,000.00	1.020	1.034	242
14912L5E7	17294	TREAS	MTN CATERPILLAR	02/25/2015	5,019,941.18	1.625	06/01/2017	5,000,000.00	827	5,000,000.00	1.004	1.018	243

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			Sec.	Sec. Purchase Book Current Maturity		Maturity	Maturity Total Par		I	Days to			
CUSIP	Investment #	Fund	Type Issuer	Date	Value	Rate	Date	Amount	Days	Value	360	365 1	Maturity
94974BFW5	17290	TREAS	MTN WELLS FARGO	02/25/2015	1,635,318.31	1.150	06/02/2017	1,635,000.00	828	1,635,000.00	1.105	1.120	244
94974BFW5	17305	TREAS	MTN WELLS FARGO	05/08/2015	20,008,305,43	1.150	06/02/2017	20,000,000.00	756	20,000,000.00	1.072	1.087	244
31398ADM1	17009	TREAS	FAC FEDERAL NATIONAL	06/14/2012	571,562.34	5,375	06/12/2017	555,000.00	1,824	555,000.00	0.965	0.979	254
929903DT6	17291	TREAS	MTN WELLS FARGO	02/25/2015	1,929,710.14	5,750	06/15/2017	1,870,000.00	841	1,870,000.00	1.135	1.150	257
064058AA8	17074	TREAS	MTN BANK OF NEW YORK	03/13/2013	5,024,568,77	1,969	06/20/2017	5,000,000.00	1,560	5,000,000.00	1.248	1.265	262
064058AA8	17289	TREAS	MTN BANK OF NEW YORK	02/25/2015	2,399,270.33	1.969	06/20/2017	2,385,000.00	846	2,385,000.00	1.108	1.124	262
3137EADH9	17054	TREAS	FAC FEDERAL HOME	12/17/2012	50,093,192.40	1.000	06/29/2017	50,000,000.00	1,655	50,000,000.00	0.735	0.745	271
3137EADH9	17058	TREAS	FAC FEDERAL HOME	12/18/2012	50,086,167.50	1.000	06/29/2017	50,000,000.00	1,654	50,000,000.00	0.754	0.764	271
3137EADJ5	17024	TREAS	FAC FEDERAL HOME	08/09/2012	25,016,476.94	1.000	07/28/2017	25,000,000.00	1,814	25,000,000.00	0.905	0.918	300
3137EADJ5	17029	TREAS	FAC FEDERAL HOME	07/31/2012	675,905.87	1.000	07/28/2017	675,000.00	1,823	675,000.00	0.822	0.834	300
3137EADJ5	17057	TREAS	FAC FEDERAL HOME	12/18/2012	30,051,420.36	1.000	07/28/2017	30,000,000.00	1,683	30,000,000.00	0.777	0.788	300
05582WAT1	17387	TREAS	NCB BNP PARIBAS NY BRA	NCH08/03/2016	50,000,000.00	1.450	08/03/2017	50,000,000.00	365	50,000,000.00	1.450	1.470	306
3134G3B90	17022	TREAS	FAC FEDERAL HOME	08/15/2012	49,980,375.00	0.875	08/15/2017	50,000,000.00	1,826	50,000,000.00	0.909	0.921	318
48126EAA5	17365	TREAS	MTN JP MORGAN	04/08/2016	30,196,524.02	2.000	08/15/2017	30,000,000.00	494	30,000,000,00	1.223	1.240	318
3135G0MZ3	17032	TREAS	FAC FEDERAL NATIONAL	08/30/2012	500,181.87	0.875	08/28/2017	500,000.00	1,824	500,000.00	0.823	0.834	331
3135G0MZ3	17038	TREAS	FAC FEDERAL NATIONAL	09/26/2012	950,539.96	0.875	08/28/2017	950,000.00	1,797	950,000.00	0.800	0.811	331
3135G0MZ3	17049	TREAS	FAC FEDERAL NATIONAL	11/01/2012	175,076.14	0.875	08/28/2017	175,000.00	1,761	175,000.00	0.815	0.826	331
14912L3K5	17323	TREAS	MTN CATERPILLAR	09/24/2015	11,453,658.86	5.850	09/01/2017	11,000,000.00	708	11,000,000.00	1.262	1.280	335
3130A6GG6	17325	TREAS	FAC FEDERAL HOME LOA	N 09/22/2015	10,006,240.00	0.875	09/22/2017	10,000,000.00	731	10,000,000.00	0.799	0.810	356
3137EADL0	17042	TREAS	FAC FEDERAL HOME	10/25/2012	500,509.45	1.000	09/29/2017	500,000.00	1,800	500,000.00	0.883	0.895	363
3137EADL0	17050	TREAS	FAC FEDERAL HOME	11/01/2012	175,280.19	1.000	09/29/2017	175,000.00	1,793	175,000.00	0.824	0.835	363
3137EADL0	17059	TREAS	FAC FEDERAL HOME	11/30/2012	1,002,326.28	1.000	09/29/2017	1,000,000.00	1,764	1,000,000.00	0.751	0.761	363
89233P6S0	17118	TREAS	MTN TOYOTA MOTOR CRE	DIT 07/05/2013	4,968,084.58	1.250	10/05/2017	5,000,000.00	1,553	5,000,000.00	1.884	1.910	369
3133EDXA5	17367	TREAS	FAC FEDERAL FARM CREI	DIT 04/06/2016	25,103,001.19	1.150	10/10/2017	25,000,000.00	552	25,000,000.00	0.735	0.745	374
3133EDXA5	17368	TREAS	FAC FEDERAL FARM CREI	DIT 04/06/2016	7,530,880.01	1.150	10/10/2017	7,500,000.00	552	7,500,000.00	0.735	0.745	374
3135G0PQ0	17051	TREAS	FAC FEDERAL NATIONAL	11/01/2012	700,204.79	0.875	10/26/2017	700,000.00	1,820	700,000.00	0.835	0.847	390
912828TW0	17047	TREAS	TRC US TREASURY NOTE	10/31/2012	1,000,236.60	0.750	10/31/2017	1,000,000.00	1,826	1,000,000.00	0.718	0.728	395
65477LAC4	17139	TREAS	MC3 NISSAN AUTO REC	07/30/2013	20,305.86	0.840	11/15/2017	20,307.02	1,569	20,307.02	0.834	0.845	410
3137EABA6	17053	TREAS	FAC FEDERAL HOME	11/30/2012	576,551,83	5,125	11/17/2017	550,000.00	1,813	550,000.00	0.745	0.755	412
36962G6K5	17055	TREAS	MTN G.E. CAPITAL	12/19/2012	5,001,743.62	1.600	11/20/2017	5,000,000.00	1,797	5,000,000.00	1.546	1.568	415
43813JAC9	17229	TREAS	MC3 HONDA AUTO REC	02/27/2014	212,262.24	0.670	11/21/2017	212,269.31	1,363	212,269.31	0.664	0.673	416
05578XAC2	17194	TREAS	MC3 BMW VEHICLE OWNE	R 11/06/2013	27,238,50	0.670	11/27/2017	27,238.67	1,482	27,238.67	0.620	0.628	422
912828UA6	17063	TREAS	TRC US TREASURY NOTE	12/28/2012	549,223.01	0.625	11/30/2017	550,000.00	1,798	550,000.00	0.739	0.749	425
3135G0RT2	17062	TREAS	FAC FEDERAL NATIONAL	12/21/2012	674,935.76	0.875	12/20/2017	675,000.00	1,825	675,000.00	0.871	0.883	445
3137EADN6	17066	TREAS	FAC FEDERAL HOME	01/16/2013	673,832.23	0.750	01/12/2018	675,000.00	1,822	675,000.00	0.876	0.888	468
3137EADN6	17130	TREAS	FAC FEDERAL HOME	07/12/2013	19,827,267.28	0.750	01/12/2018	20,000,000.00	1,645	20,000,000.00	1.429	1.449	468
3137EADN6	17318	TREAS	FAC FEDERAL HOME	08/28/2015	19,968,474.94	0.750	01/12/2018	20,000,000.00	868	20,000,000.00	0.863	0.875	468
89236TCA1	17319	TREAS	MTN TOYOTA MOTOR CRE	DIT 09/01/2015	10,010,774.72	1.450	01/12/2018	10,000,000.00	864	10,000,000.00	1.345	1.364	468
94974BFG0	17122	TREAS	MTN WELLS FARGO	07/05/2013	9,935,396.08	1.500	01/16/2018	10,000,000.00	1,656	10,000,000.00	1,998	2.026	472
94974BFG0	17140	TREAS	MTN WELLS FARGO	08/15/2013	4,972,892.05	1.500	01/16/2018	5,000,000.00	1,615	5,000,000.00	1.913	1.940	472

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CUSIP	Investment #	Fund	Type Issuer	Date	Value	Rate	Date	Amount	Days	Value	360		aturity
912828UJ7	17071	TREAS	TRC US TREASURY NOTE	01/31/2013	1,099,862.48	0.875	01/31/2018	1,100,000.00	1,826	1,100,000.00	0.872	0.885	487
92976WBH8	17075	TREAS	MTN WELLS FARGO	03/13/2013	10,518,143.34	5.750	02/01/2018	10,000,000.00	1,786	10,000,000.00	1.662	1.685	488
92976WBH8	17076	TREAS	MTN WELLS FARGO	03/13/2013	7,362,929.69	5.750	02/01/2018	7,000,000.00	1,786	7,000,000.00	1,660	1.683	488
3135G0TG8	17078	TREAS	FAC FEDERAL NATIONAL	02/12/2013	674,125.11	0.875	02/08/2018	675,000.00	1,822	675,000.00	0,960	0.973	495
3135G0TG8	17087	TREAS	FAC FEDERAL NATIONAL	02/28/2013	499,917.10	0.875	02/08/2018	500,000.00	1,806	500,000.00	0.875	0.888	495
3135G0TG8	17202	TREAS	FAC FEDERAL NATIONAL	12/20/2013	19,865,354.97	0.875	02/08/2018	20,000,000.00	1,511	20,000,000.00	1.370	1.389	495
084670BH0	17120	TREAS	MTN BERKSHIRE HATHAWAY	07/05/2013	9,962,057.56	1.550	02/09/2018	10,000,000.00	1,680	10,000,000.00	1.818	1.843	496
83190CAD1	17244	TREAS	MC3 SMART TRUST	03/14/2014	189,477.51	0.950	02/14/2018	189,485.03	1,433	189,485.03	0.940	0.953	501
06406HCJ6	17322	TREAS	MTN BANK OF NEW YORK	09/11/2015	4,466,895.86	1.350	03/06/2018	4,481,000.00	907	4,481,000.00	1.554	1.575	521
3137EADP1	17089	TREAS	FAC FEDERAL HOME	03/08/2013	674,130.70	0.875	03/07/2018	675,000.00	1,825	675,000.00	0,954	0.967	522
3137EADP1	17103	TREAS	FAC FEDERAL HOME	03/28/2013	999,688.20	0.875	03/07/2018	1,000,000.00	1,805	1,000,000.00	0.885	0.897	522
24422ESB6	17119	TREAS	MTN JOHN DEERE	07/05/2013	1,909,180.30	1.300	03/12/2018	1,925,000.00	1,711	1,925,000.00	1.870	1.896	527
15200WAA3	17 <b>107</b>	TREAS	MC3 CENTERPOINT ENERGY	05/13/2013	121,393.40	0.901	04/15/2018	121,147.80	1,798	121,147.80	0,756	0.767	561
92867PAC7	17 <b>195</b>	TREAS	MC3 VOLKSWAGON AUTO	11/13/2013	121,812.30	0.700	04/20/2018	121,822.14	1,619	121,822.14	0.696	0.705	566
912828UZ1	17109	TREAS	TRC US TREASURY NOTE	05/30/2013	646,206.02	0.625	04/30/2018	650,000.00	1,796	650,000.00	0.991	1.005	576
36962G3U6	17141	TREAS	MTN G.E. CAPITAL	08/15/2013	5,259,255,90	5.625	05/01/2018	5,000,000.00	1,720	5,000,000,00	2.132	2,162	577
36962G3U6	17153	TREAS	MTN G.E. CAPITAL	09/10/2013	10,443,378.82	5,625	05/01/2018	10,000,000.00	1,694	10,000,000.00	2,595	2.631	577
36962G3U6	17189	TREAS	MTN G.E. CAPITAL	12/13/2013	10,579,752.85	5.625	05/01/2018	10,000,000.00	1,600	10,000,000.00	1,775	1.800	577
037833AJ9	17123	TREAS	MTN APPLE INC	07/08/2013	6,494,743.63	1.000	05/03/2018	6,579,000.00	1,760	6,579,000.00	1.821	1.846	57 <del>9</del>
037833AJ9	17142	TREAS	MTN APPLE INC	08/15/2013	10,874,345.28	1.000	05/03/2018	11,000,000.00	1,722	11,000,000.00	1.728	1.752	579
037833AJ9	17147	TREAS	MTN APPLE INC	08/16/2013	6,181,904.02	1.000	05/03/2018	6,265,000.00	1,721	6,265,000.00	1.850	1.876	579
037833AJ9	17148	TREAS	MTN APPLE INC	08/27/2013	6,884,439.72	1.000	05/03/2018	7,000,000.00	1,710	7,000,000.00	2.067	2.096	579
037833AJ9	17154	TREAS	MTN APPLE INC	09/10/2013	9,814,005.98	1.000	05/03/2018	10,000,000.00	1,696	10,000,000.00	2.208	2.239	579
037833AJ9	17320	TREAS	MTN APPLE INC	09/11/2015	9,116,922.84	1.000	05/03/2018	9,164,000.00	965	9,164,000.00	1.312	1.330	579
084664BE0	17149	TREAS	MTN BERKSHIRE HATHAWAY	08/27/2013	5,382,003.36	5.400	05/15/2018	5,124,000.00	1,722	5,124,000.00	2.092	2.121	591
3135G0WJ8	17108	TREAS	FAC FEDERAL NATIONAL	05/30/2013	671,551.84	0.875	05/21/2018	675,000.00	1,817	675,000.00	1.181	1.197	597
3135G0WJ8	17116	TREAS	FAC FEDERAL NATIONAL	05/30/2013	795,725.38	0.875	05/21/2018	800,000.00	1,817	800,000.00	1.195	1.212	597
3135G0WJ8	17164	TREAS	FAC FEDERAL NATIONAL	08/30/2013	493,151.35	0.875	05/21/2018	500,000.00	1,725	500,000.00	1.725	1.749	597
3135G0WJ8	17193	TREAS	FAC FEDERAL NATIONAL	12/12/2013	39,654,293.21	0.875	05/21/2018	40,000,000.00	1,621	40,000,000.00	1.402	1.421	597
313373UU4	17117	TREAS	FAC FEDERAL HOME LOAN	07/01/2013	50,893,625,60	2,750	06/08/2018	50,000,000.00	1,803	50,000,000.00	1,620	1.642	615
313373UU4	17129	TREAS	FAC FEDERAL HOME LOAN	07/12/2013	30,556,489.56	2,750	06/08/2018	30,000,000.00	1,792	30,000,000.00	1,580	1.601	615
313373UU4	17135	TREAS	FAC FEDERAL HOME LOAN	07/26/2013	62,282,058.15	2.750	06/08/2018	61,150,000.00	1,778	61,150,000.00	1.582	1.604	615
313373UU4	17191	TREAS	FAC FEDERAL HOME LOAN	12/12/2013	4,025,303.63	2.750	06/08/2018	3,940,000.00	1,639	3,940,000.00	1,401	1.420	615
313379DT3	17192	TREAS	FAC FEDERAL HOME LOAN	12/12/2013	6,117,947.28	1.250	06/08/2018	6,135,000.00	1,639	6,135,000.00	1.401	1.421	615
3133XRFZ8	17199	TREAS	FAC FEDERAL HOME LOAN	12/18/2013	2,106,492.68	4.750	06/08/2018	2,000,000.00	1,633	2,000,000.00	1.455	1.475	615
31331KNA4	17200	TREAS	FAC FEDERAL FARM CREDIT	12/18/2013	1,017,964.94	2.580	06/08/2018	1,000,000.00	1,633	1,000,000.00	1.455	1.475	615
3137EABP3	17124	TREAS	FAC FEDERAL HOME	06/14/2013	608,408.20	4.875	06/13/2018	575,000.00	1,825	575,000.00	1.313	1.331	620
166764AE0	17 <b>121</b>	TREAS	MTN CHEVRON CORP	07/05/2013	9,983,841.70	1.718	06/24/2018	10,000,000.00	1,815	10,000,000.00	1.791	1.816	631
166764AE0	17150	TREAS	MTN CHEVRON CORP	08/27/2013	3,300,840.58	1.718	06/24/2018	3,320,000.00	1,762	3,320,000.00	2.042	2.070	631
166764AE0	17186	TREAS	MTN CHEVRON CORP	12/06/2013	10,017,647.86	1.718	06/24/2018	10,000,000.00	1,661	10,000,000.00	1.590	1.612	631

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CUSIP	Investment #	Fund	Type Issuer	Date	Value	Rate	Date	Amount		Value	360		Maturity	
89236TCP8	17321	TREAS	MTN TOYOTA MOTOR CRED	IT 09/11/2015	5,999,773,86	1.550	07/13/2018	6,000,000.00	1,036	6,000,000,00	1.531	1,552	650	
912828VQ0	17161	TREAS	TRC US TREASURY NOTE	08/01/2013	489,936.95	1,375	07/31/2018	490,000.00	1,825	490,000.00	1.363	1,382	668	
912828VQ0	17213	TREAS	TRC US TREASURY NOTE	12/27/2013	647,664.57	1,375	07/31/2018	650,000.00	1,677	650,000,00	1.558	1.579	668	
06406HCL1	17151	TREAS	MTN BANK OF NEW YORK	08/27/2013	4,991,257.05	2,100	08/01/2018	5,000,000.00	1,800	5,000,000.00	2.171	2.201	669	
06406HCL1	17190	TREAS	MTN BANK OF NEW YORK	12/13/2013	10,038,579.14	2.100	08/01/2018	10,000,000.00	1,692	10,000,000.00	1.853	1.879	669	
084664BY6	17144	TREAS	MTN BERKSHIRE HATHAWA	Y 08/15/2013	10,006,740.00	2.000	08/15/2018	10,000,000.00	1,826	10,000,000.00	1.935	1.962	683	
084664BY6	17152	TREAS	MTN BERKSHIRE HATHAWA	Y 08/27/2013	995,329.50	2.000	08/15/2018	1,000,000.00	1,814	1,000,000.00	2.234	2.265	683	
912828RE2	17237	TREAS	TRC US TREASURY NOTE	03/21/2014	649,345.22	1.500	08/31/2018	650,000.00	1,624	650,000.00	1.533	1.555	699	
14912L5T4	17155	TREAS	MTN CATERPILLAR	09/10/2013	4,994,679.15	2.450	09/06/2018	5,000,000.00	1,822	5,000,000.00	2.475	2.509	705	
14912L5T4	17187	TREAS	MTN CATERPILLAR	12/06/2013	7,756,665.14	2.450	09/06/2018	7,675,000.00	1,735	7,675,000.00	1.845	1.871	705	
14912L5T4	17203	TREAS	MTN CATERPILLAR	12/26/2013	2,519,133.06	2.450	09/06/2018	2,500,000.00	1,715	2,500,000.00	2.004	2.032	705	
24422EQV4	17156	TREAS	MTN JOHN DEERE	09/10/2013	3,704,269.16	5.750	09/10/2018	3,500,000.00	1,826	3,500,000.00	2,496	2.531	709	
3135G0YM9	17167	TREAS	FAC FEDERAL NATIONAL	09/25/2013	602,642.67	1.875	09/18/2018	600,000.00	1,819	600,000.00	1.618	1.640	717	
3135G0YM9	17197	TREAS	FAC FEDERAL NATIONAL	11/22/2013	1,007,025.20	1.875	09/18/2018	1,000,000.00	1,761	1,000,000.00	1.482	1.503	717	
3135G0YM9	17198	TREAS	FAC FEDERAL NATIONAL	11/27/2013	166,304.64	1.875	09/18/2018	165,000.00	1,756	165,000.00	1.437	1.456	717	
912828WD8	17236	TREAS	TRC US TREASURY NOTE	03/21/2014	645,271.24	1.250	10/31/2018	650,000.00	1,685	650,000.00	1.592	1.614	760	
3135G0YT4	17221	TREAS	FAC FEDERAL NATIONAL	01/31/2014	599,527.96	1.625	11/27/2018	600,000.00	1,761	600,000.00	1.640	1.663	787	
3135G0YT4	17234	TREAS	FAC FEDERAL NATIONAL	03/20/2014	598,277.53	1.625	11/27/2018	600,000.00	1,713	600,000.00	1.740	1.764	787	
24422ESF7	17204	TREAS	MTN JOHN DEERE	12/26/2013	19,957,452.71	1.950	12/13/2018	20,000,000.00	1,813	20,000,000.00	2.024	2.052	803	
313376BR5	17205	TREAS	FAC FEDERAL HOME LOAN	01/03/2014	39,935,883.21	1.750	12/14/2018	40,000,000.00	1,806	40,000,000.00	1.801	1.826	804	
912828A75	17246	TREAS	TRC US TREASURY NOTE	04/21/2014	647,606.52	1.500	12/31/2018	650,000.00	1,715	650,000.00	1.648	1.671	821	
94974BFQ8	17207	TREAS	MTN WELLS FARGO	01/15/2014	14,975,142.67	2.150	01/15/2019	15,000,000.00	1,826	15,000,000.00	2.196	2.227	836	
46625HJR2	17217	TREAS	MTN JP MORGAN	01/28/2014	4,999,023.50	2.350	01/28/2019	5,000,000.00	1,826	5,000,000.00	2.327	2.359	849	
46625HJR2	17225	TREAS	MTN JP MORGAN	03/05/2014	10,029,102.72	2.350	01/28/2019	10,000,000.00	1,790	10,000,000.00	2.187	2.217	849	
46625HJR2	17263	TREAS	MTN JP MORGAN	09/16/2014	5,012,964.98	2.350	01/28/2019	5,000,000.00	1,595	5,000,000.00	2.201	2.232	849	
3136FTZZ5	17274	TREAS	FAC FEDERAL NATIONAL	12/09/2014	10,035,675.79	1.750	01/30/2019	10,000,000.00	1,513	10,000,000,00	1.569	1.591	851	
912828SD3	17270	TREAS	TRC US TREASURY NOTE	10/09/2014	9,945,904.76	1.250	01/31/2019	10,000,000.00	1,575	10,000,000.00	1.470	1.490	852	
912828B33	17271	TREAS	TRC US TREASURY NOTE	10/09/2014	20,006,761.90	1.500	01/31/2019	20,000,000.00	1,575	20,000,000.00	1.464	1,485	852	
3135G0ZA4	17222	TREAS	FAC FEDERAL NATIONAL	02/25/2014	10,033,191.30	1.875	02/19/2019	10,000,000.00	1,820	10,000,000.00	1.705	1.729	871	
3135G0ZA4	17223	TREAS	FAC FEDERAL NATIONAL	03/03/2014	25,116,137.46	1.875	02/19/2019	25,000,000.00	1,814	25,000,000.00	1.648	1.671	871	
3135G0ZA4	17224	TREAS	FAC FEDERAL NATIONAL	03/03/2014	10,047,031.47	1.875	02/19/2019	10,000,000.00	1,814	10,000,000.00	1.646	1.669	871	
3135G0ZA4	17235	TREAS	FAC FEDERAL NATIONAL	03/20/2014	600,281.99	1.875	02/19/2019	600,000.00	1,797	600,000.00	1.829	1.854	871	
3135G0ZA4	17268	TREAS	FAC FEDERAL NATIONAL	10/01/2014	5,015,523.38	1.875	02/19/2019	5,000,000.00	1,602	5,000,000.00	1.715	1.739	871	
3133EGBR5	17384	TREAS	FAC FEDERAL FARM CRED	T 06/09/2016	4,997,879.84	0.950	02/25/2019	5,000,000.00	991	5,000,000.00	0.955	0.968	877	
3135G0J53	17390	TREAS	FAC FEDERAL NATIONAL	08/11/2016	26,639,090.79	1.000	02/26/2019	26,561,000.00	929	26,561,000.00	0.864	0.876	878	
912828C24	17245	TREAS	TRC US TREASURY NOTE	03/31/2014	994,810.24	1.500	02/28/2019	1,000,000.00	1,795	1,000,000.00	1.702	1.725	880	

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CUSIP	Investment #	Fund	Туре	Issuer	Date	Value	Rate	Date	Amount		Value	360	365	Maturity	
3133EDLR1	17248	TREAS	FAC	FEDERAL FARM CREDIT	05/27/2014	5,004,118.12	1.650	05/15/2019	5,000,000.00	1,814	5,000,000.00	1.595	1.617	956	
06406HCU1	17261	TREAS	MTN	BANK OF NEW YORK	09/16/2014	2,498,861.47	2,200	05/15/2019	2,500,000.00	1,702	2,500,000.00	2.188	2.218	956	
06406HCU1	17262	TREAS	MTN	BANK OF NEW YORK	09/16/2014	4,999,325.31	2.200	05/15/2019	5,000,000.00	1,702	5,000,000.00	2.175	2,205	956	
3133X72S2	17272	TREAS	FAC	FEDERAL HOME LOAN	12/09/2014	10,922,706.77	5.375	05/15/2019	10,000,000.00	1,618	10,000,000.00	1.683	1.706	956	
3133X72S2	17279	TREAS	FAC	FEDERAL HOME LOAN	12/19/2014	22,409,429.87	5.375	05/15/2019	20,500,000.00	1,608	20,500,000.00	1.652	1.675	956	
166764BH2	17378	TREAS	MTN	CHEVRON CORP	05/25/2016	19,955,216.76	1.561	05/16/2019	20,000,000.00	1,086	20,000,000.00	1.641	1.664	957	
166764BH2	17381	TREAS	MTN	CHEVRON CORP	05/27/2016	9,978,514.81	1.561	05/16/2019	10,000,000.00	1,084	10,000,000.00	1.641	1.664	957	
313379EE5	17250	TREAS	FAC	FEDERAL HOME LOAN	06/18/2014	4,970,040.70	1.625	06/14/2019	5,000,000.00	1,822	5,000,000.00	1.833	1.858	986	
3130A2FH4	17256	TREAS	FAC	FEDERAL HOME LOAN	09/02/2014	20,004,520.33	1.750	06/14/2019	20,000,000.00	1,746	20,000,000.00	1.717	1.741	986	
313379EE5	17259	TREAS	FAC	FEDERAL HOME LOAN	09/10/2014	9,942,494.22	1.625	06/14/2019	10,000,000.00	1,738	10,000,000.00	1.823	1.848	986	
3130A2FH4	17260	TREAS	FAC	FEDERAL HOME LOAN	09/10/2014	9,974,959.73	1.750	06/14/2019	10,000,000.00	1,738	10,000,000.00	1.822	1.847	986	
3135G0ZE6	17251	TREAS	FAC	FEDERAL NATIONAL	06/18/2014	4,986,309.21	1.750	06/20/2019	5,000,000.00	1,828	5,000,000.00	1.830	1.856	992	
3135G0ZE6	17269	TREAS	FAC	FEDERAL NATIONAL	10/01/2014	29,924,457.39	1.750	06/20/2019	30,000,000.00	1,723	30,000,000.00	1.822	1.847	992	
3135G0ZE6	17277	TREAS	FAC	FEDERAL NATIONAL	12/11/2014	10,039,184.04	1.750	06/20/2019	10,000,000.00	1,652	10,000,000.00	1.578	1.600	992	
3135G0ZE6	17278	TREAS	FAC	FEDERAL NATIONAL	12/19/2014	26,061,067.62	1.750	06/20/2019	26,000,000.00	1,644	26,000,000.00	1.637	1.660	992	
3133EFW52	17383	TREAS	FAC	FEDERAL FARM CREDIT	06/09/2016	2,065,503.79	1.150	07/01/2019	2,060,000.00	1,117	2,060,000.00	1.037	1.051	1,003	
89236TBP9	17265	TREAS	MTN	TOYOTA MOTOR CREDIT	10/01/2014	9,980,583.03	2.125	07/18/2019	10,000,000.00	1,751	10,000,000.00	2.168	2.198	1,020	
3137EAEB1	17391	TREAS	FAC	FEDERAL HOME	08/11/2016	9,988,526.48	0.875	07/19/2019	10,000,000.00	1,072	10,000,000.00	0.922	0.935	1,021	
3137EADK2	17275	TREAS	FAC	FEDERAL HOME	12/11/2014	14,839,359.16	1.250	08/01/2019	15,000,000.00	1,694	15,000,000.00	1.621	1.644	1,034	
3137EADK2	17276	TREAS	FAC	FEDERAL HOME	12/11/2014	19,787,937.72	1.250	08/01/2019	20,000,000.00	1,694	20,000,000.00	1.618	1.640	1,034	
084670BL1	17264	TREAS	MTN	BERKSHIRE HATHAWAY	10/01/2014	9,979,611.07	2.100	08/14/2019	10,000,000.00	1,778	10,000,000.00	2.145	2.175	1,047	
06406HCW7	17266	TREAS	MTN	BANK OF NEW YORK	10/01/2014	8,474,675.56	2.300	09/11/2019	8,501,000.00	1,806	8,501,000.00	2.379	2.412	1,075	
3137EADM8	17280	TREAS	FAC	FEDERAL HOME	12/19/2014	19,713,029.95	1.250	10/02/2019	20,000,000.00	1,748	20,000,000.00	1.726	1.750	1,096	
3137EADM8	17281	TREAS	FAC	FEDERAL HOME	12/19/2014	19,714,159.26	1.250	10/02/2019	20,000,000.00	1,748	20,000,000.00	1.724	1.748	1,096	
3137EADM8	17282	TREAS	FAC	FEDERAL HOME	12/19/2014	9,857,079.63	1.250	10/02/2019	10,000,000.00	1,748	10,000,000.00	1.724	1.748	1,096	
36962G7M0	17296	TREAS	MTN	G.E. CAPITAL	03/04/2015	10,422,524.97	2.200	01/09/2020	10,350,000.00	1,772	10,350,000.00	1.947	1.974	1,195	
24422ERY7	17349	TREAS	MTN	JOHN DÉÉRE	12/28/2015	8,837,344.24	1.700	01/15/2020	9,000,000.00	1,479	9,000,000.00	2.247	2.278	1,201	
06406HBP3	17350	TREAS	MTN	BANK OF NEW YORK	12/28/2015	5,362,257.68	4.600	01/15/2020	5,000,000.00	1,479	5,000,000.00	2.250	2.281	1,201	
3135G0A78	17299	TREAS	FAC	FEDERAL NATIONAL	03/04/2015	19,951,235.06	1.625	01/21/2020	20,000,000.00	1,784	20,000,000.00	1.679	1.702	1,207	
3135G0A78	17300	TREAS	FAC	FEDERAL NATIONAL	03/06/2015	29,940,133.85	1.625	01/21/2020	30,000,000.00	1,782	30,000,000.00	1.665	1.688	1,207	
3135G0A78	17307	TREAS	FAC	FEDERAL NATIONAL	05/08/2015	10,000,843.47	1.625	01/21/2020	10,000,000.00	1,719	10,000,000.00	1.600	1.622	1,207	
3135G0A78	17308	TREAS	FAC	FEDERAL NATIONAL	05/08/2015	10,001,525.28	1.625	01/21/2020	10,000,000.00	1,719	10,000,000.00	1,598	1.620	1,207	
3135G0A78	17312	TREAS	FAC	FEDERAL NATIONAL	06/03/2015	14,995,173.65	1.625	01/21/2020	15,000,000.00	1,693	15,000,000.00	1.613	1.635	1,207	
3135G0A78	17329	TREAS	FAC	FEDERAL NATIONAL	10/29/2015	10,058,405.39	1.625	01/21/2020	10,000,000.00	1,545	10,000,000.00	1.422	1.442	1,207	
3135G0A78	17332	TREAS	FAC	FEDERAL NATIONAL	11/04/2015	10,032,162.16	1.625	01/21/2020	10,000,000.00	1,539	10,000,000.00	1.503	1.524	1,207	
3135G0A78	17335	TREAS	FAC	FEDERAL NATIONAL	11/06/2015	10,011,405.15	1.625	01/21/2020	10,000,000.00	1,537	10,000,000.00	1.567	1.589	1,207	
3135G0A78	17341	TREAS	FAC	FEDERAL NATIONAL	12/22/2015	20,006,934.24	1.625	01/21/2020	20,000,000.00	1,491	20,000,000.00	1.592	1.614	1,207	
3135G0A78	17342	TREAS	FAC	FEDERAL NATIONAL	12/23/2015	10,002,188.69	1.625	01/21/2020	10,000,000.00	1,490	10,000,000.00	1.596	1.618	1,207	
3135G0A78	17344	TREAS	FAC	FEDERAL NATIONAL	12/23/2015	20,003,112.81	1.625	01/21/2020	20,000,000.00	1,490	20,000,000.00	1.598	1.620	1,207	
46625HKA7	17295	TREAS	MTN	JP MORGAN	03/04/2015	9,970,047.53	2.250	01/23/2020	10,000,000.00	1,786	10,000,000.00	2.314	2.346	1,209	

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Instructure         TREAS         MTN         CATEPRILAR         DDW/016         B.245/802.7         O 0005720         B.278.000.00         I.422         I.50         I.51         I.50         I.51         I.50         I.51         I.52         I.50         I.51         I.51         I.51         I.51         I.51         I.52         I.53         I.52         I.53         I.53         I.55         I.50         I.51         I.51         I.55         I.51         I.55	CUSIP	Investment #	Fund					-	•		Value	360		
1317EADR7         17330         TTEAS         FAC         FEDCAL INCME         05000/0015         9.901/2020         10.000.000.00         1.82         10.000.000.00         1.82         10.000.000.00         1.82         10.000.000.00         1.84         17.45         0570000         10.000.000.00         1.82         10.000.000.00         1.84	06406HCZ0	17297	TREAS	MTN BANK OF NEW YORK	03/04/2015	3,006,169.66	2.150	02/24/2020	3,000,000.00	1,818	3,000,000.00	2.057	2.086	1,241
1375-RDP7         1736         TFEAS         FAC         FEDCRAL HOME         6508/0016         9.906/761/7         157         6501/0200         10.000.000.00         1820         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         10.000.000.00         1841         1353           17315         TREAS         FAC         FEDERAL HOME LOAN         00.000.000         1841         1847         1350         1350         00.000.000         1841         1847         1350         13500075         17331         TREAS         FAC         FEDERAL HOME ICCDM         00.000.000         1841         1855         1360075         1333         1560075         17331         TREAS         FAC         FEDERAL NTONAL         10.000.000.00         1649         5.000.000.00         1841         1855	14912L6J5	17360	TREAS	MTN CATERPILLAR	03/04/2016	8,254,968.28	2.000	03/05/2020	8,278,000.00	1,462	8,278,000,00	2.056	2.085	1,251
17348       THEAS       NTN       APPLE INC       1228/2016       9.998/8818       1200       0.000/00.00       1591       10,000,00.00       1.911       2.00       1.313         912282H0       17345       TREAS       FAC       FEDERAL HOME       1029/2015       4.935,721.41       1.500       0.872/2020       2.000,00.00       1.687       4.320         3133EHU8       17315       TREAS       FAC       FEDERAL HOME LOAN       0.61/22015       1.939,92.013       1.750       0.61/22020       2.000,00.00       1.687       1.220       1.320       3.335       1.331       1.216,100.00       1.818       1.320       1.333       1.331       1.331       1.216,100.00       1.818       1.320       1.333       1.331       1.331       1.216,100.00       1.818       1.320       1.333       1.331       1.333       1.331	3137EADR7	17303	TREAS	FAC FEDERAL HOME	05/06/2015	9,911,820.06	1.375	05/01/2020	10,000,000.00	1,822	10,000,000.00	1.610	1.632	1,308
973280400         TTREAS         TTRC         05 TERASURY NOTE         122/2015         42,582.224.2         1500         05/15/2020         500.000.00         1605         500.000.00         1.614         1.524         1.324           31348H400         17315         TTREAS         FAC         FEDERAL HOME LOAN         06/12/215         1.939.92.013         1.700         06/12/2020         2.000.000.00         1.607         5.000.000.00         1.817         1.524         1.323           31338H418         17317         TTREAS         FAC         FEDERAL HOME LOAN         06/12/215         1.939.92.89.13         1.700         06/12/2020         1.2010.000.000         1.817         1.326         1.337         1.327         TTREAS         FAC         FEDERAL HAR RCREDT         06/12/215         1.936.93.88         1.800         06/12/216         1.936.93.88         1.800         06/12/216         1.937.43.12         1.930         06/12/216         1.937.43.12         1.930         06/12/216         1.936.93.88         1.800         06/12/216         1.936.93.88         1.800         06/12/216         1.936.93.93.60.000         1.848         1.847         1.300           3135G0075         17333         TREAS         FAC         FEDERAL NATIONAL         10/14/2154         4.977.480	3137EADR7	17309	TREAS	FAC FEDERAL HOME	05/08/2015	9,906,786.17	1.375	05/01/2020	10,000,000.00	1,820	10,000,000.00	1.624	1.647	1,308
1732         TREAS         FAC         FEDERAL HOME         10/2/2/015         4/98/7814         1500         06/2/2/020         5.000,000.00         1827         5.000,000.00         1827         1500         1503         1524         1328           3133BHUB         17315         TREAS         FAC         FEDERAL HOME LOAN         06/2/2015         12,812,20.85         17.00         08/2/2020         12,615,000.00         1827         12,000,000.00         1.801         1.801         1.833           3135EUMS         17316         TREAS         FAC         FEDERAL HOME LOAN         06/2/2021         12,017,200         1.801         1.801         1.833         1.803         06/2/2020         2.900,000.00         1.687         1.800         0.822/202         2.900,000.00         1.682         5.000,000.00         1.681         1.801         1.833         1.803         06/2/2020         5.900,000.00         1.682         5.000,000.00         1.681         1.801         1.802         1.801         06/2/2020         5.900,000.00         1.682         5.900,000.00         1.682         5.900,000.00         1.682         1.801         1.801         1.801         1.801         1.801         1.801         1.801         1.801         1.801         1.801         1.801<	037833BD1	17348	TREAS	MTN APPLE INC	12/28/2015	9,996,861.61	2.000	05/06/2020	10,000,000.00	1,591	10,000,000.00	1.981	2.009	1,313
31358-006       17315       TREAS       FAC       FEDERAL HOME LOAN       06/22/015       19.99.2313       17.50       06/12/2020       12.615,000.00       18.27       20.000,00.00       1.827       12.615,000.00       1.827       1.826       1.826       1.835         31338HU8       17317       TREAS       FAC       FEDERAL FARU (RED)T       12.511,200.05       12.515,000.00       1.827       12.615,000.00       1.827       1.800       1.826       1.353         313560D75       17337       TREAS       FAC       FEDERAL NATIONAL       10020215       5.935,242.11       1.500       06/2/2/202       5.950,000.00       1.697       5.980,000.00       1.698       1.500       1.548       1.580       1.580       1.580       1.580       1.500       06/2/2/202       5.900,000.00       1.697       1.580       1.580       1.500       06/2/2/202       5.900,000.00       1.692       5.900,000.00       1.681       1.580       1.580       1.580       06/2/2/202       5.900,000.00       1.692       5.900,000.00       1.691       1.573       1.580       1.580       1.500       06/2/2/202       5.900,000.00       1.691       1.573       1.580       1.580       1.591       1.591       1.591       1.591       1.591 <t< td=""><td>912828ND8</td><td>17345</td><td>TREAS</td><td>TRC US TREASURY NOTE</td><td>12/23/2015</td><td>42,593,292.45</td><td>3.500</td><td>05/15/2020</td><td>40,000,000.00</td><td>1,605</td><td>40,000,000.00</td><td>1.614</td><td>1.637</td><td>1,322</td></t<>	912828ND8	17345	TREAS	TRC US TREASURY NOTE	12/23/2015	42,593,292.45	3.500	05/15/2020	40,000,000.00	1,605	40,000,000.00	1.614	1.637	1,322
313381/U8         17317         TREAS         FAC         FEDERAL HOME LOAN         08/28/0015         12.81/2.02.85         17.50         04/12/2020         12.261/5.00.00         1.813         12.61/5.00.00         1.813         12.61/5.00.00         1.813         12.61/5.00.00         1.813         12.61/5.00.00         1.813         1.826         1.353           3135E0D75         17331         TREAS         FAC         FEDERAL NATIONAL         103/2015         5,983,040         0.61/5/2020         5,060,000.00         1.697         5,980,000.00         1.647         1.558         1.360           3135G0D75         17333         TREAS         FAC         FEDERAL NATIONAL         100/2015         4.977.449.01         1.500         06/22/2020         5,000,000.00         1.692         5.000,000.00         1.691         1.527         1.360           3135G0D75         17338         TREAS         FAC         FEDERAL NATIONAL         11/04/2015         4.977.481.01         1.500         06/22/2020         5,000,000.00         1.692         5.000,000.00         1.691         1.697         1.360           3135G0D75         17338         TREAS         FAC         FEDERAL NATIONAL         12/17/2015         2.978.98.22.0         1.500         06/22/2020         5.000,00.00.0 </td <td>3134G44G0</td> <td>17328</td> <td>TREAS</td> <td>FAC FEDERAL HOME</td> <td>10/29/2015</td> <td>4,995,781.34</td> <td>1.500</td> <td>05/22/2020</td> <td>5,000,000.00</td> <td>1,667</td> <td>5,000,000.00</td> <td>1.503</td> <td>1.524</td> <td>1,329</td>	3134G44G0	17328	TREAS	FAC FEDERAL HOME	10/29/2015	4,995,781.34	1.500	05/22/2020	5,000,000.00	1,667	5,000,000.00	1.503	1.524	1,329
1312         Enc.         FAC         FEDERAL FARU RCHDT         61/52/2015         9.898.98.98.98.98.         1.800         6/f1/2020         10.000,000.00         1.827         10.000,000.00         1.861         1.887         1.353           3135G0D75         17337         TREAS         FAC         FEDERAL NATIONAL         10/29/2015         19.974.811.20         1500         06/22/202         5.980,000.00         1.697         5.950,000.00         1.694         1.694         1.693           3135G0D75         17334         TREAS         FAC         FEDERAL NATIONAL         110/42015         4.977,288.22         1.000,000.00         1.697         5.950,000.00         1.694         1.627         1.380           3135G0D75         17334         TREAS         FAC         FEDERAL NATIONAL         110/42015         4.980,484         1.500         06/22/202         5.000,000.00         1.694         3.000,000.00         1.697         1.781         1.803           3135G0D75         17335         TREAS         FAC         FEDERAL NATIONAL         12/17/2015         1.972,180.00         1.500         06/22/202         0.000,000.00         1.644         1.000,000.00         1.781         1.800           3135G0D75         17343         TREAS         FAC	313383HU8	17315	TREAS	FAC FEDERAL HOME LOAN	06/12/2015	19,999,290.13	1.750	06/12/2020	20,000,000,00	1,827	20,000,000.00	1.727	1.751	1,350
3135G0D75         17327         TREAS         FAC         FEDERAL NATIONAL         10292015         1937482015         1500         06222202         20.00.00.00         1.698         20.000.00.00         1.548         1.558         1.360           3135G0D75         17331         TREAS         FAC         FEDERAL NATIONAL         10302015         5,935,284.21         1.500         06222202         5,000,000.00         1.692         5,000,000.00         1.691         1.626         1.360           3135G0D75         17334         TREAS         FAC         FEDERAL NATIONAL         1104/2015         4,977,449.01         1.500         06222202         5,000,000.00         1.692         5,000,000.00         1.695         1.627         1.360           3135G0D75         17338         TREAS         FAC         FEDERAL NATIONAL         12/17/2015         29,785.89         1.500         06222202         30,000,000.00         1.644         10,000,000.00         1.649         1.600         1.778         1.360           3135G0D75         17340         TREAS         FAC         FEDERAL NATIONAL         12/222015         9.927,850.89         1.500         06222020         10,000,000.00         1.644         1.000.00.00         1.649         1.760         1.778	313383HU8	17317	TREAS	FAC FEDERAL HOME LOAN	06/26/2015	12,581,230.85	1.750	06/12/2020	12,615,000.00	1,813	12,615,000.00	1.801	1.826	1,350
31350075       17331       TREAS       FAC       FEDERAL NATIONAL       10/30/2015       5,935,254.21       1.500       06/22/2020       5,950,000.00       1.697       5,950,000.00       1.648       1.560       1.360         31350075       17333       TREAS       FAC       FEDERAL NATIONAL       11/04/2015       4,977,288.2       1.500       06/22/2020       5,000.000.00       1.682       5,000.000.00       1.682       5,000.000.00       1.682       5,000.000.00       1.682       5,000.000.00       1.682       5,000.000.00       1.681       1.737       1.360         31350075       17338       TREAS       FAC       FEDERAL NATIONAL       12/17/2015       19,711101.08       1.500       06/22/2020       20,000.000.00       1.644       10,000.000.00       1.649       1.000.000.00       1.649       1.000.000.00       1.649       1.000.000.00       1.649       1.000.000.00       1.649       1.750       1.750       1.733       1.360         31350075       17340       TREAS       FAC       FEDERAL NATIONAL       12/2/2015       9.922,140.81       1.500       06/2/2020       10,000.000.00       1.644       10.000.000.00       1.649       1.769       1.760       1.760       1.760       1.760       1.760       1.760 </td <td>3133EEW55</td> <td>17316</td> <td>TREAS</td> <td>FAC FEDERAL FARM CREDIT</td> <td>06/15/2015</td> <td>9,969,369.88</td> <td>1.800</td> <td>06/15/2020</td> <td>10,000,000.00</td> <td>1,827</td> <td>10,000,000.00</td> <td>1.861</td> <td>1.887</td> <td>1,353</td>	3133EEW55	17316	TREAS	FAC FEDERAL FARM CREDIT	06/15/2015	9,969,369.88	1.800	06/15/2020	10,000,000.00	1,827	10,000,000.00	1.861	1.887	1,353
313G0D75       17333       TREAS       FAC       FEDERAL NATIONAL       11/04/2015       4,977,449.01       1.500       06/22/2020       5,000,000.00       1,692       5,000,000.00       1,694       1,504       1,525       1,336         313G0D75       17334       TREAS       FAC       FEDERAL NATIONAL       11/04/2015       4,987,248.24       1,500       06/22/2020       5,000,000.00       1,692       5,000,000.00       1,695       1,579       1,335         313G0D75       17333       TREAS       FAC       FEDERAL NATIONAL       12/17/2015       2,970,9852.30       1,500       06/22/2020       3,000,000.00       1,649       3,000,000.00       1,759       1,769       1,783       1356         313G0D75       17343       TREAS       FAC       FEDERAL NATIONAL       12/23/2015       9,927,800.99       1,500       06/22/2020       10,000,000.00       1,644       10,000,000.00       1,659       1,779       1,360         313G0D75       17343       TREAS       FAC       FEDERAL NATIONAL       12/23/2015       5,032,4118.3       2,500       0,000,000.00       1,644       1,000,000.00       1,694       5,000,000.00       1,694       1,600.000.0       1,694       1,600.000.0       1,693       1,600.000.00	3135G0D75	17327	TREAS	FAC FEDERAL NATIONAL	10/29/2015	19,974,831.20	1.500	06/22/2020	20,000,000.00	1,698	20,000,000.00	1.514	1.535	1,360
31360D75         1734         TREAS         FAC         FEDERAL NATIONAL         11/04/2015         4,977.288.22         1.500         66/22/2020         5,000,000.00         1.692         5,000,000.00         1.695         1.627         1.350           31360D75         17338         TREAS         FAC         FEDERAL NATIONAL         12/17/215         23,068,252.0         1.500         06/22/2020         5,000,000.00         1.649         3,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         20,000,000.00         1.649         2,000         1.750         1.738         1.788         1.780         1.780         1.780         1.780         1.780         1.781         1.360           3135G0D75         17343         TREAS         FAC         FEDERAL NATIONAL         12/2/2/2015         5,032,411.62         2.000 </td <td>3135G0D75</td> <td>17331</td> <td>TREAS</td> <td>FAC FEDERAL NATIONAL</td> <td>10/30/2015</td> <td>5,935,254.21</td> <td>1.500</td> <td>06/22/2020</td> <td>5,950,000.00</td> <td>1,697</td> <td>5,950,000.00</td> <td>1.548</td> <td>1.569</td> <td>1,360</td>	3135G0D75	17331	TREAS	FAC FEDERAL NATIONAL	10/30/2015	5,935,254.21	1.500	06/22/2020	5,950,000.00	1,697	5,950,000.00	1.548	1.569	1,360
31360075         1738         TREAS         FAC         FEDERAL NATIONAL         1106/2015         4,968,084.84         1.500         06/22/2020         5,000,000.00         1.649         30.000.000         1.658         1.679         1.360           31360075         17338         TREAS         FAC         FEDERAL NATIONAL         12/17/2015         137/101.06         1500         06/22/2020         30.000.000.00         1.649         30.000.000.00         1.649         30.000.000.00         1.649         30.000.000.00         1.649         10.000.000.00         1.641         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.649         10.000.000.00         1.639         1.774         1.780         1.774         1.780         1.740         1.741         1.740         1.740         1.640         0.000.000.00         1.649         1.000.000.00         1.635         1.641         1.747         1.780         1.774         1.780	3135G0D75	17333	TREAS	FAC FEDERAL NATIONAL	11/04/2015	4,977,449.01	1.500	06/22/2020	5,000,000.00	1,692	5,000,000.00	1.604	1.626	1,360
313GOD75       17338       TREAS       FAC       FEDERAL NATIONAL       12/17/2015       29,706,952.30       1.500       06/2/2020       30,000,000.00       1,649       30,000,000.00       1,750       1,774       1,360         313GOD75       17339       TREAS       FAC       FEDERAL NATIONAL       12/17/2015       9,922,140.83       1,500       06/22/2020       10,000,000.00       1,644       10,000,000.00       1,759       1,734       1,360         313GOD75       17343       TREAS       FAC       FEDERAL NATIONAL       12/22/2015       9,922,140.83       1,500       06/22/2020       10,000,000.00       1,644       10,000,000.00       1,695       1,718       1,360         06406HDD5       17347       TREAS       MTN       PMORGAN       03/04/2016       6,188,021       2,550       10/29/2020       6,181,000.00       1,643       10,000,000.00       1,555       1,576       1,490         1535GORM7       17330       TREAS       FAC       FEDERAL NATIONAL       10/20/215       10,081,182.00       1,350       1,375       1/278/2020       10,060,000.00       1,863       1,000,000.00       1,555       1,576       1,490         1355GORM7       17330       TREAS       FAC       FEDERAL HOME LOAN	3135G0D75	17334	TREAS	FAC FEDERAL NATIONAL	11/04/2015	4,977,288.22	1.500	06/22/2020	5,000,000.00	1,692	5,000,000.00	1.605	1.627	1,360
313SGD75       17339       TREAS       FAC       FEDERAL NATIONAL       12/17/2015       19,791,101.08       1.500       06/22/2020       20,000,000.00       1.643       10,000,000.00       1.679       1.733       1.360         313G0D75       17340       TREAS       FAC       FEDERAL NATIONAL       12/22/2015       9,927,850.89       15.00       06/22/202       10,000,000.00       1.643       10,000,000.00       1.679       1.733       1.360         313G0D75       17343       TREAS       MTN       BANK OF NEW YORK       12/28/2015       5.032,411.62       2.600       8/17/2020       5.000,000.00       1.643       10,000,000.00       2.439       2.422       1.446         46625HNX4       17361       TREAS       MTN       PMORGAN       03/04/2016       6.186,092.11       2.550       10/29/2020       6,181,000.00       1.643       10,000,000.00       2.439       2.427       1.466         3135G0H57       1734       TREAS       MTN       CHEDRAL NATIONAL       10/30/2015       10,981,832       2.419       11/17/202       10,000,000.00       1.768       1.501       1.591       1.591       1.591       1.591       1.591       1.591       1.591       1.591       1.591       1.591       1.591	3135G0D75	17336	TREAS	FAC FEDERAL NATIONAL	11/06/2015	4,968,084.84	1.500	06/22/2020	5,000,000.00	1,690	5,000,000.00	1.656	1.679	1,360
313G0D75       17340       TREAS       FAC       FEDERAL NATIONAL       12/22/2015       9.927,850.89       ^1.500       06/22/2020       10,000,000.00       1.644       10,000,000.00       1.679       1.702       1.360         313G0D75       17343       TREAS       FAC       FEDERAL NATIONAL       12/23/2015       5.922,140.83       1.500       06/22/2020       10,000,000.00       1.644       10,000,000.00       1.894       5.000       0.000       2.389       2.422       1.416         46625HNX4       17361       TREAS       MTN       JP MORGAN       03/04/2016       6.186,092.11       2.550       10/29/2020       6.181,000.00       1.894       5.000,000.00       2.439       2.528       1.489         3135G0L75       17340       TREAS       FAC       FEDERAL NATIONAL       10/30/2015       10.081,182.00       1.630       10/30/2020       10,060,000.00       1.876       10.000,000.00       1.876       1.576       1.489         3135G0H75       17343       TREAS       FAC       FEDERAL NATIONAL       05/20/2015       1.979,89.32       2.419       11/17/202       1.000,000.00       1.881       1.0000       1.360       1.551         3135G0H75       17374       TREAS       FAC       FEDERA	3135G0D75	17338	TREAS	FAC FEDERAL NATIONAL	12/17/2015	29,706,952.30	1.500	06/22/2020	30,000,000.00	1,649	30,000,000.00	1.750	1.774	1,360
313G0D75         17343         TREAS         FAC         FEDERAL NATIONAL         12/23/2015         9,922,140.83         1.500         06/22/2020         10,000,000.00         1.643         10,000,000.00         1.695         1.718         1.360           06406HDD8         17347         TREAS         MTN         BANK OF NEW YORK         12/28/2015         5.032,411.62         2.600         6/817/2020         5,000,000.00         1.694         5,000,000.00         2.493         2.528         1.489           313G0D7         17330         TREAS         MAC         FEDERAL NATIONAL         03/04/2015         6,186,092.11         2.550         10/30/2020         6,181,000.00         1.897         10,060,000.00         1.897         10,060,000.00         1.897         10,060,000.00         1.897         10,060,000.00         2.433         2.528         1.489           313500HT         17330         TREAS         FAC         FEDERAL NATIONAL         06/2/2/2015         9.978,809.32         2.419         11/17/2020         10,000,000.00         1.895         1.000.00.00         2.433         2.471         1.508           313500HTS         1774         TREAS         FAC         FEDERAL NATIONAL         06/2/2/2016         1.0187.366.03         1.857         1/2/2/2020	3135G0D75	17339	TREAS	FAC FEDERAL NATIONAL	12/17/2015	19,791,101.08	1.500	06/22/2020	20,000,000.00	1,649	20,000,000.00	1,769	1,793	1,360
OddoBHDB         17347         TREAS         MTN         BANK OF NEW YORK         1228/2015         5.032.411.62         2.600         08/17/2020         5.000.000.00         1.694         5.000,000.00         2.389         2.422         1.416           46625HNX4         17361         TREAS         MTN         JP MORGAN         03/04/2016         6.188,092.11         2.500         10/29/2020         6.181.000.00         1.700         6.181.000.00         1.555         1.576         1.490           135G0RM7         17330         TREAS         FAC         FEDERAL NATIONAL         10/30/2015         10.081,182.00         10.060.000.00         1.766         10.060,000.00         1.555         1.576         1.490           1335G0H5         17374         TREAS         FAC         FEDERAL HOME LOAN         04/2/2/16         5.091,193.53         1.875         12/18/2020         10.000,000.00         1.895         5.000,000.00         1.898         1.417         1.593           3135G0H55         17374         TREAS         MTN         JP MATIONAL         05/20/2016         5.184,614.79         2.500         1/08/2021         5.000,000.00         1.681         1.691         1.541         1.541           3135G0H55         17374         TREAS         FAC<	3135G0D75	17340	TREAS	FAC FEDERAL NATIONAL	12/22/2015	9,927,850.89	<b>1</b> .500	06/22/2020	10,000,000.00	1,644	10,000,000.00	1.679	1.702	1,360
46622HIX4         17361         TREAS         MTN         JP MORGAN         03/04/2016         6,186,092.11         2.550         10/29/2020         5,181,000.00         1,700         6,181,000.00         2.493         2.528         1,489           3135GORM7         17330         TREAS         FAC         FEDERAL NATIONAL         10/03/0215         10.081,182.00         10/30/2020         10.080,000.00         1,827         10.080,000.00         1.555         1.576         1,490           166764AY6         17346         TREAS         FAC         FEDERAL HOME LOAN         04/21/2016         5,001,193.53         1575         12/12/202         5,000,000.00         1,895         5,000,000.00         1,398         1,417         1,508           31381CA1         17372         TREAS         FAC         FEDERAL HOME LOAN         04/21/2016         5,008,617.59         2,550         10/08/2021         5,000,000.00         1,893         1,316         1,549           24422ETF6         17384         TREAS         MTN         DEDRAL HOME LOAN         03/03/2016         5,48,414.79         2,550         10/28/2021         5,000,000.00         1,621         5,000.000.00         1,563         1,654         1,551           31336/CV5         17336         TREAS	3135G0D75	17343	TREAS	FAC FEDERAL NATIONAL	12/23/2015	9,922,140.83	1.500	06/22/2020	10,000,000.00	1,643	10,000,000.00	1.695	1.718	1,360
3135G0RM7       17330       TREAS       FAC       FEDERAL NATIONAL       10/30/2015       10.061,182.00       1.630       10/30/2020       10.060,000.00       1.827       10.060,000.00       1.555       1.576       1.490         166764AY6       17346       TREAS       MTN       CHEVRON CORP       12/28/2015       9.978,809.32       2.419       11/17/2020       10.000,000.00       1.565       5.000,000.00       2.437       2.411       1.508         3135G0H55       17374       TREAS       FAC       FEDERAL NATIONAL       05/20/2016       10.187,366.03       1.875       12/28/2020       10.000,000.00       1.635       5.000,000.00       1.359       1.436       1.459         3135G0H55       17374       TREAS       MTN       JOHN DEERE       03/04/2016       5.080,617.59       2.550       01/08/2021       5.000,000.00       1.621       5.000,000.00       1.588       1.681       1.561         3133G7KN0       17364       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016       838,676.87       2.100       02/08/2021       820,000.00       1.808       17.800,000.00       1.416       1.435       1.593         3130A7CV5       17363       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016 </td <td>06406HDD8</td> <td>17347</td> <td>TREAS</td> <td>MTN BANK OF NEW YORK</td> <td>12/28/2015</td> <td>5,032,411.62</td> <td>2.600</td> <td>08/17/2020</td> <td>5,000,000.00</td> <td>1,694</td> <td>5,000,000.00</td> <td>2.389</td> <td>2.422</td> <td>1,416</td>	06406HDD8	17347	TREAS	MTN BANK OF NEW YORK	12/28/2015	5,032,411.62	2.600	08/17/2020	5,000,000.00	1,694	5,000,000.00	2.389	2.422	1,416
Instruct	46625HNX4	17361	TREAS	MTN JP MORGAN	03/04/2016	6,186,092.11	2.550	10/29/2020	6,181,000.00	1,700	6,181,000.00	2.493	2.528	1,489
13331CA1       17372       TREAS       FAC       FEDERAL HOME LOAN       04/21/2016       5,001,133.5       1.375       12/11/2020       5,000,000.00       1,695       5,000,000.00       1.350       1.359       1.352         31331CA1       17372       TREAS       FAC       FEDERAL HOME LOAN       05/20/2016       10,187,366.03       1.875       12/11/2020       5,000,000.00       1,695       5,000,000.00       1.388       1.417       1,549         24422ETF6       17362       TREAS       MTN       US BANK NA       08/22/2016       5,146,414.79       2.350       01/29/2021       5,000,000.00       1,671       5,000,000.00       1,658       1.681       1,581         3133EGV24       17359       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016       838,676.7       2.100       02/08/2021       5,000,000.00       1,683       820,000.00       1,533       1,554       1,591         3130A7CV5       17363       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016       4,968,252.38       1,375       02/18/2021       5,000,000.00       1,803       1,000,000.00       1,416       1,436       1,593         3130A7CV5       17371       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016	3135G0RM7	17330	TREAS	FAC FEDERAL NATIONAL	10/30/2015	10,081,182.00	1.630	10/30/2020	10,060,000.00	1,827	10,060,000.00	1.555	1.576	1,490
Altsochts         Track         FAC         FEDERAL NATIONAL         05/20/2016         1,875         12/28/2020         10,000,000.00         1,683         10,000,000.00         1.398         1.417         1,549           24422ETF6         17362         TREAS         MTN         JOHN DEERE         03/04/2016         5,080,617.59         2.550         01/08/2021         5,000,000.00         1,671         5,000,000.00         1,683         10,000,000.00         1,683         10,000,000.00         1,683         1,601         1,560           91159HHL7         17395         TREAS         MTN         US BANK NA         08/22/2016         5,146,414.79         2.350         01/29/2021         5,000,000.00         1,621         5,000,000.00         1,658         1,681         1,551           3133GHXN0         17354         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         4,968,252.38         1,375         02/18/2021         5,000,000.00         1,808         17,800,000.00         1,416         1,436         1,593           3130A7CV5         17363         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         4,968,252.38         1,375         02/18/2021         10,000,000.00         1,416         1,403         1,601	166764AY6	17346	TREAS	MTN CHEVRON CORP	12/28/2015	9,979,809.32	2.419	11/17/2020	10,000,000.00	1,786	10,000,000.00	2.437	2.471	1,508
Oldsons         TREAS         MTN         JOHN DEERE         03/04/2016         5,080,617.59         2.550         01/08/2021         5,000,000.00         1,771         5,000,000.00         1,621         5,000,000.00         1,651         1,581           91159HHL7         17364         TREAS         MTN         US BANK NA         08/22/2016         5,146,414.79         2.350         01/29/2021         5,000,000.00         1,621         5,000,000.00         1,658         1,681         1,581           313376XN0         17364         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         838,676.87         2.100         02/08/2021         820,000.00         1,803         820,000.00         1,416         1,436         1,593           3130A7CV5         17363         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         4,968,252.38         1,375         02/18/2021         10,000,000.00         1,813         5,000,000.00         1,416         1,436         1,693           3130A7CV5         17371         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         4,980,564.49         1,375         02/18/2021         10,000,000.00         1,764         10,000,000.00         1,447         1,467         1,601	313381CA1	17372	TREAS	FAC FEDERAL HOME LOAN	04/21/2016	5,001,193.53	1.375	12/11/2020	5,000,000.00	1,695	5,000,000.00	1.350	1.369	1,532
PIILSPINLT         17395         TREAS         MTN         US BANK NA         08/22/016         5,146,414.79         2.350         01/29/2021         5,000,000.00         1,621         5,000,000.00         1,658         1,681         1,581           313376XN0         17364         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         838,676.87         2.100         02/08/2021         820,000.00         1,803         820,000.00         1,416         1,436         1,593           3133FEYZ4         17359         TREAS         FAC         FEDERAL FARM CREDIT         02/29/2016         17,754,430.46         1,375         02/10/2021         17,800,000.00         1,808         17,800,000.00         1,416         1,436         1,593           3130A7CV5         17363         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         4,968,252.38         1,375         02/18/2021         10,000,000.00         1,813         5,000,000.00         1,384         1,403         1,601           3130A7CV5         17371         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         4,980,564.49         1,375         02/18/2021         10,000,000.00         1,735         5,000,000.00         1,447         1,467         1,601      <	3135G0H55	17374	TREAS	FAC FEDERAL NATIONAL	05/20/2016	10,187,366.03	1.875	12/28/2020	10,000,000.00	1,683	10,000,000.00	1.398	1.417	1,549
11307         17364         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         838,678.87         2,100         02/08/2021         820,000.00         1,803         820,000.00         1,803         820,000.00         1,533         1,554         1,591           313376KN0         17364         TREAS         FAC         FEDERAL FARM CREDIT         02/29/2016         17,754,430.46         1.375         02/10/2021         17,800,000.00         1,803         820,000.00         1,416         1.436         1,593           3130A7CV5         17363         TREAS         FAC         FEDERAL HOME LOAN         03/03/2016         4,968,252.38         1.375         02/18/2021         5,000,000.00         1,813         5,000,000.00         1.505         1.526         1,601           3130A7CV5         17376         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         4,980,564.49         1.375         02/18/2021         5,000,000.00         1.735         5,000,000.00         1.447         1.467         1.601           3130A7CV5         17376         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.471         1.467         1.601	24422ETF6	17362	TREAS	MTN JOHN DEERE	03/04/2016	5,080,617.59	2.550	01/08/2021	5,000,000.00	1,771	5,000,000.00	2.121	2.150	1,560
1313EFYZ4       17359       TREAS       FAC       FEDERAL FARM CREDIT       02/29/2016       17,754,430.46       1.375       02/10/2021       17,800,000.00       1,808       17,800,000.00       1.416       1.436       1.593         3133EFYZ4       17359       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016       4,968,252.38       1.375       02/10/2021       5,000,000.00       1,813       5,000,000.00       1.505       1.526       1,601         3130A7CV5       17371       TREAS       FAC       FEDERAL HOME LOAN       04/21/2016       9,988,106.68       1.375       02/18/2021       10,000,000.00       1,764       10,000,000.00       1.844       1.403       1,601         3130A7CV5       17376       TREAS       FAC       FEDERAL HOME LOAN       05/20/2016       4,980,564.49       1.375       02/18/2021       10,000,000.00       1,735       5,000,000.00       1.447       1.467       1,601         3130A7CV5       17379       TREAS       FAC       FEDERAL HOME LOAN       05/25/2016       9,951,050.96       1.375       02/18/2021       10,000,000.00       1,730       10,000,000.00       1.447       1.467       1.601         3130A7CV5       1738       TREAS       FAC       FEDERAL HOME LOAN	91159HHL7	17395	TREAS	MTN US BANK NA	08/22/2016	5,146,414.79	2.350	01/29/2021	5,000,000.00	1,621	5,000,000.00	1.658	1.681	1,581
3130A7CV5       17363       TREAS       FAC       FEDERAL HOME LOAN       03/03/2016       4,968,252.38       1.375       02/18/2021       5,000,000.00       1,813       5,000,000.00       1.505       1.526       1,601         3130A7CV5       17371       TREAS       FAC       FEDERAL HOME LOAN       04/21/2016       9,988,106.68       1.375       02/18/2021       10,000,000.00       1,764       10,000,000.00       1.384       1.403       1,601         3130A7CV5       17376       TREAS       FAC       FEDERAL HOME LOAN       05/20/2016       4,980,564.49       1.375       02/18/2021       5,000,000.00       1,735       5,000,000.00       1,447       1.467       1,601         3130A7CV5       17379       TREAS       FAC       FEDERAL HOME LOAN       05/25/2016       9,951,050.96       1.375       02/18/2021       10,000,000.00       1,477       1.447       1.467       1.601         3130A7CV5       1738       TREAS       FAC       FEDERAL HOME LOAN       05/25/2016       9,951,050.96       1.375       02/18/2021       10,000,000.00       1,471       1.491       1.601         3130A7CV5       1738       TREAS       FAC       FEDERAL HOME LOAN       08/08/2016       10,085,486.94       1.375	313376XN0	17364	TREAS	FAC FEDERAL HOME LOAN	03/03/2016	838,676.87	2,100	02/08/2021	820,000.00	1,803	820,000.00	1.533	1.554	1,591
3130A7CV5         17371         TREAS         FAC         FEDERAL HOME LOAN         04/21/2016         9,988,106.68         1.375         02/18/2021         10,000,000.00         1,764         10,000,000.00         1.384         1.403         1.601           3130A7CV5         17376         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         4,980,564.49         1.375         02/18/2021         5,000,000.00         1,735         5,000,000.00         1.447         1.467         1,601           3130A7CV5         17379         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1,730         10,000,000.00         1.447         1.467         1,601           3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1,730         10,000,000.00         1.447         1.467         1,601           3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         10,085,486.94         1.375         02/18/2021         10,000,000.00         1,555         10,000,000.00         1.502         1.523         1,678	3133EFYZ4	17359	TREAS	FAC FEDERAL FARM CREDIT	02/29/2016	17,754,430.46	1.375	02/10/2021	17,800,000.00	1,808	17,800,000.00	1.416	1.436	1,593
3130A7CV5         17376         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         4,980,564.49         1.375         02/18/2021         5,000,000.00         1.735         5,000,000.00         1.447         1.467         1.601           3130A7CV5         17379         TREAS         FAC         FEDERAL HOME LOAN         05/20/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.730         10,000,000.00         1.447         1.467         1.601           3130A7CV5         17379         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.730         10,000,000.00         1.447         1.467         1.601           3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.655         10,000,000.00         1.502         1.523         1.678           3135G0K69         17380         TREAS         FAC         FEDERAL NATIONAL         05/25/2016         9,882,665.90         1.250         05/06/2021         25,000,000.00         1.581         1.273         1.523         1.678           31	3130A7CV5	17363	TREAS	FAC FEDERAL HOME LOAN	03/03/2016	4,968,252.38	1.375	02/18/2021	5,000,000.00	1,813	5,000,000.00	1.505	1.526	1,601
3130A7CV5         17379         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.471         1.491         1.601           3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         05/25/2016         9,951,050.96         1.375         02/18/2021         10,000,000.00         1.730         10,000,000.00         1.471         1.491         1.601           3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         10,085,486.94         1.375         02/18/2021         10,000,000.00         1.655         10,000,000.00         1.158         1.174         1.601           3135G0K69         17380         TREAS         FAC         FEDERAL NATIONAL         05/25/2016         9,882,665.90         1.250         05/06/2021         10,000,000.00         1.807         10,000,000.00         1.502         1.523         1,678           3135G0K69         17402         TREAS         FAC         FEDERAL NATIONAL         09/28/2016         25,131,222.92         1.250         05/06/2021         25,000,000.00         1.218         1.235         1,678           3130A1W95         17386         TREAS         FAC	3130A7CV5	17371	TREAS	FAC FEDERAL HOME LOAN	04/21/2016	9,988,106.68	1.375	02/18/2021	10,000,000.00	1,764	10,000,000.00	1.384	1.403	1,601
3130A7CV5         17388         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         10,085,486.94         1.375         02/18/2021         10,000,000.00         1,655         10,000,000.00         1.158         1.174         1,601           3130A7CV5         17388         TREAS         FAC         FEDERAL NATIONAL         05/25/2016         9,882,665.90         1.250         05/06/2021         10,000,000.00         1,655         10,000,000.00         1.502         1.523         1,678           3135G0K69         17402         TREAS         FAC         FEDERAL NATIONAL         09/28/2016         25,131,222.92         1.250         05/06/2021         25,000,000.00         1.681         25,000,000.00         1.218         1.235         1,678           3130A1W95         17386         TREAS         FAC         FEDERAL HOME LOAN         07/15/2016         31,425,472.76         2.250         06/11/2021         30,000,000.00         1.233         1.250         1,714           313379RB7         17392         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         10,000,000.00         1,289         1.233         1.250         1,714           3130A8QS5         17389         T	3130A7CV5	17376	TREAS	FAC FEDERAL HOME LOAN	05/20/2016	4,980,564.49	1.375	02/18/2021	5,000,000.00	1,735	5,000,000.00	1.447	1.467	1,601
3135G0K69         17380         TREAS         FAC         FEDERAL NATIONAL         05/25/2016         9,882,665.90         1.250         05/06/2021         10,000,000.00         1.807         10,000,000.00         1.502         1.523         1,678           3135G0K69         17402         TREAS         FAC         FEDERAL NATIONAL         09/28/2016         25,131,222.92         1.250         05/06/2021         25,000,000.00         1.681         25,000,000.00         1.218         1.235         1,678           3135G0K69         17402         TREAS         FAC         FEDERAL NATIONAL         09/28/2016         25,131,222.92         1.250         05/06/2021         25,000,000.00         1.681         25,000,000.00         1.218         1.235         1,678           3130A1W95         17386         TREAS         FAC         FEDERAL HOME LOAN         07/15/2016         31,425,472.76         2.250         06/11/2021         30,000,000.00         1,792         30,000,000.00         1.233         1.250         1,714           313379RB7         17392         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         10,000,000.00         1,227         1.244         1,747           3130A8QS5	3130A7CV5	17379	TREAS	FAC FEDERAL HOME LOAN	05/25/2016	9,951,050.96	1.375	02/18/2021	10,000,000.00	1,730	10,000,000.00	1.471	1.491	1,601
3135G0K69         17402         TREAS         FAC         FEDERAL NATIONAL         09/28/2016         25,131,222.92         1.250         05/06/2021         25,000,000.00         1.681         25,000,000.00         1.218         1.235         1.678           3130A1W95         17386         TREAS         FAC         FEDERAL HOME LOAN         07/15/2016         31,425,472.76         2.250         06/11/2021         30,000,000.00         1,792         30,000,000.00         1.233         1.250         1,714           313379RB7         17392         TREAS         FAC         FEDERAL HOME LOAN         08/17/2016         10,291,915.80         1.875         06/11/2021         10,000,000.00         1,759         10,000,000.00         1.289         1.307         1,714           3130A8QS5         17389         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         15,000,000.00         1.227         1.244         1,747	3130A7CV5	17388	TREAS	FAC FEDERAL HOME LOAN	08/08/2016	10,085,486.94	1.375	02/18/2021	10,000,000.00	1,655	10,000,000.00	1,158	1.174	1,601
3130A1W95         17386         TREAS         FAC         FEDERAL HOME LOAN         07/15/2016         31,425,472.76         2.250         06/11/2021         30,000,000.00         1.792         30,000,000.00         1.233         1.250         1,714           3130A1W95         17386         TREAS         FAC         FEDERAL HOME LOAN         07/15/2016         31,425,472.76         2.250         06/11/2021         30,000,000.00         1.792         30,000,000.00         1.233         1.250         1,714           3130A8QS5         17389         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         15,000,000.00         1.289         1.307         1.714	3135G0K69	17380	TREAS	FAC FEDERAL NATIONAL	05/25/2016	9,882,665.90	1.250	05/06/2021	10,000,000.00	1,807	10,000,000.00	1.502	1.523	1,678
313379RB7         17392         TREAS         FAC         FEDERAL HOME LOAN         08/17/2016         10,291,915.80         1.875         06/11/2021         10,000,000.00         1,759         10,000,000.00         1.289         1.307         1,714           313379RB7         17392         TREAS         FAC         FEDERAL HOME LOAN         08/17/2016         10,291,915.80         1.875         06/11/2021         10,000,000.00         1,759         10,000,000.00         1.289         1.307         1,714           3130A8QS5         17389         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         15,000,000.00         1.289         1.227         1.244         1,747	3135G0K69	17402	TREAS	FAC FEDERAL NATIONAL	09/28/2016	25,131,222.92	1.250	05/06/2021	25,000,000.00	1,681	25,000,000.00	1.218	1.235	1,678
3130A8QS5         17389         TREAS         FAC         FEDERAL HOME LOAN         08/08/2016         14,928,592.57         1.125         07/14/2021         15,000,000.00         1.801         15,000,000.00         1.227         1.244         1.747	3130A1W95	17386	TREAS	FAC FEDERAL HOME LOAN	07/15/2016	31,425,472.76	2.250	06/11/2021	30,000,000.00	1,792	30,000,000.00	1.233	1.250	1,714
	313379RB7	17392	TREAS	FAC FEDERAL HOME LOAN	08/17/2016	10,291,915.80	1.875	06/11/2021	10,000,000.00	1,759	10,000,000.00	1.289	1.307	1,714
3130A8QS5 17399 TREAS FAC FEDERAL HOME LOAN 08/29/2016 3,925,149.80 1.125 07/14/2021 3,955,000.00 1,780 3,955,000.00 1.301 1.319 1,747	3130A8QS5	17389	TREAS	FAC FEDERAL HOME LOAN	08/08/2016	14,928,592.57	1.125	07/14/2021	15,000,000.00	1,801	15,000,000.00	1.227	1.244	1,747
	3130A8QS5	17399	TREAS	FAC FEDERAL HOME LOAN	08/29/2016	3,925,149.80	1.125	07/14/2021	3,955,000.00	1,780	3,955,000.00	1.301	1.319	1,747

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			Sec.	Purchase	Book (	urrent	Maturity	Maturity	Total	Par		/TM	Days to
CUSIP	investment #	Fund	Type Issuer	Date	Value	Rate	Date	Amount	Days	Value	360	365	Maturity
3130A8QS5	17400	TREAS	FAC FEDERAL HOME LOAN	09/13/2016	14,884,818,46	1.125	07/14/2021	15,000,000.00	1,765	15,000,000.00	1.313	1,331	1,747
3130A8QS5	17403	TREAS	FAC FEDERAL HOME LOAN	09/28/2016	9,969,807.03	1.125	07/14/2021	10,000,000.00	1,750	10,000,000.00	1.223	1.240	1,747
594918BP8	17394	TREAS	MTN MICROSOFT	08/22/2016	14,999,211.13	1.550	08/08/2021	15,000,000.00	1,812	15,000,000.00	1.543	1.564	1,772
14912L6U0	17401	TREAS	MTN CATERPILLAR	09/16/2016	15,154,829.23	1.700	08/09/2021	15,294,000.00	1,788	15,294,000,00	1.909	1.935	1,773
3137EAEC9	17393	TREAS	FAC FEDERAL HOME	08/17/2016	9,908,891.19	1.125	08/12/2021	10,000,000.00	1,821	10,000,000.00	1.304	1.322	1,776
3135G0N82	17396	TREAS	FAC FEDERAL NATIONAL	08/29/2016	9,982,946.27	1.250	08/17/2021	10,000,000.00	1,814	10,000,000.00	1.276	1.294	1,781
3135G0N82	17397	TREAS	FAC FEDERAL NATIONAL	08/29/2016	9,962,322.11	1.250	08/17/2021	10,000,000.00	1,814	10,000,000.00	1.319	1.337	1,781
3135G0N82	17398	TREAS	FAC FEDERAL NATIONAL	08/29/2016	9,952,795.71	1.250	08/17/2021	10,000,000.00	1,814	10,000,000.00	1.339	1.358	1,781
			Subtotal	and Average	2,608,115,344.06			2,596,508,638.21		2,596,508,638.21	1.394	1.414	787
			Net Maturities	and Average	2,608,115,344.06			2,596,508,638.21		2,596,508,638.21	1.394	1.414	787

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Page 7



# Quarterly Economic and Market Update

September 2016



ltem	9/30/2016	6/30/2016	Change
U.S. Payrolls Monthly Change	156,000	271,000	-115,000
Unemployment Rate	5.0%	4.9%	0.1%
Labor Force Participation	62.9%	62.7%	0.2%
Effective Fed Funds Rate	0.29%	0.30%	-0.01%
Next Fed Funds Hike**	Apr 2017	Jul 2018	-15 Months
3 Month T-Bill	0.276%	0.261%	0.015%
2 Year T-Note	0.764%	0.584%	0.180%
3 Year T-Note	0.876%	0.694%	0.182%
5 Year T-Note	1.150%	1.000%	0.150%
10 Year T-Note	1.595%	1.471%	0.124%
U.S. Fed Debt Avg Yield*	2.040%	2.029%	0.011%
30 Year Mortgage Rate	3.34%	3.530%	-0.19%
1-5 Yr Agency Spread	0.13%	0.14%	-0.01%
1-5 Yr Corporate Spread	0.75%	0.840%	-0.09%
Dow Jones	18,308	17,930	2.1%
S&P 500	2,168	2,099	3.3%
Consumer Price Index YOY*	1.1%	1.0%	0.1%
U.S. Avg Regular Unleaded	\$2.22	\$2.28	-\$0.06
Retail Sales YOY*	2.0%	2.8%	-0.8%
Case-Shiller Home Prices YOY*	5.0%	5.2%	-0.2%
Gold (per ounce)	\$1,315.87	\$1,321.90	-\$6.03
Dollar Index	95.46	96.14	-0.68
Consumer Confidence	104.10	97.40	6.70

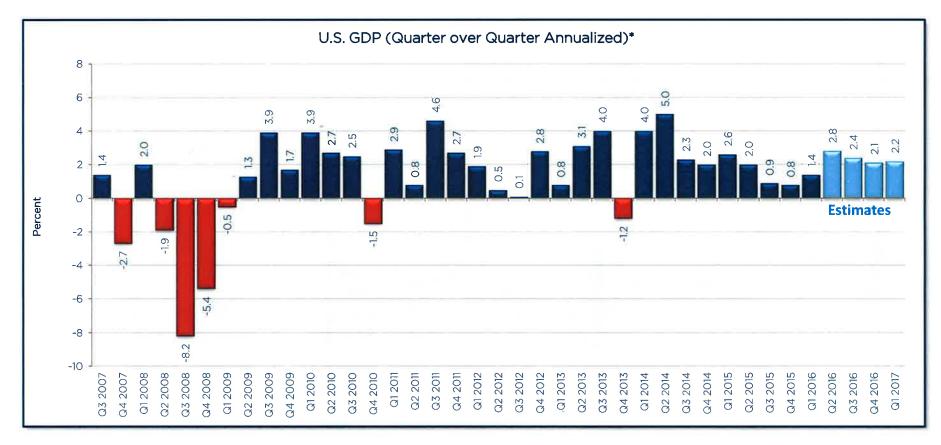
\*Estimates for the current quarter/month, some data are lagged

Sources: FTN Main Street and Bloomberg

\*\*Next Projected Fed Funds Hike is first month Fed Funds Futures are .625% or higher



# Economic and Market Update 9/30/2016

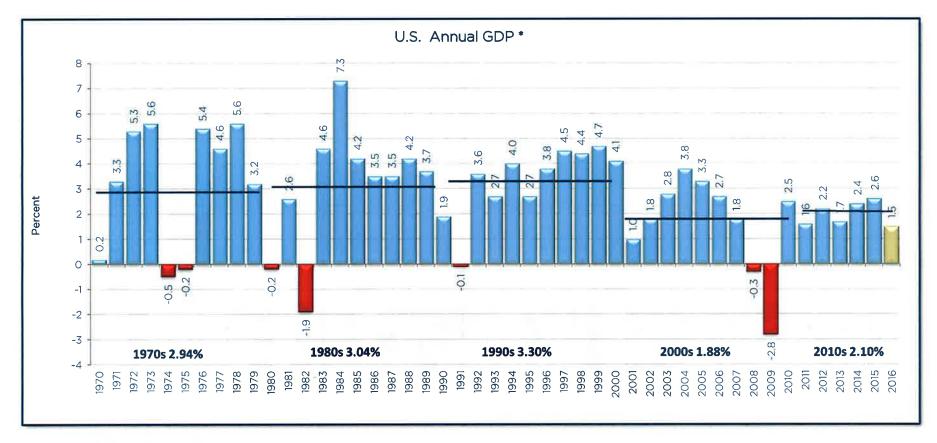


\* Real Rate (Inflation Adjusted)

Source: Bureau of Economic Analysis

Estimate: Bloomberg's Survey of Economists As of: 9/30/16





\* Real Rate (Inflation Adjusted)

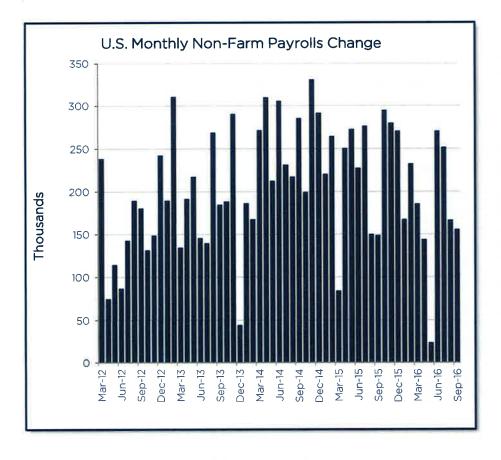
Source: Bureau of Economic Analysis

Estimate: Bloomberg's Survey of Economists

As of: 9/30/16



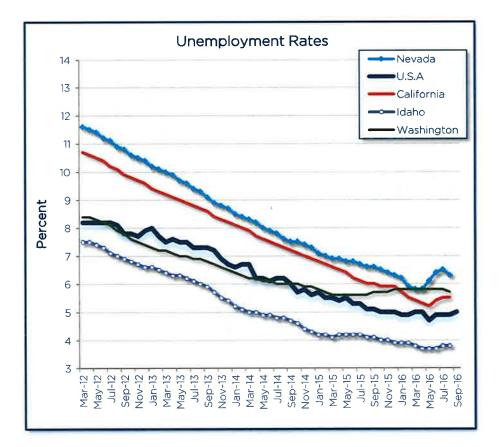
### Economic and Market Update 9/30/2016



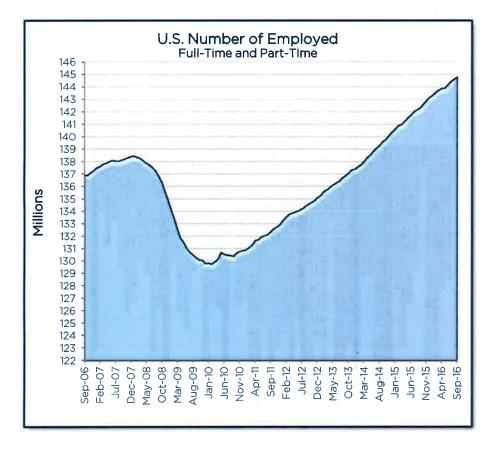
12 Month Average Job Change

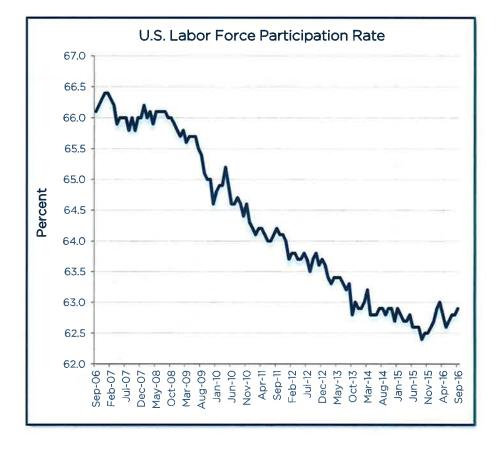
203,917

Source: Bureau of Labor Statistics





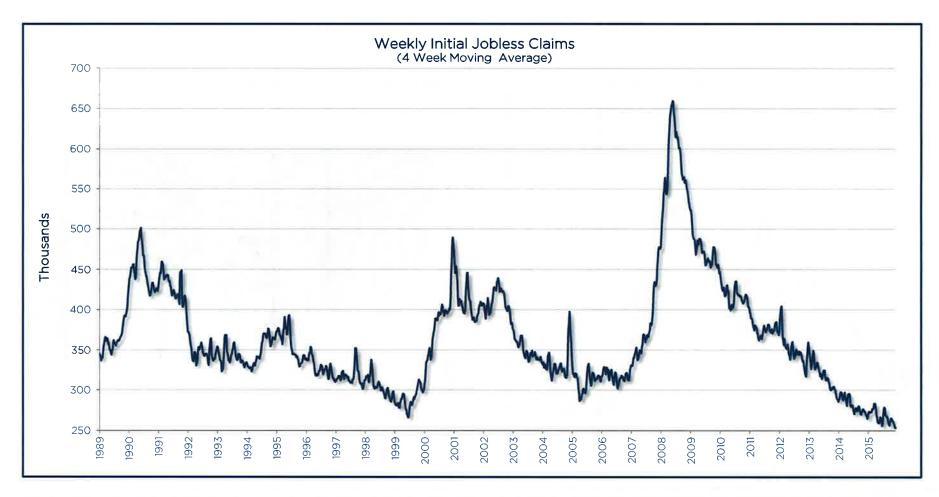




Source: Bureau of Labor Statistics



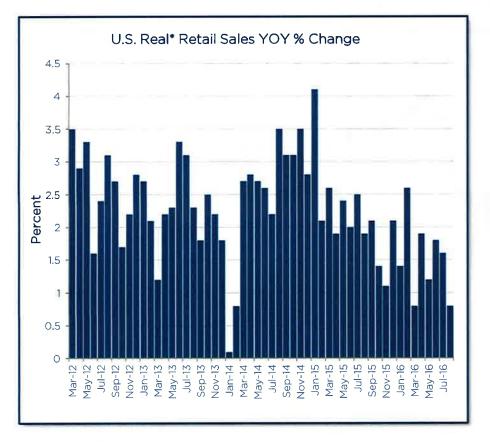
### Economic and Market Update 9/30/2016



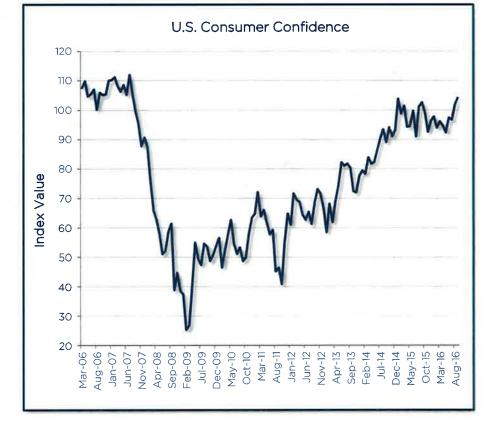
Weekly Initial Jobless Claims is the actual number of people who have filed for Unemployment benefits for the first time. The following five eligibility criteria must be met in order to file for unemployment benefits: 1, Meet the requirements of time worked during a 1 year period (full time or not). 2. Become unemployed through no fault of your own (cannot be fired), 3, Must be able to work; no physical or mental holdbacks. 4. Must be available for work. 5, Must be actively seeking work.

Source: Department of Labor and Bloomberg





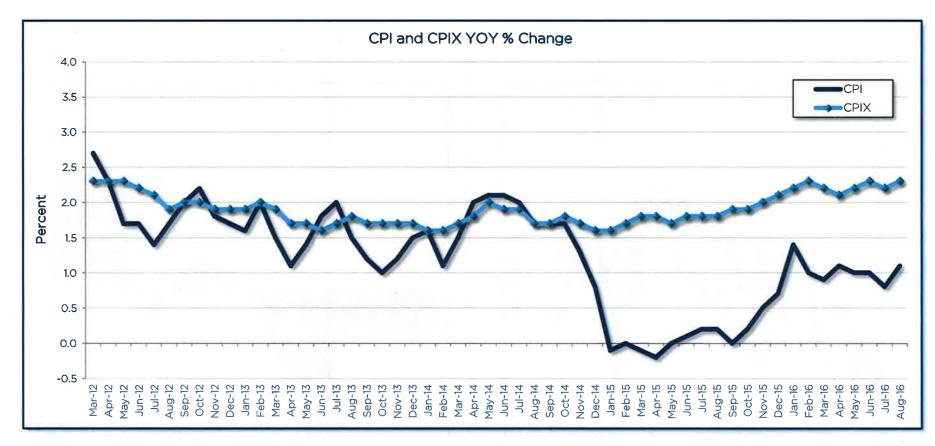
\*Real: Inflation Adjusted



Source: Conference Board

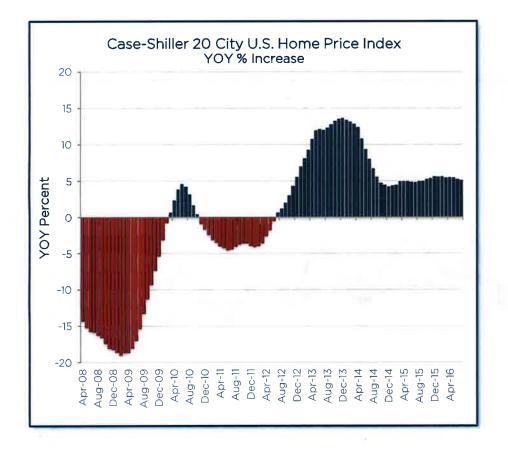


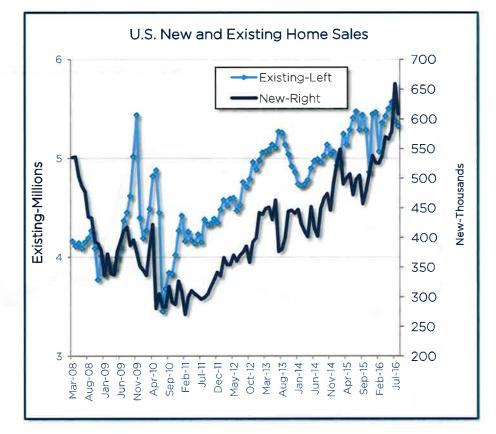
# Economic and Market Update 9/30/2016



\*CPIX: Consumer Price Index, excluding food and energy





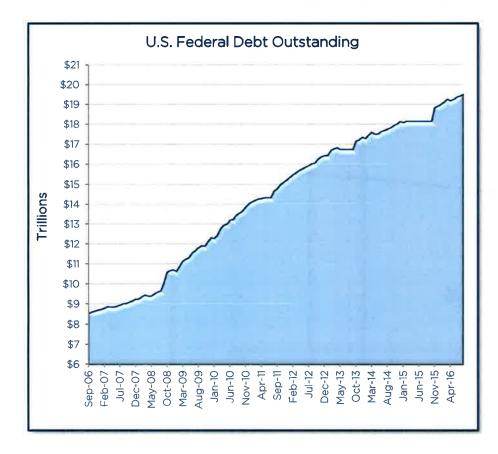


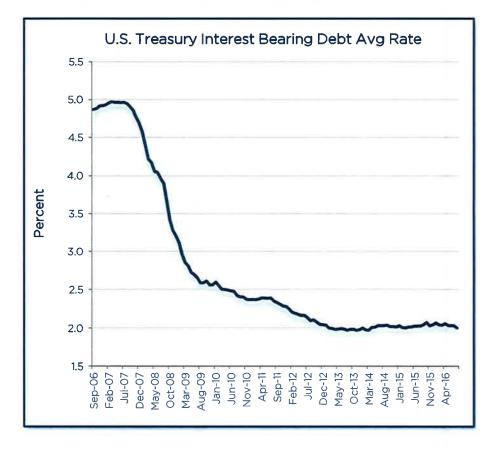
Sources: New (U.S. Census Bureau),Existing (National Assoc. of Realtors) Seasonally Adjusted Annual Rate

Source: Case-Shiller



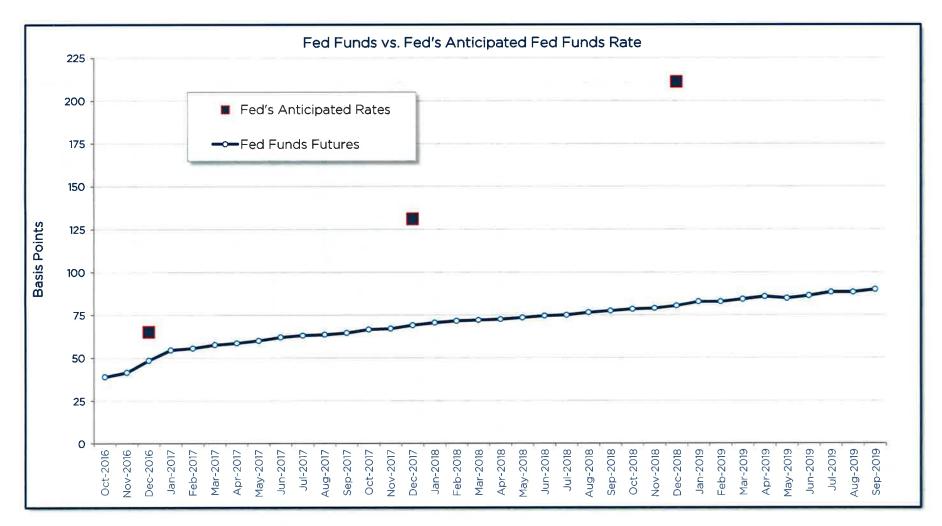
## Economic and Market Update 9/30/2016





Source: U.S. Treasury





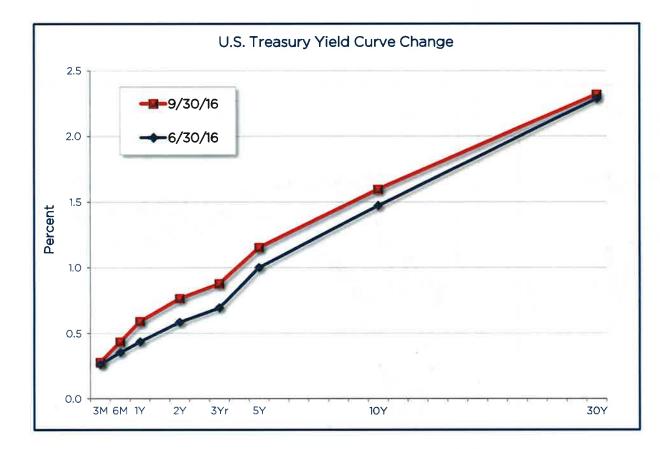
Fed Funds Anticipated Rate from the June 15, 2016 FOMC Meeting

Source: Bloomberg



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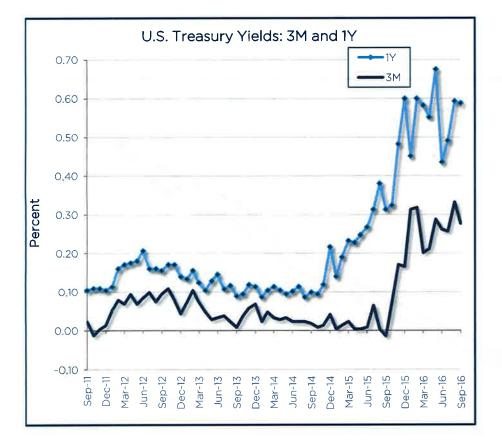
# Economic and Market Update 9/30/2016

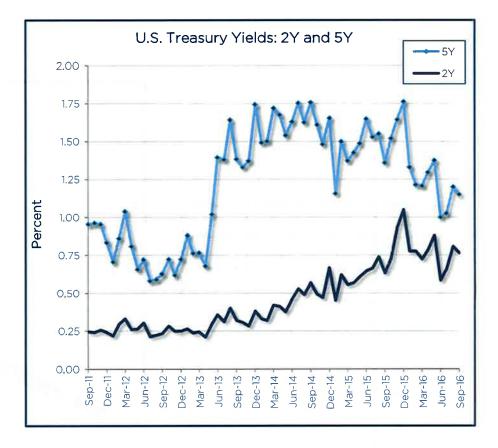


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Maturity	6/30/16	9/30/16	Change
3M	0.26	0.28	0.02
6M	0.35	0.43	0.08
1Y	0.44	0.59	0.15
2Y	0.58	0.76	0.18
3Y	0.69	0.88	0.18
5Y	1.00	1.15	0.15
10Y	1.47	1.60	0.12
30Y	2.29	2.32	0.03



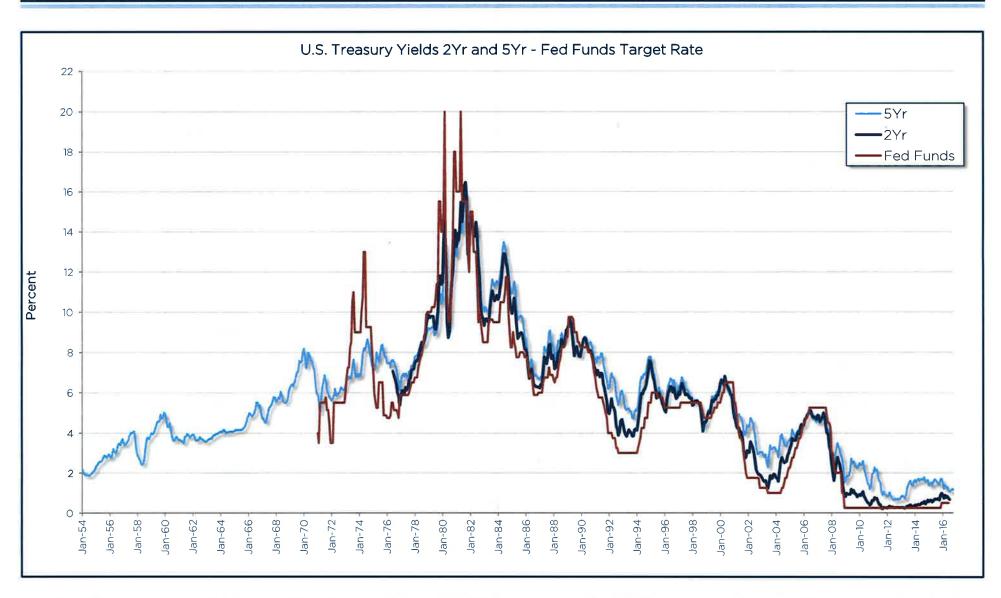






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# Economic and Market Update 9/30/2016

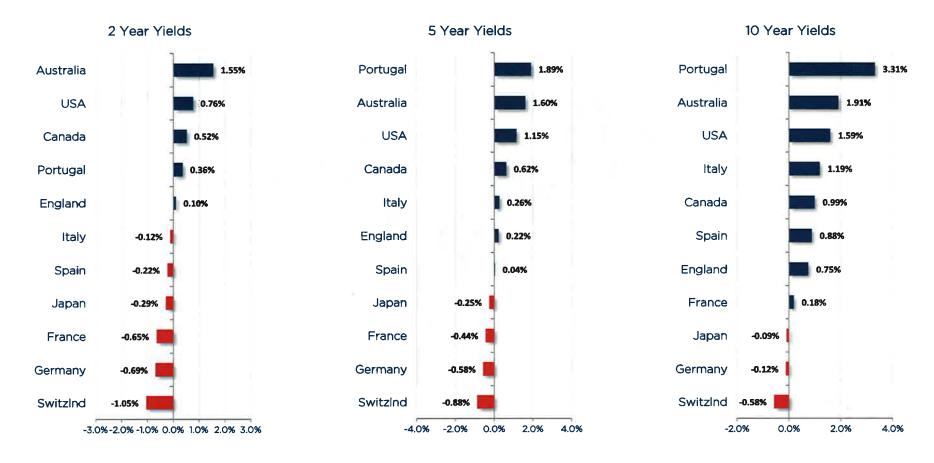


Source: Bloomberg



## Economic and Market Update 9/30/2016

**Global Treasury Rates** 



Source: Bloomberg

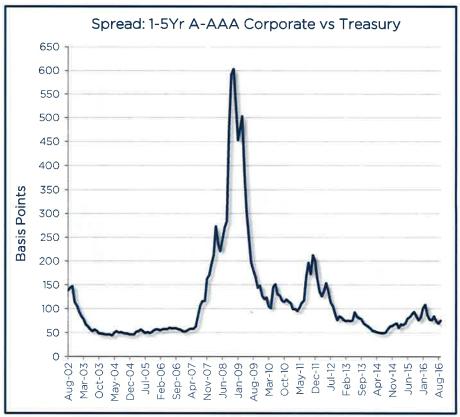


#### Economic and Market Update 9/30/2016



Current Spread is 13

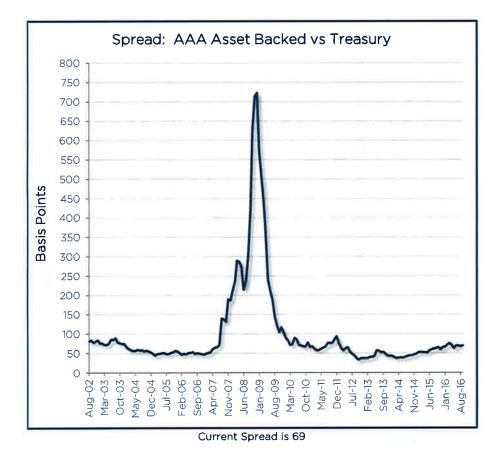
\*BofA/Merrill Index (option adjusted spread vs. Treasury) Agency (GVPO)



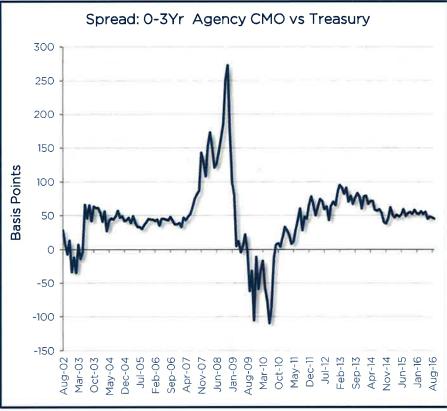
Current Spread is 75

\*BofA/Merrill Index (option adjusted spread vs. Treasury) Corporate A-AAA (CV10)





\*BofA/Merrill Index (option adjusted spread vs. Treasury) AAA Rated ABS (ROA1)



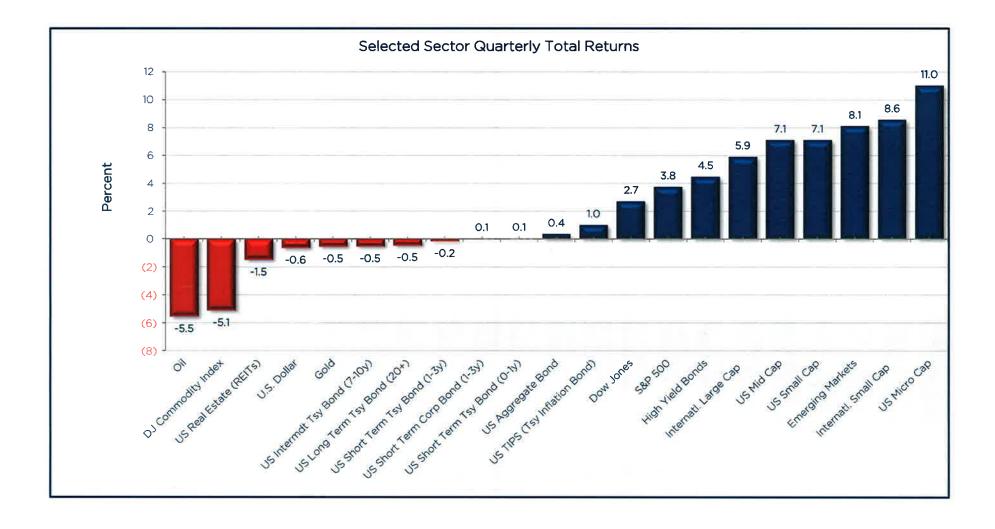
Current Spread is 45

\*BofA/Merrill Index (option adjusted spread vs. Treasury) CMO Agency 0-3Yr PAC (CM1P)

#### Source: Bank of America Merrill Lynch Indicies

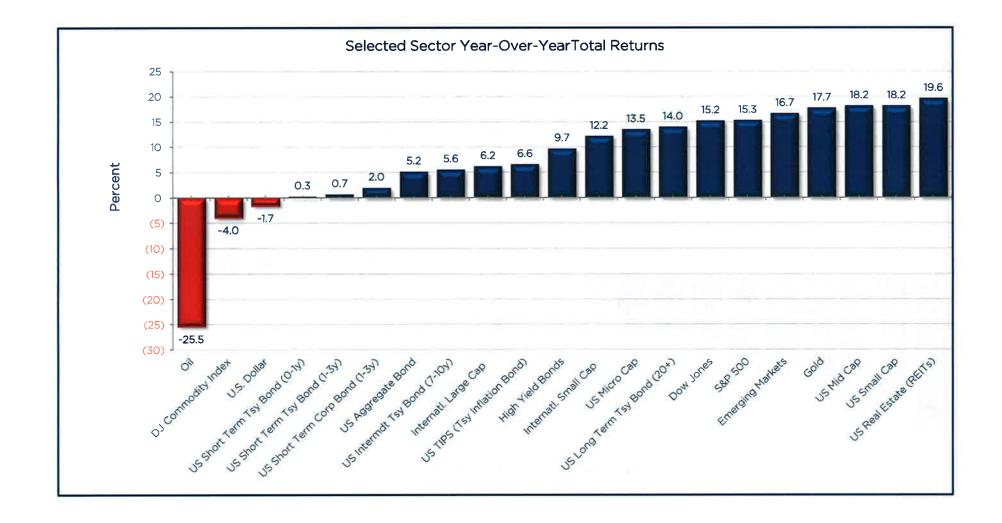


# Economic and Market Update 9/30/2016



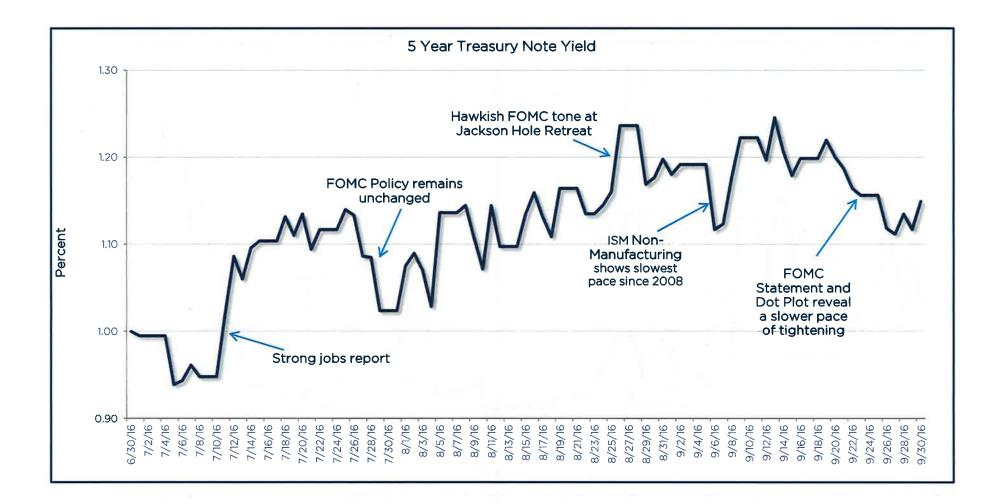
Source: Bloomberg





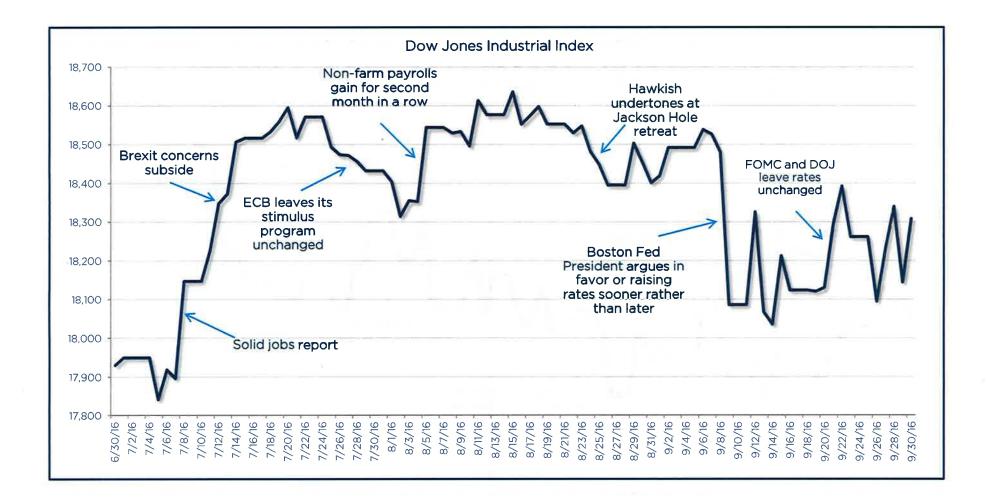


# Economic and Market Update 9/30/2016



Sources: Bloomberg, FTN Main Street





Sources: Bloomberg, FTN Main Street

# Disclosure



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# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: Dec	ember 13, 2016
SUBJECT:	Consideration to Approve Quarterly Budget Transfers and Adjustments Report	ITEM NO.	16-141G
EXHIBIT:	Budget Transfers and Adjustments		

# Background:

The enclosed Budget Transfers and Adjustments Report reflects budget adjustments through the period ending September 30, 2016. The adjustments represent changes to meet the ongoing needs of the district, including categorically funded programs, educational needs of the campuses, and new grants and agreements.

### Recommendation:

In accordance with Board Policy 6250, administration recommends the Board of Trustees approve the September 30, 2016, Budget Transfers and Adjustments Report.

#### STATE CENTER COMMUNITY COLLEGE DISTRICT GENERAL FUND - ALL FUNDING Revenue Budget Adjustments/Transfers As of 09/30/16

			Adopted Budget		Budget Transfers		Current Budget
81000	FEDERAL REVENUES		<u> </u>	,			
81200	Higher Education Act	\$	7,575,474	\$	-	\$	7,575,474
81300	Job Training Partnership Act		25,000		-		25,000
81400	TANF		278,250		-		278,250
81500	Student Financial Aid		273,038		-		273,038
81600	Veteran's Education		25,205		-		25,205
81700	Vocational Appl Tech Ed Act		1,602,611		-		1,602,611
81990	Other Federal Revenues		2,587,677		104,549		2,692,226
	Total		12,367,255		104,549		12,471,804
86000	STATE REVENUES						
86100	General Apportionments		91,525,402		(62,446)		91,462,956
86200	Categorical Apportionments		49,734,937		(8,079)		49,726,858
86300	EPA Prop 30		25,000,000		-		25,000,000
86500	Categ Program Allowances		8,008,718		77,870		8,086,588
86700	Tax Relief Subventions		300,000		-		300,000
86800	State Non-Tax Revenues		8,680,000		-		8,680,000
86900	Other State Revenues		-		-		102 056 400
	Total		183,249,057		7,345		183,256,402
88000	LOCAL REVENUES						
88100	Property Taxes		42,000,000		-		42,000,000
88200	Priv Contr , Gifts/Grants		-		-		
88300	Contract Services		1,578,361		300		1,578,661
88400	Sales		20,450		-		20,450
88500	Rentals & Leases		84,000		-		84,000
88600	Interest & Investment Income		450,000		-		450,000
88700	Student Fees & Charges		9,588,950		-		9,588,950
88800	Student Fees & Charges		3,115,410		-		3,115,410
88900	Other Local Revenues		2,248,287		- 200		2,248,287
	Total		59,085,458		300		59,085,758
	Total General Fund Revenues	\$	254,701,770	\$	112,194	\$	254,813,964
89000	OTHER FIN SOURCES						
89100	Proceeds/Fixed Assets		15,000		-		15,000
89800	Incoming Transfers		964,963		-		964,963
	Total Other Financing Sources	\$	979,963		-	\$	979,963
	Total District Revenues	\$	255,681,733	\$	112,194	\$	255,793,927
		Ψ	_00,001,700	<u> </u>	,	Ψ	200,100,021

#### STATE CENTER COMMUNITY COLLEGE DISTRICT GENERAL FUND - ALL FUNDING Expenditure Budget Adjustments/Transfers As of 09/30/16

91000	ACADEMIC SALARIES	Adopted Budget	Budget Adj/Transfers	Current Budget
91100 91200 91300 91400	Instruction - Reg Contract Non-Instr Reg Contract Hourly Instruction Non-Instr Other Non-Reg Total	\$ 43,072,494 24,541,729 18,324,256 8,849,121 94,787,600	\$ - (65,101) 38,030 (40,928) (67,999)	\$ 43,072,494 24,476,628 18,362,286 8,808,193 94,719,601
92000	CLASSIFIED SALARIES			
92100 92200 92300 92400	Non-Instr Reg Full-Time Instr Aides Hourly Non-Instr Instr Aides-Other Total	33,509,512 2,223,529 4,649,624 3,409,583 43,792,248	(87,122) - 4,558 <u>25,451</u> (57,113)	33,422,390 2,223,529 4,654,182 <u>3,435,034</u> 43,735,135
93000	BENEFITS			
93100 93200 93300 93400 93500 93600 93600 93700 93900	STRS PERS OASDI Health & Welfare SUI Worker's Comp PARS Other Benefits Total	10,978,675 5,245,859 4,306,774 20,105,147 69,810 2,782,401 278,136 75,000 43,841,802	(7,273) (13,055) (7,877) (30,385) (65) (2,032) 1,077 - (59,610)	10,971,402 5,232,804 4,298,897 20,074,762 69,745 2,780,369 279,213 75,000 43,782,192
94000	SUPPLIES & MATERIALS			
94300 94400 94500	Instr Supplies Non-Instr Supplies Media Total	1,556,946 3,096,340 50,065 4,703,351	(29,176) (19,250) <u>28</u> (48,398)	1,527,770 3,077,090 50,093 4,654,953

#### STATE CENTER COMMUNITY COLLEGE DISTRICT GENERAL FUND - ALL FUNDING Expenditure Budget Adjustments/Transfers As of 09/30/16

95000	OTHER OPER EXPENSES		Adopted Budget	A	Budget dj/Transfers		Current Budget
05400					700		
95100	Utilities		5,929,958		700		5,930,658
95200	Rents, Leases and Repairs		4,989,739		43,256		5,032,995
95300	Travel & Conference		5,041,531		61,917		5,103,448
95400	Dues & Memberships		393,353		(2,300)		391,053
95500	Pers. & Cons. Services		21,649,695		129,448		21,779,143
95600	Insurance		1,144,920		-		1,144,920
95700	Advertising & Printing		1,521,130		34,795		1,555,925
95900	Other		1,709,712		25,244		1,734,956
	Total		42,380,038		293,060		42,673,098
96000	CAPITAL OUTLAY						
96200	Site Improvement		30,000		_		30,000
96400	Bldg Renov & Improvements		701,280		(38,400)		662,880
96500	New Equipment		8,395,118		96,127		8,491,245
96800	Library Books		654,202		-		654,202
00000	Total		9,780,600		57,727		9,838,327
	Total General Fund Expenditures	\$	239,285,639	\$	117,667	\$	239,403,306
97000	OTHER OUTGO						
97200	Intrafund Transfers		814,963		-		814,963
97300	Interfund Transfers		11,972,490		-		11,972,490
97400	Other Transfers Out		900,000		-		900,000
97500	Student Financial Aid		78,224		-		78,224
97600	Other Payments/Students		3,257,658		(387)		3,257,271
97900	Contingencies				-		-
	Total Other Outgo	\$	17,023,335	\$	(387)	\$	17,022,948
	Total District Expenditures	\$	256,308,974	\$	117,280	\$	256,426,254
		<b>—</b>		¥	,200	<b>—</b>	200, 120,201

# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Accept Gift/Donation from the Hashimoto Trust	ITEM NO. 16-142G
EXHIBIT:	None	

# Background:

On May 14, 2002, Valerie H. Demaree, a former Reedley College student, passed away. As a part of the dispositive provisions of the Hashimoto Trust, her total estate, currently estimated at \$344,122.15, will be settled and portions will be distributed to several organizations. A portion equal to 20% of the trust estate, approximately \$68,000, will be distributed to Reedley College. It will be used to establish a memorial endowment scholarship in Valerie Hashimoto's name for women who will major in business, preferably accounting. Board Policy 3820 requires that the board take action to accept gifts to the district.

#### Recommendation:

In accordance with Board Policy 3820, administration recommends the Board of Trustees accept the gift/donation from the Hashimoto Trust estate and authorize the chancellor and the executive director of the State Center Community College Foundation to develop a plan to use the funds in a manner consistent with the wishes of Valerie Hashimoto's will.

# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Approve Resolution to Reimburse Measures C and E Funds Expended Prior to Sale of Bonds	ITEM NO. 16-143G
EXHIBIT:	Resolution No. 2016.30	

# Background:

The district's voters approved Measure C, a \$485,000,000 general obligation bond measure on the June 7, 2016 ballot. Measure C would permit the sale of bonds (the "Bonds") to finance capital projects authorized thereby (the "Project(s)"). The district may elect to advance certain of its own funds toward the start of a Project. The district would advance funds on the knowledge that it could be reimbursed for amounts expended on such improvements from the subsequent sale of any Bonds. The Internal Revenue Code has certain requirements that need to be satisfied in order for a community college district to reimburse itself for costs incurred for capital projects in advance of the sale of tax-exempt Bonds. In order to qualify for reimbursement of such costs from the proceeds of a Bond issue, the board must adopt a resolution which satisfies all the requirements of the Internal Revenue Code within 60 days of the date on which the expenditures had been made.

The district's bond counsel has prepared the attached resolution which complies with applicable requirements of the Internal Revenue Code and would allow the district to reimburse itself for such advanced Project costs from the proceeds of the first series of Bonds issued under either measure. The adoption of this resolution does not obligate the district to ever advance its own funds toward Projects. The adoption of this resolution preserves the option for the board to decide at a subsequent date whether or not it would be in the best interests of the district to allocate a portion of any Bond proceeds towards the reimbursement of the monies the district might spend in getting started on Projects to be funded from a future bond issuance.

There is a reference in this resolution to a \$100,000,000 Bond issue. The Internal Revenue Code obligates this resolution to include an estimated size of the borrowing from which the reimbursement will occur. The district is not required to maintain this \$100,000,000 amount. It is included to satisfy a legal requirement and constitutes only a rough estimate of the likely size of a Bond issue that the board may consider. If the board were to sell a larger or a smaller Bond, such decision would not adversely affect its ability to use a portion of the proceeds of such Bond to reimburse the district for these costs.

Item No. 16-143G Page 2

# Recommendation:

In accordance with Board Policies 6100 and 6600, administration recommends the Board of Trustees approve the reimbursement resolution number 2016.30 of the Board of Trustees of the State Center Community College District regarding its intention to issue tax-exempt general obligation bonds.

# STATE CENTER COMMUNITY COLLEGE DISTRICT

# REIMBURSEMENT RESOLUTION OF THE BOARD OF TRUSTEES REGARDING ITS INTENTION TO ISSUE TAX-EXEMPT GENERAL OBLIGATION BONDS

# **RESOLUTION NO. 2016.30**

WHEREAS the State Center Community College District (the "District") has passed a \$485,000,000 general obligation bond election on June 7, 2016 ballot through the adoption of Resolution No. 2016.02 adopted on March 1, 2016 (the "Election Resolution"); and

WHEREAS, the Board of Trustees of the District desires to finance the costs of acquiring, constructing, reconstruction and/or equipping of school facilities as provided in Exhibit B to the Election Resolution (the "Project"); and

WHEREAS, the District intends to finance the acquisition, construction, reconstruction and/or equipping of the Project or portions of the Project with the proceeds of the sale of general obligation bonds or other forms of debt, the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"); and

WHEREAS, prior to the issuance of the Obligations the District desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the District; and

WHEREAS, the Board of Trustees has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the District for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE BOARD OF TRUSTEES OF THE STATE CENTER COMMUNITY COLLEGE DISTRICT DOES HEREBY RESOLVE, ORDER, AND DETERMINE AS FOLLOWS:

<u>SECTION 1</u>. The District hereby states its intention and reasonably expects to reimburse Project costs incurred prior to the issuance of the Obligations with proceeds of the Obligations. Exhibit B of the Election Resolution describes the general character, type, purpose, and function of the Project.

<u>SECTION 2</u>. The reasonably expected maximum principal amount of the Obligations is \$100,000,000.

<u>SECTION 3</u>. This resolution is being adopted not later than 60 days after the payment of the original Expenditures (the "Expenditures Dates or Dates").

<u>SECTION 4</u>. The District will make a reimbursement allocation, which is a written allocation that evidences the District's use of proceeds of the Obligations to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Project is placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. If both the District and a licensed architect or engineer certify that at least 5 years is necessary to complete construction of the Project, the maximum reimbursement period is changed from 3 years to 5 years.

<u>SECTION 5</u>. Each Expenditure will be either (a) of a type properly chargeable to a capital account under general federal income tax principles (determined in each case as of the date of the Expenditure), (b) a cost of issuance with respect to the Obligations, (c) a nonrecurring item that is not customarily payable from current revenues, or (d) a grant to a party that is not related to or an agent of the District so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of the District.

<u>SECTION 6</u>. This resolution is consistent with the budgetary and financial circumstances of the District, as of the date hereof. No moneys from sources other than the Obligations are, or are reasonably expected to be reserved, allocated on a long-term basis, or otherwise set aside by the District (or any related party) pursuant to their budget or financial policies with respect to the Project costs. To the best of our knowledge, this Board is not aware of the previous adoption of official intents by the District that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

<u>SECTION 7</u>. This resolution is adopted as official action of the District in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of District expenditures incurred prior to the date of issue of the Obligations.

<u>SECTION 8</u>. The limitations described in Section 3 and Section 4 do not apply to (a) costs of issuance of the Obligations, (b) an amount not in excess of the lesser of \$100,000 or five percent (5%) of the proceeds of the Obligations, or (c) any preliminary expenditures, such as architectural, engineering, surveying, soil testing, and similar costs other than land acquisition, site preparation, and similar costs incident to commencement of construction, not in excess of twenty percent (20%) of the aggregate issue price of the Obligations that finances the Project for which the preliminary expenditures were incurred.

SECTION 9. All the recitals in this resolution are true and correct and this Board of Trustees so finds, determines and represents.

ADOPTED, SIGNED AND APPROVED this 13th day of December, 2016

# STATE CENTER COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES

By \_\_\_\_\_Board President

ATTEST:

\_\_\_\_\_, do hereby certify that the foregoing is a true and correct I, copy of Resolution No. 2016.30 which was duly adopted by the Board of Trustees of the State Center Community College District at meeting thereof held on the 13<sup>th</sup> day of December, 2016, and that it was so adopted by the following vote:

AYES: \_\_\_\_\_ ABSENT: \_\_\_\_ ABSTAIN: \_\_\_\_

By \_\_\_\_\_Board Secretary

# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Approve Qualified List for Architectural Services, Districtwide	ITEM NO. 16-144G
EXHIBIT:	None.	

### Background:

The successful passage of Measure C in June provides the opportunity to update our list of qualified and approved architectural firms for the district capital construction program. This capital construction program will provide new, upgraded and modernized facilities throughout the district all of which will require architectural services. These architectural services are required for campus planning, to develop project designs, construction drawings, bidding packages and other related services for each of the capital projects. Because of the significant amount of architectural work needed, administration determined that the district should strive to award contracts to a variety of architectural firms based upon their specialties and competencies and to allow for completion of projects concurrently with completion of the overall program in the shortest time possible.

Request for Qualifications #1617-01 for Architectural Services Districtwide was publicly advertised to allow the district to establish a pool of qualified architectural firms from which to select and award agreements for architectural services. Eighteen firms responded to the solicitation by submitting their qualifications. Proposals were evaluated for responsiveness, thoroughness of the submission, specialty experience and relevant experience of the firm and its consultants, experience with California community colleges, other educational institutions and state agencies, references, and the ability to perform competitively within the boundaries of the district. Based upon these evaluations, seventeen firms are recommended to be placed in the pool to perform architectural services for the capital construction program of the district. These firms are as follows:

BCA Architects Darden Architects Dyson Siegrist Janzen Architects, Inc. ELS Architect and Urban Design IBI Group Architecture Planning Integrated Design by SOMAM, Inc. Klassen Corporation Little Diversified Architectural Consulting LPAS Architecture + Design Muratore Associates, Inc. Sacramento, Calif. Fresno, Calif. Fresno, Calif. Berkeley, Calif. San Luis Obisbo, Calif. Fresno, Calif. Bakersfield, Calif. Newport Beach, Calif. Sacramento, Calif. Fresno, Calif. Item No. 16-144G Page 2

Paul Halajian Architects	Fresno, Calif.
PMSM Architects	San Luis Obispo, Calif.
S.I.M. Architects and PBK Architects	Fresno, Calif.
TAM+CZ Architects, LLP	Fresno, Calif.
Teter, LLP	Fresno, Calif.
The Taylor Group Architects of California, Inc.	Fresno, Calif.
WLC Architects, Inc.	Berkeley, Calif.

The district does not guarantee that all firms within the pool will be engaged for a project or projects. As each new project commences, separate agreements will be recommended for award to one of the architectural firms within the pool based upon the best match of qualifications, experience, skills, and acceptable contract terms. It is anticipated that this list of qualified architects will remain active for a period of five years. This approved list does not preclude the selection of architects outside of the list for specialty projects, additional needs, or for firms not available at this time.

### Fiscal Impact:

None at this time. Separate architectural agreements will be issued on a project by project basis from the approved pool of qualified architects.

#### **Recommendation:**

In accordance with Board Policies 6340 and 6600, administration recommends the Board of Trustees approve the qualified list of architects for the capital construction program of the district.

# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED	TO BOARD OF TRUSTEES	DATE: De	ecember 13, 2016
SUBJECT:	Consideration to Approve Qualified List for Environmental Consultant Services, Districtwide	ITEM NO.	16-145G
EXHIBIT:	None.		

# Background:

With the passage of the Measure C general obligation bond, it is appropriate to secure the services of consultants for the purpose of environmental review for the capital projects program. Based upon the scopes of the pending projects and the extent of environmental work required to comply with the California Environmental Quality Act (CEQA), consultant services will be necessary to prepare required environmental assessments and/or special studies in support of the projects.

Request for Qualifications (RFQ) #1617-04 for Environmental Consultants, Districtwide, was publically advertised to allow the district to establish a pool of qualified firms from which to select and award agreements for environmental services. Three firms responded to the solicitation by submitting qualifications. Proposals were evaluated for responsiveness; thoroughness of the submission; specialty experience and relevant experience of the firm; experience with California community colleges, other educational institutions, and state agencies; references; and the ability to perform competitively within the boundaries of the district. Based upon these evaluations, all three firms are recommended to be placed in the pool to perform environmental services for the capital construction program of the district. These firms are as follows:

Krazan & Associates, Inc.	Clovis, Calif.
Odell Planning & Research, Inc.	Oakhurst, Calif.
Quad Knopf, Inc.	Fresno, Calif.

The district does not guarantee that all firms within the pool will be engaged for a project or projects. As each new project is started, a separate agreement will be recommended for award to one of the environmental consultant firms within the pool, based upon the best match of qualifications, experience, skills, availability, and acceptable contract terms. It is anticipated that this list of approved environmental consultants will remain active for a five year period. This approved list does not preclude the selection of consultants outside of the approved list.

Item No. 16-145G Page 2

# Fiscal Impact:

None at this time. Separate agreements will be issued on a project-by-project basis from the approved pool of qualified environmental consultants.

# Recommendation:

In accordance with Board Policies 6340 and 6600, administration recommends the Board of Trustees approve the qualified list of environmental services consultants for the capital construction program of the district.

# STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED	TO BOARD OF TRUSTEES	DATE:	December 13, 2016
SUBJECT:	Consideration to Adopt Resolution Authorizing Issuance of Credit Cards for Co-Curricular Activities, Clovis Community College	ITEM NO	). 16-146G
EXHIBIT:	Resolution No. 2016.31		

### Background:

At the June 2, 2015 meeting, the Board of Trustees authorized the establishment of bank accounts for Clovis Community College. Clovis Community College now has a need for credit cards for cocurricular activities. Clovis Community College is establishing a \$30,000 dollar limit and each card will not exceed a \$5,000 limit.

### Recommendation:

In accordance with Board Policy 6100, administration recommends the Board of Trustees adopt Resolution 2016.31 authorizing the issuance of credit cards for co-curricular activities, Clovis Community College.

#### STATE CENTER COMMUNITY COLLEGE DISTRICT RESOLUTION NO. 2016.31

#### AUTHORIZING THE ESTABLISHMENT OF TREASURY MANAGEMENT SERVICES WITH ACH ORIGINATION FOR CLOVIS COMMUNITY COLLEGE

WHEREAS, the Board of Trustees of the State Center Community College District previously authorized the establishment of four bank accounts for Clovis Community College with Central Valley Community Bank.

WHEREAS, Clovis Community College (SCCCD) is in need of credit cards for co-curricular activities from Central Valley Community Bank. The Vice President of Administrative Services will be Administrator as outlined in the Credit Card Agreement and updated as necessary. In addition, the Vice President of Administrative Services is authorized to open and close cardholder accounts and make necessary changes.

WHEREAS, Clovis Community College (SCCCD) requests to enter into an agreement for credit cards with Central Valley Community Bank.

NOW, THEREFORE, BE IT RESOLVED, the employees named within this resolution below have been duly authorized, are now acting, and are authorized to enter into an agreement for credit cards with Central Valley Community Bank.

- 1. Vice President of Administrative Services, Clovis Community College; and
- 2. Vice Chancellor of Finance and Administration, SCCCD

The foregoing Resolution was adopted upon motion of Trustee \_\_\_\_\_\_, seconded by Trustee \_\_\_\_\_\_, at a regular meeting of the Board of Trustees of the State

Center Community College District on this 13th day of December 2016, by the following vote:

AYES: \_\_\_\_\_ NOES: \_\_\_\_\_ ABSENT: \_\_\_\_\_ ABSTAIN: \_\_\_\_\_

Board of Trustees Secretary State Center Community College District

PRESENTED TO BOARD OF TRUSTEES		DATE: <u>Dece</u>	ember 13, 2016
SUBJECT: Consideration to Approve Grant Agreements		ITEM NO.	16-147G
EXHIBIT:	Grant Agreement Recommendations		

#### Recommendation:

In accordance with Board Policy 3280, administration recommends the Board of Trustees:

- a) approve the grant agreement recommendations, items A through D, as presented;
- b) authorize renewal of the grant agreements with similar terms and conditions; and
- c) authorize the chancellor or vice chancellor of finance and administration to sign the grant agreements on behalf of the district.

#### **GRANT AGREEMENT RECOMMENDATIONS**

Recommendation to approve the following grant agreements:

- A. <u>Peace Officer Standards and Training</u> Agency: Commission on Peace Officer Standards and Training Agreement Term: July 1, 2016 – June 30, 2017 District Location: Fresno City College Total Funding Amount: \$419,148 Background: Fresno City College has been awarded grant funding from the Commission on Peace Officer Standards and Training (POST). Funding from POST will provide the continuation of the Robert Presley Institute of Criminal Investigations (ICI) course training presentations (criminal investigation, auto theft, gang investigation, and narcotics) conducted by the Fresno City College Police Academy.
- B. Career Advancement Academy

Agency: West Hills Community College District Agreement Term: July 1, 2016 – June 30, 2018 District Location: Districtwide Total Funding Amount: \$216,000

Background: The district has received a subcontractor renewal agreement from West Hills Community College District to continue funding of the Career Advancement Academy Program. West Hills CCD, as acting fiscal agent, has been awarded a grant from the California Community Colleges Chancellor's Office. The funding will continue to provide the undereducated/underemployed youth and young adults opportunities to increase their performance levels in reading, writing, and mathematics and to obtain career technical training skills that will lead to careers and additional higher education opportunities.

C. A Taste of California Focusing on Specialty Crops

Agency: California Department of Food and Agricultural

Agreement Term: October 1, 2016 – March 31, 2019

District Location: Center for International Trade Development

Total Funding Amount: \$449,956

Background: The Center for International Trade Development received an amended agreement from the California Department of Food and Agricultural. The additional funding in the amount of \$8,950 will be used to enhance the competiveness of specialty crop through increased sales. The buying trade missions will feature buyer and seller meeting, chef demonstrations and media tours.

D. Innovation & Effectiveness Grant

Agency: Santa Clarita Community College District Agreement Term: January 1, 2017 – December 31, 2017 District Location: Districtwide Total Funding Amount: \$200,000

Background: The district has received a new subcontractor agreement from Santa Clarita Community College District as acting fiscal agent. The new funding is initiated from the California Community College Chancellor's Office to help advance colleges institutional effectiveness, and in the process significantly reduce the number of accreditation sanctions and audit issues, and most importantly, enhance the system's ability to serve students effectively. The funding will be used to support the District's Institutional Innovation and Effectiveness Plan (IIEP) by purchasing software and licenses for the district's data warehouse, provide training and materials for the professional development and training plan.

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Authorize Agreement for Clinical Simulation Mannequins, Madera Community College Center	ITEM NO. 16-148G
EXHIBIT:	None	

#### Background:

The Madera Community College Center has identified an immediate need for a clinical simulation mannequin necessary for instructional purposes in the Licensed Vocational Nursing (LVN) and the LVN to RN nursing program. This SimMan Essential Manikin with accessories is an advanced patient simulator that can display both neurological and physiological symptoms. This training device includes various software modules and simulation packages that increase the versatility of the available training. This technology is a key component of clinical nursing instruction and SimMan devices, available only through Laerdal Medical Corporation, have been used exclusively by the district for a number of years. This purchase also includes installation, training, and a three year warranty.

The Foundation for California Community Colleges has recently added Master Agreement #CB 16-203 to their list of available suppliers. Administration has identified this agreement to allow for the piggyback purchase of the SimMan products and related accessories for the Madera Center and any other locations across the district. This agreement has the advantage of increased discounts due to the combined purchasing power of multiple participating public agencies. Funding for the purchase of the mannequin and accessories for the Madera Community College Center will be from the California Career Pathways Trust Grant. Any additional purchases against this agreement will be from previously approved general fund and categorical budgets.

Fiscal Impact: \$95,259.89.00 - California Career Pathways Trust Grant

#### Recommendation:

In accordance with Board Policy 6340, it is recommended that the Board of Trustees approve participation in Foundation for California Community Colleges Master Agreement #CB 16-203 for the purchase of clinical simulation mannequins and accessories, and authorize purchase orders to be issued against this cooperative agreement.

PRESENTED TO BOARD OF TRUSTEES			December 13, 2016
SUBJECT:	Consideration to Authorize Agreement for Data Warehouse Solution, Districtwide	ITEM NO	. 16-149G
EXHIBIT:	None		

#### Background:

Request for Proposal (RFP) #1617-08, Data Warehouse Solution. Software for database software and services, districtwide, was advertised and distributed to interested firms to provide a quality data warehouse software solution for the district and colleges. This solution will provide the ability to store current and historical data to be used for creating analytical reports for various departments throughout the district. These departments include institutional research, student services, instruction, outreach, marketing, finance, and others with a need for analytical data reports. A main requirement of this system is the ability to integrate with Ellucian Colleague, the Enterprise Resource Planning (ERP) system for the district. This solution will eliminate wasted time and inaccuracies for users that currently build SQL queries to extract data and reports out of the district database.

Two firms, Zogo Technologies, LLC (ZogoTech) and ASR Analytics, responded to the RFP with two additional firms expressing interest but dropping out before the submittal deadline. Both firms were interviewed by a districtwide team composed of vice presidents; deans; directors and staff from information technology, institutional research, admissions and records, and purchasing; and other power users of our current SQL database. The committee considered the qualifications, experience, expertise, product solutions and pricing of the firms in relation to the requirements as identified in the RFP. After careful consideration, ZogoTech was chosen, based upon their superior system features, ease of integration with our current ERP system and database, technical support, and user-friendly interface. Additionally, ZogoTech has expertise in supporting a large number of community colleges nationwide. The ZogoTech solution will help improve the analytical reporting processes of the district with a solution that is accessible, sustainable, and timely.

#### Fiscal Impact:

\$201,433.00 – one-time costs of this project will be covered from grant funds received by the colleges and district from the California Community Colleges Chancellor's Office Institutional Effectiveness Planning Initiative (IEPI). Recurring license fees for succeeding years are \$36,996.00 per year and will be covered from lottery funds.

Item No. 16-149G Page 2

#### Recommendation:

In accordance with Board Policy 6340, administration recommends the Board of Trustees:

- a) authorize an agreement with Zogo Technologies, LLC for the Data Warehouse Solution, Districtwide; and
- b) authorize future renewals of this licensing agreement with similar terms and conditions; and
- c) authorize the chancellor or vice chancellor of finance and administration to sign an agreement on behalf of the district.
- d)

PRESENTEI	D TO BOARD OF TRUSTEES	DATE: December 13, 2016
SUBJECT:	Consideration to Authorize Purchase of Industrial Technology Equipment, Madera Community College Center	ITEM NO. 16-150G
EXHIBIT:	None.	

#### Background:

The Madera Community College Center has identified an immediate need for advanced industrial technology equipment items related specifically to their vocational manufacturing program offered at the Center for Advanced Manufacturing (CAM) facility. This specialized equipment consists of a Haas ST-10 Computer Numerical Controlled (CNC) Lathe and a Haas TM-1P CNC Toolroom Mill. This specialized equipment is critical to today's technologies, necessary for the instruction and training in precision machining, and is integral in training skilled production workers and machinists. This purchase has been identified by faculty and administration as critical to stay in step with current industry technology and to align the program with industry needs.

The Madera Community College Center vocational manufacturing program works closely with Reedley College, and both offer instruction based upon Haas Automation, Inc., CNC equipment. Due to the uniqueness of this equipment and the necessity to match existing instructional technology, administration is recommending purchasing the specified lathe, mill and related accessories from Selway Machine Tool Company. Selway is the exclusive sole source dealer for Haas Automation for northern California.

This equipment has been evaluated by the respective faculty and approved by administration as necessary for instructional purposes. Value analysis has been performed to confirm that pricing is fair, accurate, and compares favorably with similar purchases by the district and other educational institutions. The administration is requesting authorization to purchase these items as identified.

#### Fiscal Impact:

\$92,354.28 – California Apprenticeship Initiative Grant Funds for Madera Community College Center

Item No. 16-150G Page 2

#### Recommendation:

In accordance with Board Policy 6340, administration recommends the Board of Trustees authorize the purchase of industrial technology equipment for Madera Community College Center, from Selway Machine Tool Company, in the amount of \$92,354.28, and authorize purchase orders be issued for these items.

PRESENTED	TO BOARD OF TRUSTEES	DATE:	December 13, 2016
SUBJECT:	Consideration of Bids, Electric Utility Carts, Districtwide	ITEM NO.	16-151G
EXHIBIT:	None.		

#### Background:

Bid #1617-05 is for the purchase of eight electric utility carts needed by the maintenance department at various locations throughout the district. These utility carts will be placed at Fresno City College, Reedley College, Clovis Community College and the Madera Community College Center. These new vehicles are flat bed carts with a 3,000 lb. load capacity that are used to haul equipment, repair parts, and tools necessary for maintenance and repairs across the campuses. Taylor Dunn electric utility carts, as specified in the bid documents, have proven to be efficient and reliable and are an integral part of the district maintenance program

Funding for this project will be provided by 2016-2017 Decision Package funds for district operations. Bids were received from four equipment suppliers as follows:

Bidder	Award Amount
Toyota Material Handling of Northern CA	\$ 93,419.82
Central Valley Golf & Utility Vehicles	\$ 94,805.10
Electric Movement	\$ 102,019.29
Technology International, Inc.	\$ 104,328.90

#### Fiscal Impact:

\$93,419.82 – 2016-17 Decision Package funds for district operations

#### Recommendation:

In accordance with Board Policy 6340, administration recommends the Board of Trustees award Bid #1617-05 in the amount of \$93,419.82 to Toyota Material Handling of Northern California, the lowest responsible bidder for the purchase of Electric Utility Carts, Districtwide, and authorize purchase orders to be released on behalf of the district.

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Appoint Director and Alternate Director, Valley Insurance Program Joint Powers Agency	ITEM NO. 16-152G
EXHIBIT:	None	

#### Background:

The Valley Insurance Program Joint Powers Agency (VIPJPA) Board of Directors is made up of one board and one management appointee form each member district. Vice Chancellor Edwin Eng, with Director of Environmental Health and Safety Darren Cousineau, were appointed director and alternate director, respectively, to two-year terms commencing January 31, 2015. It is recommended Edwin Eng continue serving as director and Darren Cousineau continue serving as the alternate director commencing January 31, 2017. With these to appointments, the district will continue to have full representation and an alternate on the VIPJPA Board of Directors.

#### Recommendation:

In accordance with Board Policy 6540, administration recommends the Board of Trustees reappoint Edwin Eng to the Valley Insurance Program Joint Powers Agency Board of Directors commencing January 31, 2017, and Darren Cousineau as Alternate Director commencing January 31, 2017.

PRESENTED TO BOARD OF TRUSTEES		DATE: Dec	ember 13, 2016
SUBJECT:	Consideration to Approve College and Career Access Partnership Agreements (AB288 Dual Enrollment)	ITEM NO.	16-153G
EXHIBIT:	None		

#### Background:

The College and Career Access Partnership Agreements (AB 288) authorizes the governing board of a community college district to enter into a College and Career Access Pathways (CCAP) partnership with the governing board of a school district to offer or expand dual enrollment opportunities for students who may not already be college bound or are from groups underrepresented in higher education with the goal of developing seamless pathways from high school to community college for career-technical education or preparation for transfer, improving high school graduation rates, or helping high school students achieve college and career readiness. The bill outlines the conditions that must be met prior to the adoption of a CCAP partnership.

These updated dual enrollment partnerships will allow for the following:

- College courses offered at a high school during the regular school day are limited solely to high school students. This eliminates the requirement of having to advertise dual enrollment courses on the class schedule and for an open high school campus. Also, it allows to fully dedicate all dual enrollment seats to high school students.
- Allow CCCs to assign priority enrollment and registration to high school students enrolling in courses required for a partnership program.
- Students can enroll in up to a maximum of 15 units per term (no more than four classes). Currently, dual enrollment students are limited to 11 units per term.
- It excludes high school students from the 5% summer dual enrollment limitation.

Item No. 16-153G Page 2

#### Recommendation:

In accordance with Board Policy 5010, administration recommends the Board of Trustees approve the partnership agreements listed below.

- Kerman Unified School District
- Madera Unified School District
- Sanger Unified School District
- Chawanakee Unified School District
- Fresno Unified School District

PRESENTED	TO BOARD OF TRUSTEES	DATE: December 13, 2016
SUBJECT:	Consideration to Approve Curriculum Proposals for Fresno City College, Reedley College and Clovis Community College	ITEM NO. 16-154G
EXHIBIT:	Curriculum Proposals for Fresno City College, Reed Clovis Community College	ley College and

#### Background:

The new courses, course revisions, new programs, and program revisions being presented by the colleges have been reviewed by the appropriate curriculum committees as part of the curriculum approval process. They have also been reviewed and approved for presentation to the Board of Trustees by the district Educational Coordination and Planning Committee. The following are hereby submitted:

	FRESNO CITY COLLEGE			
Vocational	Non-Vocational			
6	1	New Programs		
20	22	Revised Programs		
		Deleted Programs		
14	6	New Courses		
25	25 95 Revised Courses			
1	6	Deleted Courses		
		Special Studies Courses		
13	19	Distance Learning Courses		
		New/Renewed Articulation Agreements		

	REEDLEY COLLEGE			
Vocational	Non-Vocational			
4		New Programs		
7	1	Revised Programs		
1		Deleted Programs		
14	3	New Courses		
90	1	Revised Courses		
4		Deleted Courses		
		Special Studies Courses		
1	2	Distance Learning Courses		
		New/Renewed Articulation Agreements		

	CLOVIS COMMUNITY COLLEGE				
Vocational	Non-Vocational				
1	1	New Programs			
34	14	Revised Programs			
		Deleted Programs			
2	7	New Courses			
35	11	Revised Courses			
		Deleted Courses			
		Special Studies Courses			
1	4	Distance Learning Courses			
		New/Renewed Articulation Agreements			

#### Recommendation:

In accordance with Board Policy 4020, administration recommends the Board of Trustees approve the Fresno City College, Reedley College and Clovis Community College curriculum proposals for Fall 2016, Spring 2017, Summer 2017, Fall 2017, Spring 2018, and Fall 2018, as presented.

## Fresno City College

Office of Instruction

#### PROPOSED **NEW PROGRAMS** Effective Spring 2017

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### 1. PRE-ALLIED HEALTH DENTAL HYGIENE OPTION (voc)

Associate in Science Degree Course added, new Allied Heath 100, Introduction to Health Careers Courses added, existing Biology 20, Human Anatomy Biology 21A, Human Anatomy & Physiology I Biology 21B, Human Anatomy & Physiology II Biology 22, Human Physiology Biology 31, Microbiology Chemistry 3A, Introductory General Chemistry Chemistry 3B, Introductory Organic & Biological Chemistry Communication 1. Introduction to Public Speaking Communication 2, Interpersonal Communication English 1A, Reading and Composition English 1AH, Honors Reading and Composition Food and Nutrition 35, Nutrition and Health Food and Nutrition 40, Nutrition Health Information Technology 10, Medical Terminology Mathematics 103, Intermediate Algebra Psychology 2, General Psychology Psychology 2H, Honors General Psychology Sociology 1A, Introduction to Sociology Sociology 1AH, Honors Introduction to Sociology

#### 2. PRE-ALLIED HEALTH RADIOLOGIC OPTION (voc)

Associate in Science Degree Course added, new Allied Heath 100, Introduction to Health Careers Courses added, existing Biology 20, Human Anatomy Biology 21A, Human Anatomy & Physiology I Biology 21B, Human Anatomy & Physiology II Biology 22, Human Physiology Chemistry 3A, Introductory General Chemistry English 1A, Reading and Composition English 1AH, Honors Reading and Composition Health 1, Contemporary Health Issues Health Information Technology 10, Medical Terminology Mathematics 103, Intermediate Algebra Psychology 2, General Psychology Psychology 2H, Honors General Psychology

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#### 3. PRE-ALLIED HEALTH REGISTERED NURSING OPTION (voc)

Associate in Science Degree Course added. new Allied Heath 100, Introduction to Health Careers Courses added, existing Anthropology 2, Cultural Anthropology Anthropology 2H, Honors Cultural Anthropology Biology 20, Human Anatomy Biology 21A, Human Anatomy & Physiology I Biology 21B, Human Anatomy & Physiology II Biology 22, Human Physiology Biology 31, Microbiology Chemistry 3A, Introductory General Chemistry English 1A, Reading and Composition English 1AH, Honors Reading and Composition Health Information Technology 10, Medical Terminology Mathematics 103, Intermediate Algebra Psychology 2, General Psychology Psychology 2H, Honors General Psychology Sociology 1A, Introduction to Sociology Sociology 1AH, Honors Introduction to Sociology

#### 4. PRE-ALLIED HEALTH RESPIRATORY CARE OPTION (voc)

Associate in Science Degree Course added, new Allied Heath 100, Introduction to Health Careers Courses added, existing Biology 20, Human Anatomy Biology 21A, Human Anatomy & Physiology I Biology 21B, Human Anatomy & Physiology II Biology 22, Human Physiology Biology 31, Microbiology Chemistry 3A, Introductory General Chemistry English 1A, Reading and Composition English 1AH. Honors Reading and Composition Health 1. Contemporary Health Issues Health Information Technology 10, Medical Terminology Mathematics 103, Intermediate Algebra Physical Science 11, Introductory Physical Science Psychology 2, General Psychology Psychology 2H, Honors General Psychology

## Fresno City College

Office of Instruction

#### PROPOSED **NEW COURSES** Effective Spring 2017

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

Allied Health 19, Work Experience (Cooperative), Occupational, 1-8 units, (Pass/No Pass). Corequisite: Allied Health 204. Fall and Spring Semesters: Must be enrolled in at least one other course, in addition to occupational work experience. Summer Session: Enrollment in another college course is optional. Supervised employment directly related to the student's major. Offered under specific majors. Advisory: Eligibility for English 1A recommended.

Supervised employment extending the classroom based on occupational learning related to the student's major. Collaborative learning objectives established specific to the particular occupational field. Seventy-five hours of paid work or 60 hours of non-paid work per unit per semester. Maximum of 8 units per semester. Maximum 16 units total. Orientation hours may be required. **(unique) (voc)** 

#### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

Allied Health 100, Introduction to Health Careers, 2 units, 2 lecture hours. Prerequisite: None. A prerequisite course for allied health programs to establish a solid foundation in the understanding of allied health professions and the multidisciplinary environment. (unique) (voc)

#### **CREDIT, NONDEGREE APPLICABLE**

1. Administration of Justice 233M, Patrol Canine Handler Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass) (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. Certified law enforcement canine handler. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval or equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Course contains legal updates, safety concerns, obedience training, canine personalities, handling techniques, search techniques, environmental concerns, person apprehensions, first aid, and documentation for handlers of patrol canines. **(unique) (voc)** 

2. Administration of Justice 233N, Search and Rescue Training Update, 0.5 unit, 1.78-2.34 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Law Enforcement search and rescue techniques, rope training, rescue equipment, patient packaging, navigation, tracking, survival skills and field operations. **(unique) (voc)** 

3. Administration of Justice 2330, Underwater Search and Recovery Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. Students must be advanced law enforcement certified SCUBA divers. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Underwater search and recovery techniques for SCUBA diving in poor conditions, search and navigating underwater, and utilizing a helicopter during a search. **(unique) (voc)** 

4. Administration of Justice 233P, Search & Rescue Inclement Weather Update, 0.5 unit, 1.8-2.23 lab hours (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Law Enforcement search and rescue techniques for rescue of persons in swift water environments, snow, inclement weather, various terrains and interaction with helicopter or air support. **(unique) (voc)** 

5. Administration of Justice 246H, MACTAC – Multi Assault, Counter Terrorism Action Capabilities, 0.1 unit, 0.47 lab hours (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Multi-assault, counter terrorism capabilities overview related to the response to terrorism in the United States for local law enforcement. (unique) (voc)

- 6. Allied Health 204, Autism Technician Training, 3 units, 3 lecture hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: None. Prepares students for entry-level positions in the field of behavioral health treatment for individuals with autism spectrum disorders (ASD). Students who successfully complete the course will have the training and experience required to be eligible to take the exam to become a Registered Behavior Technician (RBT). Provides students with foundational knowledge in autism spectrum disorders (ASD), applied behavior analysis, and evidence-based intervention techniques. (unique) (voc)
- Fire Technology 233, Advanced Firefighter Continuing Education, 0.5-1 unit, 2-4.45 lab 7. hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: Successful completion of a California State Fire Marshal's Office Accredited Firefighter 1 Academy or equivalent as determined by the Division Dean, Director or their representative. Note: Approval of equivalency training approval is not a guarantee of state regulatory or licensing agencies will also grant equivalency. Prior to beginning this course students shall be familiar with and be able to demonstrate all of the skill and general knowledge requirements of the California State Fire Marshals' Office 2013 Firefighter 1 curriculum. This curriculum is based on the National Fire Protection Association 1001: Standard for Firefighter Professional Qualifications, National Fire Protection 1051: Standard for Wildland Firefighting Personnel Professional Qualifications and the National Fire Protection Association 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. These skills will not be taught in this course; rather they will be the starting point for advanced training that build upon them. These subject areas are: Knowledge of Fire Fighter Safety, have the ability to don and doff personal protective ensemble and selfcontained breathing apparatus; knowledge of, and familiarity with fire apparatus and operating at an emergency scene; knowledge of, and familiarity with fire department communications equipment; knowledge and familiarity with firefighting tools and equipment; knowledge of and familiarity with structural fire suppression methods;

knowledge of and familiarity with firefighting apparatus; knowledge of and familiarity with firefighter survival self-rescue techniques as well as downed firefighter rescue techniques; knowledge of and familiarity with passenger vehicle fires and the hazards associated with them; knowledge and familiarity with wildland response and suppression methods, have the ability to don and doff wildland personal protective equipment and know its limitations; knowledge and familiarity with Hazardous Materials and Weapons of Mass Destruction Incidents.

Satisfies annual mandatory continuing education requirements of local Fire Agencies, Fresno County Health Department, the California State Fire Marshals Office, and the appropriate sections of the California Code of Regulations; may be offered in seminar, lecture, and/or lab format; specific course deliver method to be determined by each respective agency. **(unique) (voc)** 

## Fresno City College

Office of Instruction

#### PROPOSED **REVISED COURSES** Effective Spring 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- 1. Applied Technology 10, Technical Computer Applications, 3 units, 2.5 lecture hours, 1.5 lab hours. Revised course hours to 3 lecture hours, 1 lab hour. Revised course texts and content. (unique) (voc)
- 2. Computer Information Technology 40, Computer Operating Systems, 4 units, 3.5 lecture hours, 2 lab hours. Revised course objectives, texts, and methods of instruction. (unique) (voc)
- 3. Computer Information Technology 68, Advanced Programming Applications, 4 units, 4 lecture hours, 1 lab hour. Revised course texts and methods of instruction, (unique) (voc)
- 4. **Dental Hygiene 5A, Clinical Dental Hygiene I, 2.5 units, 8 lab hours.** Revised course objectives, texts, and content. **(unique) (voc)**
- 5. Dental Hygiene 5C, Clinical Dental Hygiene III, 5 units, 16 lab hours. Revised course objectives, texts, and content. (unique) (voc)

#### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

Fire Technology 130A, Basic Fire Academy – Part 1, 13 units, 8 lecture hours, 14.4 lab hours. Revised course prerequisite to read: Prerequisite: Valid Public Safety First Aid and CPR course as defined by California Health & Safety Code, Section 1797.182. (unique) (voc)

#### **CREDIT, NONDEGREE APPLICABLE**

- 1. Administration of Justice 222, Internal Affairs Investigator, 1.5 units, 33.6 lecture hours, (1 week), (Pass/No Pass). Revised course units and hours to 1 unit, 25.2 lecture hours. (unique) (voc)
- 2. Administration of Justice 245U, First Aid & CPR Refresher, 0.1 unit, 0.06 lecture hours, 0.18 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Revised course hours to 0.47 lab hours. Revised course prerequisite to read: Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. These skills and knowledge base are related to adopted POST and/or industry standards. Students will need to have completed a Law Enforcement First Aid and CPR course to attend this refresher course. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency. Revised course description, objectives, methods of evaluation, content, and student learning outcomes. (unique) (voc)
- Administration of Justice 270A, Basic Police Academy Part 1, 24 units, 20.3 lecture hours, 8.8 lab hours, 19 weeks. Revised course units and hours to 22 units, 12.3 lecture hours, 10.75 lab hours, 20 weeks. Revised course texts. (unique) (voc)

- Administration of Justice 270B, Basic Police Academy Part 2, 27.5 units, 18 lecture hours, 11.1 lab hours, 23 weeks. Revised course units and hours to 26 units, 11.2 lecture hours, 12.93 lab hours, 24 weeks. (unique) (voc)
- 5. English for Multi-Lingual Students 264LS, Intermediate Listening and Speaking, 2 units, 2 lecture hours, 1 lab hour. Revised course units and hours to 3 units, 3 lecture hours. (In lieu of RC's ESL 266)

#### NONCREDIT

English for Multi-Lingual Students 364LS, Intermediate Listening and Speaking, 0 units, 2 lecture hours, 1 lab hour. Revised course hours to 3 lecture hours. (In lieu of RC's ESL 366LS)



Office of Instruction

Fresno City College

Office of Instruction

### PROPOSED DELETED COURSES

Effective Spring 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

#### African-American Studies 36, Contemporary Africa, 3 units, 3 lecture hours.

This course has not been offered for more than six years, and the course content is covered in other AFRAM courses. The emphasis of this program, African American Studies focuses more on the African experience in the United States, with historical references to Africa. A study of contemporary Africa is more aligned with an Africana Studies programs as upper division course work, programs that examine topics in greater depth and detail of modern day Africa. (unique)

#### CREDIT, NONDEGREE APPLICABLE

Administration of Justice 293, Drug Influence – H&S 11550, 1.5 units, 33.6 lecture hours, 1 week. Delete course due to state revisions coming in 2017 making this course format non useable in Spring 2017. Will rebuild course once state issues new format in 2017. (unique) (voc)

## Fresno City College

Office of Instruction

#### PROPOSED **NEW COURSES** Effective Summer 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

## Respiratory Care 21B, Simulation Lab Skills, 0.5 unit, 2 lab hours. Prerequisite: Respiratory Care 21.

Therapeutic and diagnostic modalities with use of simulation equipment to prepare the student for supervised clinical rotations in the intensive care unit. (unique) (voc)

## Fresno City College

Office of Instruction

PROPOSED **NEW PROGRAMS** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### 1. AMERICAN INDIAN STUDIES

Certificate of Achievement **Courses added, existing** American Indian Studies 31, American Indian Culture American Indian Studies 32, American Indian History American Indian Studies 34, The American Indian in Contemporary Society American Indian Studies 35, American Indian Art

#### 2. **PIANO TEACHING**

Certificate of Achievement **Courses added, new** Music 150, Piano Teaching I Music 151, Piano Teaching II **Courses added, existing** Music 1A, Music Theory I Music 1B, Music Theory II Music 7A, Ear Training I Music 7B, Ear Training II Music 22, Intermediate/Advanced Piano

#### 3. SPORTS MEDICINE (voc)

Associate in Science **Courses added, new** Health Science 3, Concepts in Health and Fitness Physical Education 19, Work Experience (Cooperative), Occupational **Courses added, existing** Biology 20, Human Anatomy Biology 21A, Human Anatomy & Physiology I Biology 21B, Human Anatomy & Physiology II Biology 22, Human Physiology Food and Nutrition 35, Nutrition and Health Food and Nutrition 41, Sports Nutrition Health 2, First Aid and Safety Physical Education 15A, Weight Training (Women) Physical Education 15B, Weight Training (Men) Physical Education 15C, Weight Training (Coed)

# Fresno City College Office of Instruction

#### PROPOSED REVISED PROGRAMS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### **To ECPC November 2016**

1.	AFRICAN-AMERICAN STUDIES #7640 Associate in Arts Courses added, existing African-American Studies/History 34, History of the American Civil Rights Movement American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society Courses revised African-American Studies 1, Introduction to African American Studies African-American Studies 2, African American Cultural Adaptation African-American Studies 3, African American Att African-American Studies 4, Classical and Pre Colonial Africa African-American Studies 5, The African Diaspora of the Americas African-American Studies 6, African Cultures and Languages African-American Studies 8, African-American Music Course deleted (from program only) African-American Studies 17, African-American Literature Courses deleted (from curriculum) African-American Studies 13, African-American Music to 1940 African-American Studies 36, Contemporary Africa
2.	AMERICAN INDIAN STUDIES #7680 Associate in Arts Courses revised African-American Studies 5, The African Diaspora of the Americas American Indian Studies 20, Native Peoples of California American Indian Studies 31, American Indian Culture American Indian Studies 32, American Indian History American Indian Studies 34, The American Indian in Contemporary Society American Indian Studies 35, American Indian Art American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society
3.	APPLE iOS DEVELOPER #2731 (voc) Certificate Course added, new Computer Information Technology 70, Beginning Swift Programming
4.	ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER #7380 Associate in Arts Course added, new Women's Studies 22, History of American Women Course added, existing African-American Studies 34, History of the American Civil Rights Movement

5. ASSOCIATE IN ARTS IN JOURNALISM FOR TRANSFER #5355 (voc) Associate in Arts Course added, existing Journalism 11B, Intermediate Media Writing Practicum Course revised **Decision Science 23, Business Statistics** 6. **ASSOCIATE IN ARTS IN MUSIC FOR TRANSFER #5805** Associate in Arts Course added, existing Music 26, Intermediate/Advanced Voice **Courses revised** Music 1A, Music Theory I Music 7A, Ear Training I Music 7B, Ear Training: Level II Music 7C, Ear Training: Level III Music 7D, Ear Training Level IV Music 22, Intermediate/Advanced Piano Music 29, Intermediate/Advanced Guitar Music 30, College Choir Music 34, Fresno Chorale Music 41, Jazz Ensemble Music 42A, Intermediate/Advanced Brass (Brass Choir) Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir) Music 42C, Intermediate/Advanced Strings (String Orchestra) Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble) Music 60, Symphonic Choir Music 68, Symphonic Band Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 76, College Philharmonic Orchestra Courses deleted (from program only) Music 74A, Intermediate/Advanced Brass Performance Practices Music 74B. Intermediate/Advanced Woodwind Performance Practices Music 74C. Intermediate/Advanced String Performance Practices Music 74D, Intermediate/Advanced Percussion Performance Practices Courses deleted (from curriculum) Music 61. A Cappella Choir Music 69, Wind Band Music 73A, Intermediate/Advanced Chamber Ensemble (Brass) Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds) Music 73C, Intermediate/Advanced Chamber Ensemble (Strings) Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion) Music 75, Community Orchestra 7. **BRASS PERFORMANCE #5811** Certificate Course added, existing Music 12. Music Appreciation

**Courses revised** 

Music 1A, Music Theory I Music 3. Music Fundamentals Music 13, History of Music Music 42A, Intermediate/Advanced Brass (Brass Choir) Music 68, Symphonic Band

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Music 76, College Philharmonic Orchestra **Course deleted (from program only)** Music 74A. Intermediate/Advanced Brass Performance Practices

#### Courses deleted (from curriculum)

Music 69, Wind Band Music 73A, Intermediate/Advanced Chamber Ensemble (Brass) Music 75, Community Orchestra

#### 8. CHICANO-LATINO STUDIES FORMERLY CULTURAL STUDIES, LA RAZA #7661

Associate in Arts

#### **Courses revised**

American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society

Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies Chicano-Latino Studies 12, Mexican American History Chicano-Latino Studies 13, Politics and the Chicano-Latino Community Chicano-Latino Studies/Sociology 14, Sociology of the Mexican American Community Chicano-Latino Studies 20, Chicano Art Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina Chicano-Latino Studies 30, Migration and the Family: Social and Psychological Perspectives Chicano-Latino Studies 33, Community Involvement: Service Learning

#### 9. COMMERCIAL MUSIC #5850 (voc)

Associate in Arts Course added, existing Music 46, Symphony Orchestra Courses revised Music 1A, Music Theory I Music 3, Music Fundamentals Music 4, Jazz Theory Music 5, Computer Music Production Music 6, Jazz Arranging and Composition Music 7A, Ear Training I Music 7B. Ear Training: Level II Music 8. Audio Engineering Music 9, Composition Music 10B, Intermediate/Advanced Jazz Improvisation Music 12, Music Appreciation Music 13, History of Music Music 16, Jazz History and Appreciation Music 17, History of Rock Music 20, Beginning Piano: Level I Music 21, Beginning Piano: Level II Music 22, Intermediate/Advanced Piano Music 24, Elementary Voice: Level I Music 25. Elementary Voice: Level II Music 26. Intermediate/Advanced Voice Music 27, Beginning Guitar: Level I Music 28. Beginning Guitar: Level II Music 29, Intermediate/Advanced Guitar Music 30, College Choir Music 34, Fresno Chorale Music 35, City Singers Music 41, Jazz Ensemble Music 42A, Intermediate/Advanced Brass (Brass Choir)

Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir) Music 42C, Intermediate/Advanced Strings (String Orchestra) Music 42D. Intermediate/Advanced Percussion (Percussion Ensemble) Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B, Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48, Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54, Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 57, Solo Repertoire Music 60, Symphonic Choir Music 63, Chamber Singers Music 68, Symphonic Band Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 72, Jazz Composer's Orchestra Music 76, College Philharmonic Orchestra Music 90, Jazz Composers Workshop Music 91, Jazz Composers Ensemble Music 92, Vocal Jazz Ensemble Music 111, The Music Business Music 112, Introduction to Finale Courses deleted (from curriculum) Music 47, Jazz Combo Music 61, A Cappella Choir Music 64, Vocal Ensemble Music 69, Wind Band Music 73A, Intermediate/Advanced Chamber Ensemble (Brass) Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds) Music 73C, Intermediate/Advanced Chamber Ensemble (Strings) Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion) Music 75, Community Orchestra Music 77, Studio Jazz Combo Music 78, Lab Jazz Combo

#### 10. COMMERCIAL MUSIC #5850 (voc)

Certificate of Achievement **Courses revised** Music 1A, Music Theory I Music 3, Music Fundamentals Music 5, Computer Music Production Music 8, Audio Engineering Music 20, Beginning Piano: Level I Music 111, The Music Business Music 112, Introduction to Finale

#### 11. COMPUTER INFORMATION SYSTEMS #2701 (voc)

Associate in Science **Course added, new** Computer Information Technology 70, Beginning Swift Programming **Course revised** Computer Information Technology 68, Advanced Programming Applications

#### 12. GUITAR PERFORMANCE #5831

Certificate

Course added, existing Music 12, Music Appreciation **Courses revised** Music 1A. Music Theory I Music 3, Music Fundamentals Music 13, History of Music Music 29, Intermediate/Advanced Guitar Music 30, College Choir Music 35, City Singers Music 39A, Baroque/Classical Opera Music 39B, Romantic and Modern Opera Music 39C, Classic Musical Theatre Music 39D, Contemporary Opera and Musical Theatre Music 41, Jazz Ensemble Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B, Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48, Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54, Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 60, Symphonic Choir Music 63, Chamber Singers Music 68, Symphonic Band Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 92, Vocal Jazz Ensemble Courses deleted (from curriculum) Music 47, Jazz Combo Music 61, A Cappella Choir Music 64, Vocal Ensemble Music 66. Opera Performance Practices Music 67. Musical Theater Performance Practices Music 69, Wind Band

Music 69, Wind Band

Music 77, Studio Jazz Combo

Music 78, Lab Jazz Combo

#### 13. HEALTH INFORMATION TECHNOLOGY FORMERLY MEDICAL RECORD TECHNOLOGY #4621 (voc)

Associate in Science **Course added, new** Health Information Technology 16, Healthcare Reimbursement

#### 14. INSTRUMENTAL MUSIC #5810

Associate in Arts **Courses revised** Music 1A, Music Theory I Music 7A, Ear Training I Music 7B, Ear Training: Level II Music 9, Composition Music 13, History of Music Music 42A, Intermediate/Advanced Brass (Brass Choir) Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir) Music 42C, Intermediate/Advanced Strings (String Orchestra) Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble) Music 68, Symphonic Band

#### Courses deleted (from program only)

Music 74A, Intermediate/Advanced Brass Performance Practices Music 74B, Intermediate/Advanced Woodwind Performance Practices Music 74C, Intermediate/Advanced String Performance Practices Music 74D, Intermediate/Advanced Percussion Performance Practices **Courses deleted (from curriculum)** Music 69, Wind Band Music 73A, Intermediate/Advanced Chamber Ensemble (Brass)

Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds) Music 73C, Intermediate/Advanced Chamber Ensemble (Strings) Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion) Music 75, Community Orchestra

#### 15. **JAZZ PERFORMANCE #5812**

#### Certificate

Courses revised Music 1A, Music Theory I Music 3, Music Fundamentals Music 4, Jazz Theory Music 6, Jazz Arranging and Composition Music 10B, Intermediate/Advanced Jazz Improvisation Music 16, Jazz History and Appreciation Music 41. Jazz Ensemble Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B. Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48, Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54, Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 70. Contemporary Jazz Ensemble Music 71. Lab Jazz Ensemble Music 92, Vocal Jazz Ensemble Courses deleted (from curriculum) Music 47. Jazz Combo Music 77, Studio Jazz Combo Music 78, Lab Jazz Combo

#### 16. LIBERAL ARTS #5121T EMPHASIS IN CULTURAL STUDIES

#### Associate in Arts

Courses revised

African-American Studies 1, Introduction to African American Studies African-American Studies 2, Cultural Adaptation of the African-American African-American Studies 4, Classical and Pre Colonial Africa African-American Studies 5, The Africans of the New World African-American Studies 6, African Cultures and Languages African-American Studies/Women's Studies 41, African-American Women's Studies American Indian Studies 20, Native Peoples of California American Indian Studies 31, American Indian Culture American Indian Studies 32, American Indian History American Indian Studies 34, The American Indian in Contemporary Society American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society Asian-American Studies 1, Indo-Chinese Americans Asian-American Studies 10, Hmong Culture Asian-American Studies 15, Introduction to Asian-Americans Asian-American Studies 25, Asian American Social Issues Asian-American Studies 25, Asian American Social Issues Asian-American Studies/Women's Studies 30, Asian-American Women Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies Chicano-Latino Studies 12, Mexican American History Chicano-Latino Studies 13, Politics and the Chicano-Latino Community Chicano-Latino Studies/Sociology 14, Sociology of the Mexican American Community Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina Chicano-Latino Studies 30, Migration and the Family: Social and Psychological Perspectives Women's Studies 10, Changing Roles of Women

#### 17. LIBERAL ARTS #5141T EMPHASIS IN HISTORY/POLITICAL SCIENCE

Associate in Arts **Course added, new** Women's Studies 22, History of American Women **Course added, existing** African-American Studies 34, History of the American Civil Rights Movement

- MEDICAL CODING #4627 (voc) Certificate of Achievement Course added, new Health Information Technology 16, Healthcare Reimbursement
- 19. MUSIC THEORY #5860 Certificate Course revised Music 1A, Music Theory I

20. **MUSIC, GUITAR MAJORS #5830** Associate in Arts Course added, existing Music 46. Symphony Orchestra **Courses revised** Music 1A, Music Theory I Music 7A, Ear Training I Music 7B, Ear Training: Level II Music 9 Composition Music 13, History of Music Music 29, Intermediate/Advanced Guitar Music 30, College Choir Music 34, Fresno Chorale Music 41, Jazz Ensemble Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B, Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48, Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54. Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 60, Symphonic Choir Music 68, Symphonic Band

Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 72, Jazz Composer's Orchestra Music 76, College Philharmonic Orchestra Music 90, Jazz Composers Workshop Music 91, Jazz Composers Ensemble Music 92, Vocal Jazz Ensemble Courses deleted (from curriculum) Music 47, Jazz Combo Music 61, A Cappella Choir Music 69, Wind Band Music 75, Community Orchestra Music 77, Studio Jazz Combo Music 78, Lab Jazz Combo **MUSIC, PIANO MAJORS #5840** Associate in Arts Courses added, existing Music 46, Symphony Orchestra Music 76, College Philharmonic Orchestra Courses revised Music 1A, Music Theory I Music 7A, Ear Training I Music 7B, Ear Training: Level II Music 9, Composition Music 13, History of Music Music 22, Intermediate/Advanced Piano Music 29, Intermediate/Advanced Guitar Music 30, College Choir Music 34, Fresno Chorale Music 41, Jazz Ensemble Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B, Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48. Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54, Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 60, Symphonic Choir Music 68, Symphonic Band Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 72, Jazz Composer's Orchestra Music 76, College Philharmonic Orchestra Music 90, Jazz Composers Workshop Music 91. Jazz Composers Ensemble Music 92, Vocal Jazz Ensemble Courses deleted (from curriculum) Music 47, Jazz Combo Music 61, A Cappella Choir Music 69, Wind Band Music 75, Community Orchestra Music 77, Studio Jazz Combo Music 78, Lab Jazz Combo

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#### 22. MUSIC, VOCAL MAJORS #5820

Associate in Arts Course added. existing Music 34, Fresno Chorale **Courses revised** Music 1A, Music Theory I Music 7A, Ear Training I Music 7B, Ear Training: Level II Music 9, Composition Music 13, History of Music Music 26, Intermediate/Advanced Voice Music 30, College Choir Music 39A, Baroque/Classical Opera Music 39B. Romantic and Modern Opera Music 39C, Classical Musical Theatre Music 39D, Contemporary Opera and Musical Theatre Music 60, Symphonic Choir Courses deleted (from curriculum) Music 61, A Cappella Choir Music 66, Opera Performance Practices Music 67, Musical Theater Performance Practices

#### 23. PERCUSSION PERFORMANCE #5813

Certificate

Course added, existing Music 12, Music Appreciation Courses revised Music 1A, Music Theory I Music 3, Music Fundamentals Music 13, History of Music Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble) Music 68, Symphonic Band Music 76, College Philharmonic Orchestra Course deleted (from program only) Music 74D, Intermediate/Advanced Percussion Performance Practices Courses deleted (from curriculum) Music 69, Wind Band Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion) Music 75, Community Orchestra

#### 24. PIANO PERFORMANCE #5841

Certificate Courses added, existing

Music 12, Music Appreciation Music 22, Intermediate/Advanced Piano **Courses revised** Music 1A, Music Theory I Music 3, Music Fundamentals Music 13, History of Music Music 30, College Choir Music 35, City Singers Music 39A, Baroque/Classical Opera Music 39B, Romantic and Modern Opera Music 39C, Classical Musical Theatre Music 39D, Contemporary Opera and Musical Theatre Music 41, Jazz Ensemble

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Music 47A, Jazz Combo: New Orleans, Swing and Bob Music 47B, Jazz Combo: Cool and Mainstream Music 47C, Jazz Combo: Modern and Fusion Music 47D, Jazz Combo: World Music Music 48, Latin Jazz Ensemble Music 53, Latin Jazz Workshop Music 54, Afro-Latin Ensemble Music 55, Afro-Caribbean Ensemble Music 60, Symphonic Choir Music 63, Chamber Singers Music 68, Symphonic Band Music 70, Contemporary Jazz Ensemble Music 71, Lab Jazz Ensemble Music 92, Vocal Jazz Ensemble Courses deleted (from program only) Music 35, City Singers Courses deleted (from curriculum) Music 39, Opera and Musical Theatre Workshop Music 47, Jazz Combo Music 61, A Cappella Choir Music 64, Vocal Ensemble Music 66, Opera Performance Practices Music 67, Musical Theater Performance Practices Music 69, Wind Band Music 77, Studio Jazz Combo Music 78, Lab Jazz Combo

#### 25. PRE-LAW IN INTERDISCIPLINARY STUDIES

Associate in Arts **Course added, new** Women's Studies 22, History of American Women **Course added, existing** African-American Studies 34, History of the American Civil Rights Movement

#### 26. STRING PERFORMANCE #5814

Certificate

Course added, existing Music 12, Music Appreciation Courses revised Music 1A, Music Theory I Music 3, Music Fundamentals Music 13, History of Music Music 42C, Intermediate/Advanced Strings (String Orchestra) Music 76, College Philharmonic Orchestra Course deleted (from program only) Music 74C, Intermediate/Advanced String Performance Practices Courses deleted (from curriculum) Music 73C, Intermediate/Advanced Chamber Ensemble (Strings) Music 75, Community Orchestra

#### 27. VOCAL PERFORMANCE #5821 Certificate Course added, existing Music 12, Music Appreciation Courses revised Music 1A, Music Theory I

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Music 3, Music Fundamentals

Music 13, History of Music

Music 30, College Choir

Music 35, City Singers

Music 39A, Baroque/Classical Opera

Music 39B, Romantic and Modern Opera

Music 39C, Classical Musical Theatre

Music 39D, Contemporary Opera and Musical Theatre

Music 60, Symphonic Choir

Music 63, Chamber Singers

Music 92, Vocal Jazz Ensemble

Courses deleted (from curriculum)

Music 39, Opera and Musical Theatre Workshop

Music 61, A Cappella Choir

Music 64, Vocal Ensemble

Music 66, Opera Performance Practices

Music 67, Musical Theater Performance Practices

#### 28. WOMEN'S STUDIES #7610

Associate in Arts

#### Course added, new

Women's Studies 22, History of American Women

#### Courses added, existing

American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society

Asian-American Studies/Women's Studies 30, Asian-American Women Women's Studies 47, Introduction to Lesbian and Gay Studies

#### **Courses revised**

African-American/Women's Studies 41, African-American Women's Studies Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina Women's Studies/Sociology 5, Sociology of Rape Women's Studies/Sociology 7, Domestic Violence: Abuse within the Family Women's Studies 10, Changing Roles of Women

#### 29. WOODWIND PERFORMANCE #5815

#### Certificate

Course added, existing Music 12, Music Appreciation Courses revised Music 1A, Music Theory I Music 3, Music Fundamentals Music 13, History of Music Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir) Music 68, Symphonic Band Music 76, College Philharmonic Orchestra Course deleted (from program only) Music 74B, Intermediate/Advanced Woodwind Performance Practices Courses deleted (from curriculum) Music 69, Wind Band Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds) Music 75, Community Orchestra

#### Program description or non-course changes made to the following degrees and certificates:

1. Business Administration, Management #2181, Certificate of Achievement

2. Office Manager, Certificate of Achievement

Office of Instruction

#### PROPOSED **NEW COURSES** Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- Computer Information Technology 70, Beginning Swift Programming, 4 units, 4 lecture hours, 1 lab hour. Advisory: Eligibility for English 1A recommended. An introduction to programming using the Swift language. Emphasis on fundamentals including computation, control structures, functions, classes, object-oriented design, inheritance, and algorithm performance. Preparation for software development on the macOS and iOS platforms. (unique) (voc)
- 2. Geography 1L, Physical Geography Lab, 0.5 unit, 2 lab hours. Corequisite: Geography 1. Lab class must be taken concurrently with Geography 1, Physical Geography. Lab provides handson learning paralleling Geography 1 curriculum, covering map reading and interpretation, remote sensing/GIS, Earth's structure, Earth-sun relationships, weather and climate, exogenic and endogenic processes, plate tectonics, rocks and minerals, landforms, vegetation and soils, and climate change. (unique)
- Health Information Technology 16, Healthcare Reimbursement, 2 units, 2 lecture hours. Prerequisite: Health Information Technology 1. Corequisite: Health Information Technology 6. Advisory: Eligibility for English 1A recommended. Functions and history of healthcare payment systems including insurance plans, government healthcare programs, and managed care; fraud and abuse compliance; revenue cycle management including claims processing, electronic submission, and tools for accurate reimbursement. (unique) (voc)
- Health Science 3, Concepts in Health and Fitness, 3 units, 3 lecture hours. Advisory: Eligibility for English 1A recommended.
   Students learn about the different components of physical fitness, cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition as related to healthy living. (unique)
- 5. Physical Education 19, Work Experience (Cooperative), Occupational, 1-8 units. Corequisite: Fall and Spring Semesters: Must be enrolled in at least one other course, in addition to occupational work experience. Summer session: Enrollment in another college course is optional. Supervised employment directly related to student's major. Offered under specific majors. Advisory: Eligibility for English 1A recommended. Supervised employment extending the classroom based on occupational learning related to

Supervised employment extending the classroom based on occupational learning related to Physical Education and Sports Medicine. Collaborative learning objectives established specific to the particular occupational field. Seventy-five (75) hours of paid work or 60 hours of non-paid work per unit per semester. Maximum of 8 units per semester. Maximum 16 units total. Orientation hours may be required. **(unique) (voc)** 

6. Women's Studies 22, History of American Women, 3 units, 3 lecture hours, (See also History 22). Advisory: English 1A.

Women in American history: social, political, and economic actions and reactions of American women; racial, ethnic, religious, geographic, and class differences. **(unique)** 

#### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

- 1. Business & Technology 135, Capstone One-Person Office, 3 units, 2 lecture hours, 3 lab hours. Advisory: Business & Technology 106. Eligibility for English 1A recommended. A project-based capstone course designed to explore productivity freeware, open-source software, and web-based tools to prepare the entrepreneur to efficiently and effectively run the office side of business. (unique) (voc)
- 2. **Music 150, Piano Teaching I, 2 units, 2 lecture hours, 1 lab hour. Prerequisite: Music 20.** Methods for teaching beginning and elementary piano students including a survey and comparison of piano books available for studio teaching. Practical suggestions for maintaining a private piano studio. **(unique)**

#### NONCREDIT

## Music 322, Senior Piano Skills, 1 lecture hour, 3 lab hours. Prerequisite: Students must meet the minimum age requirement.

Builds skills in piano performance. Technical, stylistic and aesthetic elements of the performing repertory from the standard literature of piano solo and ensemble music. Weekly individual instruction: ensemble and solo performance required. Students are required to perform solo juries in front of faculty each semester. (unique)

Office of Instruction

#### PROPOSED REVISED COURSES

Effective Fall 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- 1. African-American Studies 1, Introduction to African American Studies, 3 units, 3 lecture hours, (Formerly Cultural Studies 1). Revised course objectives, texts, out-of-class assignments, content, methods of instruction, and student learning outcomes. (unique)
- 2. African-American Studies 2, Cultural Adaptation of the African American, 3 units, 3 lecture hours, (Formerly Cultural Studies 2). Revised course title to African American Cultural Adaptation. Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. (unique)
- 3. African-American Studies 3, African-American Art, 3 units, 3 lecture hours, (Formerly Cultural Studies 3). Revised course description, objectives, texts, out-of-class assignments, and student learning outcomes. (unique)
- 4. African-American Studies 4, Classical and Pre Colonial Africa, 3 units, 3 lecture hours, (Formerly Cultural Studies 4). Revised course objectives, texts, out-of-class assignments, methods of evaluation, and content. (unique)
- 5. African-American Studies 5, The Africans of the New World, 3 units, 3 lecture hours, (Formerly Cultural Studies 5). Revised course title to The African Diaspora of the Americas. Revised course description, objectives, texts, content, and student learning outcomes. (unique)
- 6. African-American Studies 6, African Cultures and Languages, 3 units, 3 lecture hours, (Formerly Cultural Studies 6). Revised course description, objectives, texts, methods of evaluation, methods of instruction, and student learning outcomes. (unique)
- 7. African-American Studies 8, African-American Creative Workshop, 3 units, 2 lecture hours, 3 lab hours, (Formerly Cultural Studies 8). Revised course objectives, texts, content, and student learning outcomes. (unique)
- 8. African-American Studies 15, African-American Music from 1940 to Present, 3 units, 3 lecture hours. Revised course title to African-American Music. Revised course description, objectives, texts, methods of evaluation, content, methods of instruction, and student learning outcomes. (unique)
- 9. African-American Studies 34, History of the American Civil Rights Movement, 3 units, 3 lecture hours, (See also History 34). Revised course texts, content, and methods of instruction. (unique)
- 10. African-American Studies 41, African-American Women's Studies, 3 units, 3 lecture hours, (See also Women's Studies 41), (Formerly Cultural Studies 41). Revised course description, objectives, texts, methods of evaluation, and student learning outcomes. (unique)

- 11. American Indian Studies 34, The American Indian in Contemporary Society, 3 units, 3 lecture hours. Revised course texts and content. (unique)
- 12. Asian-American Studies 1, Indo-Chinese Americans, 3 units, 3 lecture hours. Revised course methods of instruction. (unique)
- 13. Asian-American Studies 8, Chinese Culture, 3 units, 3 lecture hours. Revised course objectives, texts, out-of-class assignments, content, and methods of instruction. (unique)
- 14. Asian-American Studies 10, Hmong Culture, 3 units, 3 lecture hours. Revised course texts and student learning outcomes. (unique)
- 15. Asian-American Studies 15, Introduction to Asian-Americans, 3 units, 3 lecture hours. Revised course texts, out-of-class assignments, and content. (unique)
- 16. Asian-American Studies 25, Asian American Social Issues, 3 units, 3 lecture hours. Revised course description, objectives, out-of-class assignments and content. (unique)
- 17. Asian-American Studies 30, Asian-American Women, 3 units, 3 lecture hours, (See also Women's Studies 30). Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. (unique)
- 18. **Biology 3, Introduction to Life Science, 3.5 units, 3 lecture hours, 2 lab hours.** Revised course units to **4 units.** Revised course out-of-class assignments, methods of evaluation, and methods of instruction. (in lieu of RC's and CCC's BIOL 3)
- 19. Biology 3H, Honors Introduction to Life Science, 3.5 units, 3 lecture hours, 2 lab hours. Revised course units to 4 units. Revised course out-of-class assignments, methods of evaluation, and methods of instruction. (unique)
- 20. Biology 5, Human Biology, 3.5 units, 3 lecture hours, 2 lab hours. Revised course units to 4 units. Revised course out-of-class assignments, methods of evaluation, and content. (in lieu of RC's and CCC's BIOL 5)
- 21. Biology 31, Microbiology, 4.5 units, 3 lecture hours, 5 lab hours. Revised course units to 5 units. Revised course out-of-class assignments, methods of evaluation, and content. (in lieu of RC's and CCC's BIOL 31)
- 22. Business Administration 30, Personal Finance, 4 units, 4 lecture hours. Revised course units and hours to 3 units, 3 lecture hours. Revised course texts. (unique) (voc)
- 23. Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies, 3 units, 3 lecture hours, (Formerly Cultural Studies 11). Revised course description, texts, content, and methods of instruction. (unique)
- 24. Chicano-Latino Studies 12, Mexican American History, 3 units, 3 lecture hours, (Formerly Cultural Studies 12). Revised course description, texts, and content. (unique)
- 25. Chicano-Latino Studies 13, Politics and the Chicano-Latino Community, 3 units, 3 lecture hours, (Formerly Cultural Studies 13). Revised course content. (unique)
- 26. Chicano-Latino Studies 14, Sociology of the Mexican American Community, 3 units, 3 lecture hours, (See also Sociology 14), (Formerly Cultural Studies 14). Revised course texts and methods of instruction. (unique)

- 27. Chicano-Latino Studies 18, Latin Jazz Ensemble, 2 units, 1 lecture hour, 3 lab hours (See also Music 48). Revised course prerequisite to read: Prerequisite: None. Revised course advisory to read: Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Revised course texts and methods of evaluation. (unique)
- 28. Chicano-Latino Studies 20, Chicano Art, 3 units, 3 lecture hours, (Formerly Cultural Studies 20). Revised course methods of instruction. (unique)
- 29. Chicano-Latino Studies 24, La Chicana and Latina, 3 units, 3 lecture hours, (See also Women's Studies 24), (Formerly Cultural Studies 24). Revised course description, texts, and content. (unique)
- 30. Chicano-Latino Studies 30, The Mexican American Migration and the Family: Social and Psychological Perspectives, 3 units, 3 lecture hours, (Formerly Cultural Studies 30). Revised course title to Migration and the Family: Social and Psychological Perspectives. Revised course description, objectives, texts, methods of evaluation, content, methods of instruction, and student learning outcomes. (unique)
- 31. Chicano-Latino Studies 33, Community Leadership, 3 units, 3 lecture hours. Revised course title to Community Involvement: Service Learning. Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. (unique)
- 32. Computer Information Technology 31, Beginning Excel, 1 unit, 1 lecture hour, 2 lab hours, (9 weeks), (See also Business & Technology 24), (Formerly Information Systems 24 and 74). Revised course hours and weeks to 1 lecture hour, 1 lab hour, 18 weeks. Revised course objectives, texts, out-of-class assignments, methods of evaluation, and content. (unique) (voc)
- 33. Computer Information Technology 45, Data Communications, 3 units, 3 lecture hours, 1 lab hour, (Formerly Computer Information Systems and Information Systems 17). Revised course description, objectives, texts, and content. (unique) (voc)
- 34. **Dental Hygiene 4, Oral Radiography, 4 units, 2 lecture hours, 6 lab hours.** Revised course objectives and content. **(unique) (voc)**
- 35. **Dental Hygiene 5B, Clinical Dental Hygiene II, 5 units, 16 lab hours.** Revised course objectives, texts, and content. **(unique) (voc)**
- 36. **Dental Hygiene 7A, Community Dental Health I, 2 units, 2 lecture hours.** Revised course objectives, texts, out-of-class assignments. **(unique) (voc)**
- 37. **Dental Hygiene 8A, Patient Management, 2 units, 2 lecture hours.** Revised course objectives and texts. **(unique) (voc)**
- 38. **Dental Hygiene 13, Clinical Seminar Topics, 1 unit, 2 lecture hours.** Revised course objectives and texts. **(unique) (voc)**
- 39. Decision Science 21, Finite Mathematics, 3 units, 3 lecture hours, (Formerly Decision Science 22). Revised course texts. (unique)
- 40. Decision Science 23, Business Statistics, 4 units, 4 lecture hours, (Formerly Business Administration 23). Revised course units and hours to 3 units, 3 lecture hours, 1 lab hour. Revised course objectives, texts, methods of evaluation, and content. (in lieu of RC's and CCC's STAT 7) (voc)

- 41. History 34, History of the American Civil Rights Movement, 3 units, 3 lecture hours, (See also African-American Studies 34). Revised course texts, content, and methods of instruction. (unique)
- 42. Journalism 15, Basic Editing for Journalists, 2 units, 2 lecture hours. Revised course units and hours to 3 units, 3 lecture hours. Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, and content. (unique) (voc)
- 43. **Music 1A, Music Theory I, 3 units, 3 lecture hours.** Revised course objectives and methods of evaluation. (in lieu of RC's MUS 1A)
- 44. **Music 3, Music Fundamentals, 3 units, 3 lecture hours, 1 lab hour.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. (in lieu of RC's MUS 3)
- 45. **Music 5, Computer Music Production, 3 units, 2 lecture hours, 2 lab hours.** Revised course texts, out-of-class assignments, content, and methods of instruction. **(unique)**
- 46. **Music 6, Jazz Arranging and Composition, 3 units, 3 lecture hours.** Revised course description, texts, out-of-class assignments, and methods of evaluation. **(unique)**
- 47. **Music 7A, Ear Training I, 1 unit, 1 lecture hour, 1 lab hour.** Revised course methods of instruction. (in lieu of RC's MUS 7A)
- 48. **Music 7B, Ear Training: Level II, 1 unit, 1 lecture hour, 1 lab hour.** Revised course methods of instruction. (in lieu of RC's MUS 7B)
- 49. **Music 9, Composition, 2 units, 2 lecture hours.** Revised course objectives, texts, methods of evaluation, and methods of instruction. **(unique)**
- 50. **Music 10B, Intermediate/Advanced Jazz Improvisation, 2 units, 1 lecture hour, 3 lab hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, and content. **(unique)**
- 51. Music 12, Music Appreciation, 3 units, 3 lecture hours. Revised course texts and content. (in lieu of RC's and CCC's MUS 12)
- 52. **Music 13, History of Music, 3 units, 3 lecture hours, (Formerly Music 11).** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
- 53. Music 16, Jazz History and Appreciation, 3 units, 3 lecture hours. Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, and methods of instruction. (in lieu of RC's and CCC's MUS 16)
- 54. **Music 17, History of Rock, 3 units, 3 lecture hours.** Revised course objectives, texts, methods of instruction, and student learning outcomes. **(unique)**
- 55. Music 20, Beginning Piano: Level I, 2 units, 1 lecture hour, 3 lab hours, (Formerly Music 20A). Revised course texts and methods of evaluation. (in lieu of RC's MUS 20)
- 56. Music 21, Beginning Piano: Level II, 2 units, 1 lecture hour, 3 lab hours, (Formerly Music 20B). Revised texts, course methods of evaluation, and student learning outcomes. (in lieu of RC's MUS 21)

- 57. Music 22, Intermediate/Advanced Piano, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 21). Revised course texts, content, and student learning outcomes. (in lieu of RC's MUS 22)
- Music 24, Elementary Voice: Level I, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 25A). Revised course title to Beginning Voice: Level I. Revised course units and hours to 2 units, 1.5 lecture hours, 2 lab hours. Revised course description, objectives, out-of-class assignments, methods of evaluation, and content. (in lieu of RC's MUS 24)
- 59. Music 25, Elementary Voice: Level II, 1 unit, 1 lecture hour, 1 lab hour, (Formerly Music 25B). Revised course title to Beginning Voice: Level II. Revised course units and hours to 2 units, 1.5 lecture hours, 2 lab hours. Revised course description, texts, and content. (unique)
- 60. **Music 26, Intermediate/Advanced Voice, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3).** Revised course description, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. **(unique)**
- 61. **Music 27, Beginning Guitar: Level I, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 28A).** Revised course units and hours to **2 units, 1.5 lecture hours, 2 lab hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 27)**
- 62. Music 28, Beginning Guitar: Level II, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 28B). Revised course units and hours to 2 units, 1.5 lecture hours, 2 lab hours. Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. (in lieu of RC's MUS 28)
- 63. Music 29, Intermediate/Advanced Guitar, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3). Revised course advisory to read: Advisory: None. Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. (unique)
- 64. **Music 30, College Choir, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course texts, out-ofclass assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 31)**
- 65. **Music 34, Fresno Chorale, 1-2 units, 4-6 lab hours, (Repeats = 3), (Formerly Music 31).** Revised course prerequisite to read: **Prerequisite: Audition required.** Revised course description, objectives, out-of-class assignments, methods of evaluation, content, and methods of instruction. **(unique)**
- 66. **Music 35, City Singers, 2 units, 6 lab hours, (Repeats = 3), (Formerly Music 33).** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
- 67. **Music 39A, Baroque/Classical Opera, 2 units, 1 lecture hour, 3 lab hours.** Revised course title to **Opera Workshop: Baroque/Classical.** Revised course description, texts, methods of evaluation, content, and methods of instruction. **(unique)**
- 68. **Music 39B, Romantic and Modern Opera, 2 units, 1 lecture hour, 3 lab hours.** Revised course title to **Opera Workshop: Romantic Period.** Revised course description, objectives, texts, methods of evaluation, content, and student learning outcomes. **(unique)**
- 69. **Music 39C, Classic Musical Theatre, 2 units, 1 lecture hour, 3 lab hours.** Revised course texts, methods of evaluation, and content. **(unique)**

- 70. **Music 39D, Contemporary Opera and Musical Theatre, 2 units, 1 lecture hour, 3 lab hours.** Revised course objectives, texts, out-of-class assignments, and content. **(unique)**
- 71. **Music 41, Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, out-of-class assignments, methods of evaluation, and content. **(in lieu of RC's MUS 41)**
- 72. Music 42A, Intermediate/Advanced Brass (Brass Choir), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 42). Revised course corequisite to read: Corequisite: None. Revised course advisory to read: Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition. (unique)
- 73. Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 43). Revised course corequisite to read: Corequisite: None. Revised course advisory to read: Advisory: Eligibility for English 1A recommended. Ability to perform on a woodwind instrument at a college level as determined by audition. Revised course texts. (unique)
- 74. Music 42C, Intermediate/Advanced Strings (String Orchestra), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 44). Revised course corequisite to read: Corequisite: None. Revised course advisory to read: Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition. Revised course content. (unique)
- 75. Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 46). Revised course corequisite to read: Corequisite: None. Revised course advisory to read: Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition. Revised course texts. (unique)
- 76. Music 47A, Jazz Combo: New Orleans, Swing and Bop, 2 units, 1 lecture hour, 3 lab hours. Revised course advisory to read: Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended. Revised course student learning outcomes. (unique)
- 77. **Music 47B, Jazz Combo: Cool and Mainstream, 2 units, 1 lecture, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course texts and methods of instruction. **(unique)**
- 78. **Music 47C, Jazz Combo: Modern and Fusion, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course objectives, texts, and methods of instruction. **(unique)**
- 79. **Music 47D, Jazz Combo: World Music, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course objectives, texts, content, and methods of instruction. **(unique)**
- 80. Music 48, Latin Jazz Ensemble, 2 units, 1 lecture hour, 3 lab hours, (See also Chicano-Latino Studies 18). Revised course prerequisite to read: Prerequisite: None. Revised course advisory to read: Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Revised course texts and methods of evaluation. (unique)

- 81. **Music 53, Latin Jazz Workshop, 2 units, 1 lecture hour, 3 lab hours.** Revised course prerequisite to read: **Prerequisite: None.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition.** Revised course texts and content. **(unique)**
- 82. **Music 54, Afro-Latin Ensemble, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform an instrument or voice at college level as determined by audition.** Revised course texts. **(unique)**
- 83. Music 55, Afro-Caribbean, 2 units, 1 lecture hour, 3 lab hours. Revised course advisory to read: Advisory: Ability to perform an instrument or voice at college level as determined by audition. Revised course texts. (unique)
- 84. Music 57, Solo Repertoire Studies I, 1 unit, 3 lab hours. Revised course objectives. (unique)
- 85. **Music 60, Symphonic Choir, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
- 86. **Music 63, Chamber Singers, 2 units, 6 lab hours.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, and methods of instruction. **(unique)**
- 87. **Music 68, Symphonic Band, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course advisory to read: **Advisory: None. (unique)**
- 88. **Music 70, Contemporary Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, and content. **(unique)**
- 89. **Music 71, Lab Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. **(unique)**
- 90. **Music 72, Jazz Composer's Orchestra, 2 units, 1 lecture hour, 4 lab hours.** Revised course objectives, methods of evaluation, and content. **(unique)**
- 91. Music 74C, Intermediate/Advanced String Performance Practices, 1-2 units, 1 lecture hour, 1-3 lab hours. Revised course content. (unique)
- 92. Music 76, College Philharmonic Orchestra, 1-2 units, 4-6 lab hours, (Repeats = 3). Revised course objectives. (unique)
- 93. **Music 90, Jazz Composers Workshop, 2 units, 1 lecture hour, 4 lab hours.** Revised course content and methods of instruction. **(unique)**
- 94. **Music 91, Jazz Composers Ensemble, 2 units, 1 lecture hour, 4 lab hours.** Revised course objectives, texts and content. **(unique)**
- 95. **Music 92, Vocal Jazz Ensemble, 2 units, 1 lecture hour, 4 lab hours, (Repeats = 3).** Revised course texts, out-of-class assignments, methods of evaluation, and content. **(unique)**
- 96. Physical Education 45, Performance Training and Conditioning Techniques for Intercollegiate Athletics, 1-2 units, 2-5 lab hours, (Repeats = 3). Revised course units and hours to 0.5-2 units, 2-6 lab hours. (in lieu of RC's and CCC's PE 45)

- 97. Sociology 14, Sociology of the Mexican American Community, 3 units, 3 lecture hours, (See also Chicano-Latino Studies 14), (Formerly Cultural Studies 14). Revised course texts and methods of instruction. (unique)
- 98. Spanish 2NS, Preparatory Spanish for Native Speakers, 5 units, 5 lecture hours. Revised course content. (unique)
- 99. Women's Studies 10, Changing Roles of Women, 3 units, 3 lecture hours. Revised course objectives, texts, out-of-class assignments, and methods of evaluation. (unique)
- 100. Women's Studies 24, La Chicana and Latina, 3 units, 3 lecture hours, (See also Chicano-Latino Studies 24). Revised course description, texts, and content. (unique)
- 101. Women's Studies 30, Asian-American Women, 3 units, 3 lecture hours (See also Asian-American Studies 30). Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. (unique)
- 102. Women's Studies 41, African-American Women's Studies, 3 units, 3 lecture hours. Revised course description, objectives, texts, methods of evaluation, and student learning outcomes. (unique)

#### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

- 1. **Music 111, The Music Business, 3 units, 3 lecture hours.** Revised course description, texts, out-of-class assignments, methods of evaluation, content, and methods of instruction. **(unique) (voc)**
- 2. **Music 112, Introduction to Finale, 2 units, 1 lecture hour, 3 lab hours.** Revised course texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**

Office of Instruction

PROPOSED **DELETED COURSES** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- African American Studies 13, 3 units, 3 lecture hours. The majority of the content of this course is also covered in the course African American Studies (AFRAM) 15. Modifications to AFRAM 15 were made to insure that primary SLO content from the deleted course are still measurable. (unique)
- 2. Music 66, Opera Performance Practices, 2 units, 1 lecture hour, 3 lab hours. 5 Year Curriculum Review. (unique)
- 3. **Music 67, Musical Theatre Practices, 2 units, 1 lecture hour, 3 lab hours.** 5 Year Curriculum Review. **(unique)**
- 4. **Music 77, Studio Jazz Combo, 2 units, 1 lecture hour, 3 lab hours.** 5 Year Curriculum Review. **(unique)**
- 5. **Music 78, Lab Jazz Combo, 2 units, 1 lecture hour, 3 lab hours.** 5 Year Curriculum Review. **(unique)**

Office of Instruction

### PROPOSED **REVISED PROGRAMS** Effective Spring 2018 Approved and Recommended by the Curriculum Committee

### To ECPC November 18, 2016

#### RADIOLOGIC TECHNOLOGY #4570 (voc)

Associate in Science **Courses revised** Radiologic Technology 1A, Fundamentals of Radiologic Technology Radiologic Technology 1B, Basic Radiographic Positioning Laboratory Radiologic Technology 1C, Clinical Orientation Laboratory Radiologic Technology 1D, Nursing Procedures in Radiologic Technology

# Fresno City College Office of Instruction

## PROPOSED NEW COURSES

Effective Spring 2018 Approved and Recommended by the Curriculum Committee

### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

Music 151, Piano Teaching II, 2 units, 2 lecture hours, 1 lab hour. Prerequisite: Music 150. Pedagogical techniques for teaching intermediate level piano students. Performance of solo and ensemble piano literature. (unique)

Office of Instruction

## PROPOSED **REVISED COURSES** Effective Spring 2018 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- 1. Radiologic Technology 1A, Fundamentals of Radiologic Technology, 6 units, 6 lecture hours. Revised course prerequisite to read: Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B. Revised course texts. (unique) (voc)
- Radiologic Technology 1B, Basic Radiographic Positioning Laboratory, 1 unit, 3 lab hours. Revised course prerequisite to read: Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B. Revised course advisory to read: Advisory: Eligibility for English 1A and Mathematics 201 recommended. Revised course out-of-class assignments and methods of instruction. (unique) (voc)
- 3. Radiologic Technology 1C, Clinical Orientation Laboratory, 3 units, 9 lab hours. Revised course prerequisite to read: Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B. Revised course methods of instruction. (unique) (voc)
- 4. Radiologic Technology 1D, Nursing Procedures in Radiologic Technology, 3 units, 3 lecture hours. Revised course prerequisite to read: Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B. (unique) (voc)

Office of Instruction

## PROPOSED DISTANCE EDUCATION

Effective Spring 2017 and Fall 2017 Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### 1. New, 100% Internet, new

- a. Effective Spring 2017
  - i. Allied Health 100, Introduction Health Careers
  - ii. Computer Aided Drafting and Design 14, 2D CAD I
  - iii. Computer Aided Drafting and Design 16, 3D Solid Modeling I
  - b. Effective Fall 2017
  - i. African-American Studies 1, Introduction to African American Studies
  - ii. African-American Studies 3, African-American Art
  - iii. African-American Studies 15, African-American Music
  - iv. American Indian Studies 31, American Indian Culture
  - v. American Indian Studies 32, American Indian History
  - vi. American Indian Studies 34, The American Indian in Contemporary Society
  - vii. American Indian Studies 35, American Indian Art
  - viii. Decision Science 21, Finite Mathematics
  - ix. Decision Science 23, Business Statistics
  - x. Health Information Technology 16, Healthcare Reimbursement
  - xi. Health Science 1, Contemporary Health Issues
  - xii. Women's Studies 47, Introduction to Lesbian and Gay Studies

#### 2. Internet and Face-to-Face, new

- a. Effective Spring 2017
  - i. Photography 23, Photoshop 2: Digital Darkroom (60% Internet, 40% Face-to-Face)
- b. Effective Fall 2017
  - i. Computer Information Technology 62, Beginning Objective C Programming (40% Internet, 60% Face-to-Face)
  - ii. Computer Information Technology 63, Beginning Java Programming (40% Internet, 60% Face-to-Face)
  - iii. Computer Information Technology 65, Android Programming Applications (40% Internet, 60% Face-to-Face)
  - iv. Computer Information Technology 66, Beginning C++ Programming (40% Internet, 60% Face-to-Face)
  - v. Computer Information Technology 69, iOS Programming Applications (40% Internet, 60% Face-to-Face)
  - vi. Computer Information Technology 70, Beginning Swift Programming (40% Internet, 60% Face-to-Face)
  - vii. English for Multi-Lingual Students 263R, Low Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)
  - viii. English for Multi-Lingual Students 263W, Low Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
  - ix. English for Multi-Lingual Students 264R, Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)

- x. English for Multi-Lingual Students 264W, Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
- xi. English for Multi-Lingual Students 265R, High Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)
- xii. English for Multi-Lingual Students 265W, High Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
- xiii. Physical Education 27, Cardio Interval Training (90% Internet, 10% Face-to-Face)
- xiv. Spanish 9, Spanish Business and Culture (50% Internet, 50% Face-to-Face)
- xv. Welding Technology 2B, Advanced Multi-Process Welding (20% Internet, 80% Face-to-Face)
- xvi. Women's Studies 10, Changing Roles of Women (75% Internet, 25% Face-to-Face)

Office of Instruction

## FIVE-YEAR CURRICULUM REVIEW

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

(Courses listed under discipline had revisions to texts only or no revision.)

#### 1. African-American Studies

#### 2. American Indian Studies

American Indian Studies 20, Native Peoples of California American Indian Studies 31, American Indian Culture American Indian Studies 32, American Indian History American Indian Studies 35, American Indian Art

## 3. American Studies

American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society

#### 4. Asian-American Studies

#### 5. Chicano-Latino Studies

Chicano-Latino Studies/Dance 17A, Beginning Mexican Folk Dance Chicano-Latino Studies/Dance 17B, Beginning Intermediate Mexican Folk Dance Chicano-Latino Studies 21, Chicano Literature Chicano-Latino Studies/Dance 27A, Intermediate Mexican Folk Dance Chicano-Latino Studies/Dance 27B, Advanced Mexican Folk Dance

#### 6. Music

Music 1B, Music Theory II Music 2A, Music Theory III Music 2B, Music Theory IV Music 4. Jazz Theory Music 7C, Ear Training: Level III Music 7D, Ear Training: Level IV Music 8, Audio Engineering Music 10A, Beginning Jazz Improvisation Music 18, Basic Conducting and Score Reading Music 40, Concert Band Music 46, Symphony Orchestra Music 49, Advanced Large Ensemble Music 59, Advanced Chamber Ensembles Music 74A, Intermediate/Advanced Brass Performance Practices Music 74B, Intermediate/Advanced Woodwind Performance Practices Music 74D. Intermediate/Advanced Percussion Performance Practices

#### 7. Women's Studies

Women's Studies/Sociology 5, Sociology of Rape Women's Studies/Sociology 7, Domestic Violence: Abuse within the Family Women's Studies 47, Introduction to Lesbian and Gay Studies

Office of Instruction

## **PROGRAM REVIEW FALL 2016**

To ECPC November 18, 2016

#### **INSTRUCTIONAL PROGRAMS**

- 1. Air Conditioning
- 2. Automotive Collision Repair
- 3. Automotive Technology, GM-ASEP
- 4. Child Development
- 5. Computer Science
- 6. Economics
- 7. Foreign Languages
- 8. Geography
- 9. Graphic Communications
- 10. Humanities
- 11. Registered Nursing

#### NON-INSTRUCTIONAL PROGRAMS

- 1. Allied Health, Physical Education & Athletics
- 2. Applied Technology
- 3. Fine Performing & Communication Arts
- 4. Humanities
- 5. International Students
- 6. Math, Science & Engineering
- 7. Police Academy
- 8. Social Sciences



## PROPOSED PROGRAM MODIFICATIONS EFFECTIVE FALL 2016

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

### Psychology

Associate in Arts for Transfer Degree Courses added, existing Biology 10 Introduction to Life Science Lecture Biology 10L Introduction to Life Science Lab



## PROPOSED COURSE MODIFICATIONS EFFECTIVE SPRING 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

### **DEGREE APPLICABLE TRANSFER**

- 1. Education 10 Introduction to Teaching, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: English 1A. Added limitation on enrollment *This course requires verification of measles vaccination and pertussis, freedom of tuberculosis, and verification of flu vaccination within the past 12 months.* (in-lieu FCC's EDUC 30, CCC's EDUC 10)
- 2. Plant Science 16 Wine Sensory Analysis and Evaluation, 3 units, 3 lecture hours, pass/no pass. Advisories: English 1A and Mathematics 103. Revised units to 1, lecture hours to 1. (unique) (voc)



### NEW COURSE PROPOSALS EFFECTIVE SPRING 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

## **DEGREE APPLICABLE, NON TRANSFER**

- 1. Flight 104 Remote Pilot Ground School (small Unmanned Aircraft Systems (sUAS)), 1 unit, 1 lecture hour, pass/no pass. Advisories: English 125 or 130 and 126 and eligibility for Mathematics 201. The Remote Pilot Ground School (sUAS) course provides classroom training for individuals seeking a remote pilot's license. This course will prepare students to take the FAA written examinations required for certification. Some of the topics covered will include applicable regulations relating to sUAS, airspace classification and operating requirements, the effects of weather on small UA performance, small UA loading and performance, emergency procedures, and maintenance and inspection procedures. (unique) (voc)
- 2. Nursing Assistant Training 102 Nursing Assistant Theory, 5.5 units, 5.6 lecture hours. Advisories: Mathematics 250, Office Technology 10, and English 125 and English 126. The content of the Nursing Assistant Training course includes personal care skills and communication skills with emphasis on caring for the geriatric and rehabilitative resident, for entry level positions. This competency-based course prepares students in core skills needed for more advanced courses in the health care careers and is held in the classroom located at the skilled nursing facility. This course prepares the student to be eligible to attend NAT clinical 103. Upon successful completion of this course students are able to practice skills at the bed side during NAT- clinical 103. (unique)
- 3. Nursing Assistant Training 103 Nursing Assistant Clinical, 2 units, 6 lab hours, pass/no pass only. Prerequisites: Nursing Assistant Training 102. The content of the Nursing Assistant Clinical course includes personal care skills and communication skills with emphasis on caring for the geriatric and rehabilitative resident, for entry level positions. This competency-based course prepares students in core skills needed for more advanced courses in the health care careers and is held in a community training site. This course prepares the student to be employed in a licensed extended care facility, an intermediate care facility, an acute hospital, hospice services agencies, or clinic. Upon successful completion of this course students are able to take a state mandated test and be approved as Certified Nursing Assistant by the Department of Health Services. (unique)



## PROPOSED COURSE DELETIONS EFFECTIVE FALL 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

## NON DEGREE APPLICABLE, NON TRANSFER

- 1. Mechanized Agriculture 201 Diesel Electrical Troubleshooting (voc)
- 2. Mechanized Agriculture 202 Diesel Engines (voc)
- 3. Mechanized Agriculture 203 Transmissions and Torque Converters (voc)
- 4. Mechanized Agriculture 204 Hydraulics (voc)



### PROPOSED COURSE MODIFICATIONS EFFECTIVE FALL 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

### **DEGREE APPLICABLE TRANSFER**

- 1. Animal Science 2 Beef Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125 and 126*. (unique) (voc)
- Animal Science 3 Sheep Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised title to *Small Ruminant Production*, catalog description, advisories to *English 125 and 126*, and student learning outcomes. (unique) (voc)
- 3. Animal Science 4 Swine Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised catalog description and advisories to *English* 125 and 126. (unique) (voc)
- 4. Animal Science 5 Animal Nutrition, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125, 126, and Mathematics 201.* (unique) (voc)
- Animal Science 6 Livestock Selection and Evaluation, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to English 125 and 126. (unique) (voc)
- 6. Animal Science 10 Meat Evaluation and Processing, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126 and Mathematics 201. Revised advisories to *English 125, 126, and Mathematics 201* and student learning outcomes. (unique) (voc)
- Animal Science 21 Equine Science, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to English 125 and. (unique) (voc)
- 8. Animal Science 22, Equine Reproduction, 3 units, 2 lecture hours, 3 lab hours. Revised advisories to *English 125 and 126*. (unique) (voc)
- 9. Animal Science 23 Introductory Farrier Science, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 1A. Revised catalog description, advisories to *English* 125 and 126. (unique) (voc)



- 10. Animal Science 24 Equitation, 2 units, 1 lecture hour, 3 lab hours, pass/no pass, 2 repeats. Advisories: Eligibility for English 125 and 126. Revised catalog description and advisories to *English 125 and 126*, repeats to 3. (unique) (voc)
- 11. Animal Science 25 Basic Equine Handling, 1 unit, 3 lab hours. Advisories: English 125 and English 126. Revised catalog description. (unique) (voc)
- 12. Animal Science 26 Western Riding & Horsemanship, 2 units, 1 lecture hours, 3 lab hours, 3 repeats. Advisories: English 125 and 126. Revised catalog description and course objectives. (unique) (voc)
- 13. Animal Science 31 Prerequisite Programs for Food Safety, 1 unit, 1 lecture hour. Corequisites: Animal Science 32 and 33. Advisories: English 125 English 126. Revised catalog description. (unique) (voc)
- Animal Science 32 Introduction to Hazard Analysis and Critical Control Points, 1 unit, 1 lecture hour. Corequisites: Animal Science 31 and 33. Advisories: English 125 English 126. Revised catalog description. (unique) (voc)
- 15. Animal Science 33 Verification and Validation of HACCP Systems, 1 unit, 1 lecture hour. Corequisites: Animal Science 31 and 32. Advisories: English 125 English 126. Revised catalog description. (unique) (voc)
- 16. Animal Science 34 Internal Auditing of Food Safety Management, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Animal Science 31, 32, and 33. Advisories: English 125 English 126. Revised catalog description. (unique) (voc)
- 17. Animal Science 40 Fairs and Expositions, 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125 and 126, 3 repeats. Revised title to *Livestock Exhibition and Marketing*, catalog description and advisories to *English 125 and 126*. (unique) (voc)
- Automotive Technology 9 Automotive Essentials, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 or 130 and 126. Revised advisories to English 125 and 126. (in-lieu FCC's AUTOT 9) (voc)
- Automotive Technology 10 Automotive Technician Program, 16 units, 9 lecture hours, 21 lab hours. Prerequisites: Automotive Technology 9. Advisories: Eligibility for English 125 or 130, 126 and Mathematics 201. Revised advisories to English 125, 126, and Mathematics 201. (unique) (voc)
- 20. Automotive Technology 11 Automotive Technician Program, 16 units, 9 lecture hours, 21 lab hours. Prerequisites: Automotive Technology 9. Advisories: Eligibility for



English 125 or 130, 126 and Mathematics 201. Revised advisories to *English 125, 126, and Mathematics 201*. (unique) (voc)

- 21. Automotive Technology 19V Cooperative Work Experience, Automotive Technician, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Prerequisites: Automotive Technology 9 and 10. Corequisites: Automotive Technology 11. Revised catalog description. (unique) (voc)
- 22. Information Systems 50B Intermediate Game Programming, 3 units, 3 lecture hours, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 201. Prerequisites: Information Systems 15. Revised title to Introduction to Game Programming using Unity 3D, catalog description, advisories to English 125, 126, and Mathematics 201, student learning outcomes, and course objectives. (in-lieu CCC's IS 50B) (voc)
- 23. Manufacturing Technology 19V Cooperative Work Experience Manufacturing Technology, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Revised advisories to English 125, 126 and Mathematics 103, prerequisites to Manufacturing Technology 60 or 80. (unique) (voc)
- 24. Manufacturing Technology 21, Industrial Materials, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205. Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 25. Manufacturing Technology 22, Blueprint Reading, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205. Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 26. Manufacturing Technology 23, Electricity, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205. Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 27. Manufacturing Technology 24, Hydraulics, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205. Revised catalog description and advisories to *English 125, 126 and Mathematics 103*. (unique) (voc)
- 28. Manufacturing Technology 60 Introduction to Welding, 6 units, 4 lecture hours, 5.5 lab hours, pass/no pass. Prerequisites: Industrial Technology 205. Revised lecture hours to 5, lab hours to 6 and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 29. Manufacturing Technology 61 Intermediate Welding, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: MFGT 60 or equivalent course or verified work



**experience in the field.** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)

- 30. Manufacturing Technology 62 Advanced Welding, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: MFGT 61 or equivalent course or verified work experience in the field. Revised catalog description and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- Manufacturing Technology 63 Welding Certification Preparation, 1 unit, 3 lab hours, pass/no pass. Corequisites: Manufacturing Technology 61 (previously or concurrently). Revised corequisites to *none*, prerequisites to *Manufacturing Technology* 61 and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 32. Manufacturing Technology 80 Introduction to Machine Shop, 6 units, 4 lecture hours, 5.5 lab hours, pass/no pass. Prerequisites: Industrial Technology 205. Revised units to 5, lecture hours to 3, lab hours to 6 and advisories to English 125, 126, and Mathematics 103. (unique) (voc)
- 33. Manufacturing Technology 81 Intermediate Machine Shop, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 34. Manufacturing Technology 82 Advanced Machine Shop, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: Manufacturing Technology 81 or equivalent course or verified work experience in the field. Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 35. Manufacturing Technology 83 Machine Shop Certification Preparation, 1 unit, 3 lab hours, pass/no pass. Corequisites: Manufacturing Technology 81 (Previous or Concurrent). Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 36. Manufacturing Technology 91 Motor Control 1, 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 23. Revised advisories to *English 125*, *126, and Mathematics 103*. (unique) (voc)
- 37. Manufacturing Technology 92 Motor Controls 2, 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 91. Revised catalog description and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 38. Manufacturing Technology 93 Programmable Logic Controllers (PLC's), 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 92. Revised title to *Programmable Logic Controllers (PLCs)*, catalog description and advisories to *English 125, 126, and Mathematics*. (unique) (voc)



- **39.** Manufacturing Technology 94 Introduction to Solar Technology, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Manufacturing Technology 93. Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 40. Mechanized Agriculture 20 Equipment Technician: Diesel Engines, Service Fundamentals, Machine Systems, 11 units, 8 lecture hours, 9 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201. Revised advisories to English 125, 126 and eligibility for Mathematics 201. (unique) (voc)
- 41. Mechanized Agriculture 21 Equipment Technician: Transmissions, Torque Converters, & Air Conditioning, 8 units, 6 lecture hours, 6 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201. Revised title to Equipment Technician: Power Train I and Mobile Vehicle Air Conditioning and advisories to English 125, 126 and eligibility for Mathematics 201. (unique) (voc)
- 42. Mechanized Agriculture 30 Equipment Technician: Electrical, Hydraulic Systems & Welding, 11 units, 8 lecture hours, 9 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201. Revised advisories to *English 125, 126 and eligibility for Mathematics 201*. (unique) (voc)
- 43. Mechanized Agriculture 31 Equipment Technician: Fuel Systems & Machine Undercarriage, 8 units, 6 lecture hours, 6 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201. Revised title to Equipment Technician: Fuel Systems & Power Train II, advisories to English 125, 126 and eligibility for Mathematics 201 and catalog description. (unique) (voc)
- 44. Mechanized Agriculture 40 Introduction to Agricultural Mechanics, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised advisories to *English 125, 126 and eligibility for Mathematics*. (unique) (voc)
- 45. Mechanized Agriculture 41 Introduction to Agricultural Welding, 3 units, 2 lecture hours, 3 lab hours. Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
- 46. Mechanized Agriculture 42 Small Gasoline and Diesel Engines, 3 units, 2 lecture hours, 3 lab hours. Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
- 47. Mechanized Agriculture 43 Electrical and Hydraulic Fundamentals, 3 units, 2 lecture hours, 3 lab hours. Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)



- **48.** Mechanized Agriculture 44 Agriculture Welding Fabrication 3 units, 2 lecture hours, **3 lab hours.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
- 49. Mechanized Agriculture 50 Heavy Duty Brake Systems, 4 units, 2 lecture hours, 6 lab hours. Advisories: Eligibility for English 1A and Math 201. Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
- 50. Mechanized Agriculture 51 Heavy Duty Suspension and Steering, 4 units, 2 lecture hours, 6 lab hours. Advisories: Eligibility for English 1A and Math 201. Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
- 51. Natural Resources 1 Introduction to Forestry, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
- 52. Natural Resources 3, Computers in Natural Resources, 1 unit, .5 lecture hour, 1.5 lab hours. Advisories: Eligibility for English 126. Revised advisories to *English 125 and 126*, student learning outcomes and course objectives. (unique) (voc)
- 53. Natural Resources 4 Forest Ecosystems, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 54. Natural Resources 5 Wildland Fire Technology, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
- 55. Natural Resources 6 Dendrology, 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 4, eligibility for English 125 and 126. Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 56. Natural Resources 7 Conservation of Natural Resources, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 and 126. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
- 57. Natural Resources 8 Natural Resources Career Preparation, 1 unit, 1 lecture hour. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125 and 126*. (unique) (voc)
- 58. Natural Resources 11 Silviculture, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog



description, advisories to *English 125 and 126* and student learning outcomes. (unique) (voc)

- 59. Natural Resources 12 Watershed Ecology, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
- 60. Natural Resources 14 Principles of Wildlife Management, 3 units, 2 lecture hours, 3 lab hours, Advisories: Natural Resources 6, eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 61. Natural Resources 17 Introduction to Forest Surveying, 3 units, 2 lecture hours, 3 lab hours, Advisories: Mathematics 103 or 4A and eligibility for English 125 and 126. Revised catalog description, advisories to *Mathematics 103 or 4A*, *English 125 and 126*, and student learning outcomes. (unique) (voc)
- 62. Natural Resources 18 Aerial Photo Interpretation & Geographic Information Systems, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126 and Mathematics 201. Revised title to *Aerial Photo Interpretation & Geographic Information Systems*, catalog description and advisories to *English 125 and 126*. (unique) (voc)
- 63. Natural Resources 19V Cooperative Work Experience Forestry, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Revised catalog description. (unique) (voc)
- 64. Natural Resources 20 Forest Measurements, 3 units, 2 lecture hours, 3 lab hours. Advisories: Mathematics 103, 11, and eligibility for English 125 and 126. Revised catalog description, advisories to *Mathematics 103, English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 65. Natural Resources 21 Forest Products, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 66. Natural Resources 25 Forest and Resource Management, 1 unit, 1 lecture hour. Prerequisites: Natural Resources 1. Advisories: Previous or concurrent enrollment in Natural Resources 11 and 14; eligibility for English 125, 126, and Mathematics 201. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
- 67. Natural Resources 30 Forest Recreation, 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 1 and 6; and eligibility for English 125, 126, and



Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)

- 68. Natural Resources 31 Animal Packing, 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised repeats to 3, catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 69. Natural Resources 32 Museum Techniques Taxidermy, 1 unit, 3 lab hours, pass/no pass. Advisories: Eligibility for English 126. Revised number to 32A, title to Museum Techniques-Beginning Taxidermy, lecture hours to .5, lab hours to 2.5, grading basis to graded only, advisories to English 126, student learning outcomes, and course objectives. (unique) (voc)
- 70. Natural Resources 35 Interpretation of Natural Resources, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: Corequisites: Natural Resources 1 and 6. Eligibility for English 1A. Revised catalog description, grading basis to graded only, advisories to English 125, 126, and Natural Resources 1, student learning outcomes, and course objectives. (unique) (voc)
- 71. Natural Resources 36 Natural Resources Law Enforcement, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 and 126. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
- 72. Natural Resources 42 Advanced Wildland Fire Technology, 2 units, 1 lecture hour, 3 lab hours. Prerequisites: Natural Resources 5. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, advisories to English 125 and 126, student learning outcomes, and course objectives. (unique) (voc)
- 73. Natural Resources 43 Wildland Fire Technology 2, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: NR-5 Wildland Fire Technology. Advisories: English 126. Revised advisories to *English 125 and 126*. (unique) (voc)
- 74. Natural Resources 44 Fire Ecology, 3 units, 3 lecture hours. Advisories: English 126. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
- 75. Natural Resources 45 Fuels Management, 3 units, 2 lecture hours, 3 lab hours. Advisories: English 126. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
- 76. Natural Resources 46 Wildland Fire Technology 3, 1 unit. .5 lecture hour, 1.72 lab hours. Advisories: English 126. Revised advisories to English 125 and 126. (unique) (voc)



- 77. Natural Resources 90 Backpacking, 1 unit, .5 lecture hour, 1.5 lab hours, pass/no pass. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, grading basis to *graded only*, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
- 78. Natural Resources 91 Wilderness Navigation, 1 unit, .83 lecture hours 23.94 lab hours. Advisories: English 125 and 126. Revised catalog description, student learning outcomes, and course objectives. (unique) (voc)
- 79. Natural Resources 92 Wilderness Survival, 1 unit, .5 lecture hour, 1.5 lab hours, pass/no pass. Advisories: Eligibility for English 125, 126, and Mathematics 201. Revised catalog description, grading basis to graded only, and advisories to English 125 and 126. (unique) (voc)

## DEGREE APPLICABLE, NON TRANSFERABLE

- 1. Natural Resources 108 Introduction to Forestry Field Studies, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126. Revised catalog description and student learning outcomes. (unique) (voc)
- 2. Natural Resources 109 Forestry Field Studies I, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126. Revised catalog description. (unique) (voc)
- 3. Natural Resources 110, Forestry Field Studies II, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126. Revised student learning outcomes. (unique) (voc)
- 4. Natural Resources 115 Advanced Field Studies I, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126. Revised catalog description. (unique) (voc)
- 5. Natural Resources 116 Advanced Field Studies II, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126. Revised catalog description. (unique) (voc)
- Natural Resources 133, Introduction to Chainsaw Operations, 1 unit, .5 lecture hour, 1.5 lab hours pass/no pass. Eligibility for English 125, 126, and Mathematics 201. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)

## NON DEGREE APPLICABLE, NON TRANSFERABLE

1. Industrial Technology 205 Foundation Skills in Industrial Technology, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Advisories: Eligibility for English 252 or English as a Second Language 225W, English 262 or English as a Second Language



226R, and Mathematics 256. Revised catalog description and advisories to *English 125*, *126*, *and Mathematics 201*. (unique) (voc)

2. Manufacturing Technology 277E Assistance in Welding, 1 unit 3 lab hours pass/no pass only. Prerequisites: IT 205 or equivalent. Corequisites: MFGT 60 or equivalent. Revised units to .5-2, lab hours to 1.5-6. (unique) (voc)



### NEW COURSE PROPOSALS EFFECTIVE FALL 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

## **DEGREE APPLICABLE, TRANSFER**

- 1. Agriculture Education 50 Agriculture Education Orientation, 3 units, 2 lecture hours, 3 lab hours. Advisories: English 125 and 126. This course is an overview of agricultural education in California, including the principle components of agricultural education, developing academic and career plans, and observation in a secondary agricultural education classroom. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject agriculture credential require that candidates observe in subject area at high school or junior high. This course requires verification of measles vaccination and pertussis, freedom of tuberculosis, and verification of flu vaccination within the past 12 months. (unique) (voc)
- 2. Business Administration 61 Field Studies in Business, 3 units, 3 lecture hours, pass/no pass. Advisories: English 1A and two of the following: Economics 1A, 1B, Business Administration 18. Stand Alone Course. This course provides opportunities for students to integrate their academic work with experiences in the business community; which is a key objective for Business Administration majors. To achieve this objective, students will research multiple industries within the business sector and interact with management level personnel in selected enterprises. Learning will occur both in and outside of the classroom. (unique) (voc)
- 3. Manufacturing 51 Manufacturing Essentials, 5 units, 3 lecture hours, 6 lab hours, pass/no pass. Prerequisites: Industrial Technology 205. Advisories: English 125, 126, and Mathematics 103. The study of manufacturing blueprints, materials, fabrication processes, and finishing techniques as used in today's industry. (unique) (voc)
- 4. Manufacturing 52 Manufacturing Fabrication, 4 units, 3 lecture hours, 3.33 lab hours, pass/no pass. Prerequisites: Industrial Technology 205 and Manufacturing Technology 51. Advisories: English 125, 126, and Mathematics 103. This course will provide instruction on metal fabrication. Instruction will be provided in the areas of welding techniques, project planning, sketches/working drawings, material selection, project layout, cutting, fitting, tacking, squaring, and finishing of student projects. (unique) (voc)



- 5. Mathematics 11C Elementary Statistics with Support, 5 units, 5 lecture hours. Prerequisites: Mathematics 103 or 211. Advisories: English 125 and 126. Fulfills RC's Math Competency Graduation Requirement. This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing
- 6. (parametric and nonparametric), correlation and regression, just-in-time-support learning and study skills. Not open to students with credit in MATH 11. (in-lieu FCC's MATH 11, CCC's MATH 11 & STAT 7)
- 7. Plant Science 21 Fermentation Science, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: English 125, 126 and Mathematics 103. Overview of beer brewing, including history, malting, brewing, fermentation, finishing and packaging. In addition, sensory analysis, lab analysis and quality assurance in beer production. Course enrollment is restricted to students 21 years of age or older. (unique) (voc)
- 8. Plant Science 31 Prerequisite Programs for Food Safety, 1 unit, 1 lecture hour. Corequisites: Plant Science 32 and 33. Advisories: English 125 and 126. This course provides an introduction to food safety principles including identification of potential food safety hazards and sources of contamination, understanding the benefits of implementing Good Agricultural Practices (GAPs) and Good Manufacturing Processes (GMPs) into food operations, and identification of the U.S. Regulatory Agencies that enforce food safety standards. (unique) (voc)
- 9. Plant Science 32 Introduction to Hazard Analysis and Critical Control Points, 1 unit, 1 lecture hour. Corequisites: Plant Science 31 and 33. Advisories: English 125 and 126. Introduction to Hazard Analysis and Critical Control Points as a systematic and scientifically based approach to food safety through the identification, monitoring and corrective control of critical hazards in food production facilities. (unique) (voc)
- 10. Plant Science 33 Verification and Validation of HACCP Systems, 1 unit, 1 lecture hour. Corequisites: Plant Science 31 and 32. Advisories: English 125 and 126. Introduction to the verification and validation processes necessary to prove that a food safety management system is scientifically valid by gathering evidence to assure that safe food products will be produced once the food safety management system is implemented. (unique) (voc)
- 11. Plant Science 34 Internal Auditing of Food Safety Management, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Plant Science 31, 32, and 33. Advisories: English 125 and 126. An introduction to the knowledge and skills necessary to conduct an effective internal audit of food safety management systems to evaluate regulatory compliance, detect deficiencies, and implement corrective and preventative actions. (unique) (voc)



- 12. Speech Language Pathology Assistant 1 Introduction to Communication Disorders, 3 units, 3 lecture hours. Advisories: Eligibility for English 1A. Stand Alone Course. This course is designed to address speech and language disorders in children and adults. Topics include speech, hearing, and language disorders, trends in legislation and education, and a review of available community resources. The course provides information to the student exploring a career related to speech and language therapy. (unique) (voc)
- 13. Speech Language Pathology Assistant 2 Speech, Language and Hearing Development, 3 units, 3 lecture hours. Eligibility for English 1A. Stand Alone Course. This course is the study of speech, language and hearing development across the normal human life span. It includes genetic, cultural, and social aspects of communication development. Theories of language acquisition are discussed. Phonological, morphological, syntactic, semantic and pragmatic development will be considered and language sample analysis with typically developing children is practiced. (unique) (voc)

## NON DEGREE APPLICABLE, NON TRANSFERABLE

- 1. Mathematics 211 Pre-Statistics, 5 units, 5 lecture hours, pass/no pass. Prerequisites: Mathematics 250 or 252. Advisories: English 125 or 130 and English 126 or 128. Prestatistics, a non-STEM course, covers core algebra skills needed to understand the concepts, formulas, and graphs used in transfer-level statistics. Pre-statistics integrates numeracy, proportional reasoning, algebraic reasoning, and functions. This course develops conceptual and procedural tools that support the use of key mathematical concepts in statistics in a variety of contexts. This course is NOT intended for math, science, computer science, business, or engineering majors. (unique)
- 2. Mathematics 252 College Arithmetic and Prealgebra, 5 units, 5 lecture hours, pass/no pass. This course covers arithmetic and key concepts in elementary algebra which are typically difficult for elementary algebra students. Topics include arithmetic operations on integers, fractions and decimals, application of order of operations to simplifying arithmetic and algebraic expressions, solving linear equations, graphing linear equations, and applications. (unique)



## PROPOSED PROGRAM DELETIONS EFFECTIVE FALL 2017

Approved and Recommended by the Curriculum Committee

## To ECPC November 18, 2016

**Diesel Engines, Transmissions, Electrical & Hydraulic Systems** (voc) *Certificate* 



#### PROPOSED PROGRAM MODIFICATIONS EFFECTIVE FALL 2017

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### 1. Agriculture Business Associate in Science for Transfer Degree Courses added, existing Plant Science 2L Soils Laboratory

Agriculture Plant Science
 Associate in Science for Transfer Degree
 Courses added, existing
 Plant Science 9 Biometrics
 Plant Science 18 Introduction to Enology
 Courses added, modified
 Agriculture Business 2 Agricultural Economics
 Agriculture Business 3 Agriculture Accounting

#### 3. Business Administration, Entrepreneur

Associate in Science Degree **Courses added, new** Business Administration 61 Field Studies in Business

#### 4. Business Administration: General Business

Associate in Science Degree Courses added, new Business Administration 61 Field Studies in Business

#### 5. Business Administration: Management Associate in Science Degree Courses added, new

Business Administration 61 Field Studies in Business

#### 6. Pest Control Advisor

Certificate of Achievement Courses deleted from program Animal Science 6 Livestock Selection and Evaluation Animal Science 10 Meat Evaluation and Processing Anthropology 1 Biological Anthropology Astronomy 10 Introduction to Astronomy Biology 5 Human Biology Biology 20 Human Anatomy



**Biology 22 Huma Physiology** Geography 5 Physical Geography: Environmental Conditions Geography 9 Physical Geography: Land Formation Geology 1 Physical Geology Geology 2 Historical Geology Geology 9 Introduction to Earth Science Geology 10 Rocks, Fossils, and Minerals Natural Resources 109 Forestry Field Studies I Natural Resources 110 Forestry Field Studies II Physics 2A General Physics I Physics 2B General Physics II Physics 4A Physics for Scientists and Engineers Physics 4B Physics for Scientists and Engineers Physics 4C Physics for Scientists and Engineers Plant Science 11 Machinery Technology

#### 7. **Plant Protection Intern**

Certificate of Achievement **Courses deleted from program** Animal Science 6 Livestock Selection and Evaluation Animal Science 10 Meat Evaluation and Processing Anthropology 1 Biological Anthropology Astronomy 10 Introduction to Astronomy **Biology 5 Human Biology Biology 20 Human Anatomy Biology 22 Huma Physiology** Geography 5 Physical Geography: Environmental Conditions Geography 9 Physical Geography: Land Formation Geology 1 Physical Geology Geology 2 Historical Geology Geology 9 Introduction to Earth Science Geology 10 Rocks, Fossils, and Minerals Natural Resources 109 Forestry Field Studies I Natural Resources 110 Forestry Field Studies II Physics 2A General Physics I Physics 2B General Physics II Physics 4A Physics for Scientists and Engineers Physics 4B Physics for Scientists and Engineers Physics 4C Physics for Scientists and Engineers Plant Science 11 Machinery Technology



### NEW PROGRAM PROPOSALS

EFFECTIVE

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### **Agriculture Education** 1. Associate in Science Degree Courses added, new Agriculture Education 50 Agriculture Education Orientation **Courses added, existing** Agriculture Business 1 Introduction to Agriculture Business Agriculture Business 2 Agricultural Economics Agriculture Business 3 Agriculture Accounting Agriculture Business 4 Computer Applications in Agriculture Agriculture Business 5 Ag Sales and Communications Agriculture Business 8 Agriculture and Natural Resources Ambassadors Environmental Horticulture 30 Principles of Environmental Horticulture Plant Science 1 Introduction to Plant Science Plant Science 2 Soils Plant Science 2L Soils Laboratory Plant Science 3 General Viticulture Plant Science 4A Tree and Vine Management Plant Science 8 Vegetable Production Courses added, modified Animal Science 1 Introduction to Animal Science Animal Science 2 Beef Production Animal Science 3 Small Ruminant Production Animal Science 4 Swine Production Animal Science 6 Livestock Selection and Evaluation Animal Science 40 Livestock Exhibition and Marketing Natural Resources 1 Introduction to Forestry Mechanized Agriculture 40 Introduction to Agricultural Mechanics Mechanized Agriculture 41 Introduction to Agricultural Welding Mechanized Agriculture 42 Small Gasoline and Diesel Engines Mechanized Agriculture 43 Electrical and Hydraulic Fundamentals Mechanized Agriculture 44 Agriculture Welding Fabrication Natural Resources 4 Forest Ecosystems Natural Resources 7 Conservation of Natural Resources Natural Resources 12 Watershed Ecology Natural Resources 20 Forest Measurements

#### 2. Enology

Associate in Science Degree

# **College**

#### Courses added, existing

Chemistry 3A Introductory General Chemistry Chemistry 3B Introductory Organic and Biological Chemistry **Biology 31 Microbiology** Mathematics 11 Elementary Statistics Plant Science 1 Introduction to Plant Science Plant Science 1L Introduction to Plant Science Laboratory Plant Science 2 Soils Plant Science 2L Soils Laboratory Plant Science 3 General Viticulture Plant Science 4A Tree and Vine Management Plant Science 5 Principles of Irrigation Management Plant Science 7 Integrated Pest Management **Plant Science 9 Biometrics** Plant Science 11 Machinery Technology Plant Science 14 Plant Nutrition Plant Science 18 Introduction to Enology **Statistics 7 Elementary Statistics** Courses existing, modified Plant Science 16 Wine Sensory Analysis and Evaluation Courses added, new Plant Science 21 Fermentation Science

#### 3. Enology

Certificate of Achievement **Courses added, existing** Chemistry 3A Introductory General Chemistry **Biology 31 Microbiology** Mathematics 11 Elementary Statistics Plant Science 1 Introduction to Plant Science Plant Science 1L Introduction to Plant Science Laboratory Plant Science 2 Soils Plant Science 2L Soils Laboratory Plant Science 3 General Viticulture Plant Science 4A Tree and Vine Management Plant Science 5 Principles of Irrigation Management Plant Science 7 Integrated Pest Management **Plant Science 9 Biometrics** Plant Science 11 Machinery Technology Plant Science 14 Plant Nutrition Plant Science 18 Introduction to Enology **Statistics 7 Elementary Statistics** Agriculture Business 1 Introduction to Agriculture Business Agriculture Business 2 Agricultural Economics



Agriculture Business 3 Agriculture Accounting Agriculture Business 4 Computer Applications in Agriculture Agriculture Business 5 Ag Sales and Communications

**Courses existing, modified** Plant Science 16 Wine Sensory Analysis and Evaluation **Courses added, new** Plant Science 21 Fermentation Science

**Food Safety in Production Agriculture** 4. *Certificate of Achievement* **Courses added, existing** Agriculture Business 1 Introduction to Agriculture Business Agriculture Business 2 Agricultural Economics Agriculture Business 3 Agriculture Accounting Agriculture Business 4 Computer Applications in Agriculture Agriculture Business 5 Ag Sales and Communications Animal Science 1 Introduction to Animal Science Animal Science 2 Beef Production Animal Science 10 Meat Evaluation and Processing Animal Science 21 Equine Science Animal Science 3 Sheep Production Plant Science 1 Introduction to Plant Science Plant Science 2L Soils Laboratory Plant Science 3 General Viticulture Plant Science 4A Tree and Vine Management Plant Science 5 Principles of Irrigation Management Plant Science 6 Pesticides Plant Science 7 Integrated Pest Management Plant Science 11 Machinery Technology Plant Science 14 Plant Nutrition Plant Science 18 Introduction to Enology Courses added, new Plant Science 31 Prerequisite Programs for Food Safety 1 Plant Science 32 Introduction to Hazard Analysis and Critical Control Points 1

- Plant Science 33 Verification and Validation of HACCP Systems 1
- Plant Science 34 Internal Auditing of Food Safety Management 3



#### **PROPOSED DISTANCE EDUCATION**

Approved and Recommended by the Curriculum Committee

#### To ECPC November 18, 2016

#### **EFFECTIVE SPRING 2017**

#### Hybrid

- 1. Agriculture 9 Introduction to Agriculture Business (voc)
- 2. Developmental Services 240 Transition to College for Students with Disabilities

#### **EFFECTIVE Fall 2017**

*Internet with 0%-99% on-campus meetings* English 47 Shakespeare



Office of Instruction

To ECPC November 18, 2016

PROPOSED **DISTANCE EDUCATION** Effective Fall 2016 Approved and Recommended by the Curriculum Committee

#### 1. 100% Internet, new

- a. English 1A, Reading and Composition
- b. English 3, Critical Reading and Writing

#### 2. Open Option/Hybrid – Internet with 1%-99% on-campus meetings, new

- a. English 1A, Reading and Composition (50% online, 50% face-to-face)
- b. Mathematics 11, Elementary Statistics (85.5% online, 14.5% face-to-face) [correction]



Office of Instruction

To ECPC November 18, 2016

PROPOSED **COURSE REVISIONS** Effective Spring 2017 Approved and Recommended by the Curriculum Committee

#### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- Biology 10, Introduction to Life Science Lecture, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A. Revised student learning outcomes and objectives to align with Biology 3. (In lieu RC BIOL-10)
- Biology 10L, Introduction to Life Science Lab, 1 unit, 3 weekly lab hours. Corequisite: Biology 10 Advisories: Eligibility for English 1A. Revised student learning outcomes and objectives to align with Biology 3. (In lieu RC BIOL-10L)
- 4. Child Development 1, Principles and Practices of Teaching Young Children, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-1)

5. Child Development 3, Introduction to Curriculum, 3 units, 3 weekly lecture hours and 1 weekly lab hour. Prerequisites: Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 125 and English 126.

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-3)

6. Child Development 6, Health, Safety, and Nutrition in Early Childhood Education, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-6)

7. Child Development 15, Diversity and Culture in Early Care Education Programs, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-15)

8. Child Development 20, Observation and Assessment, 3 units, 3 weekly lecture hours. Prerequisites: Child Development 1, 3, and 39. Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 125 and English 126.



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Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-20)

PROPOSED **COURSE REVISIONS** Effective Spring 2017 Approved and Recommended by the Curriculum Committee

- 9. Child Development 30, Child, Family, and Community, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126. Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-30)
- 10. Child Development 37A, Early Childhood Practicum, 3 units, 2 weekly lecture hours and 3 weekly lab hours. Prerequisites: Child Development 1, 3, 20, and 39. Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 1A. Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-37A)
- 11. Child Development 39, Child Growth and Development, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126. Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-39)
- 12. Information Systems 15, Computer Concepts, 3 units, 3 weekly lecture hours and 1 weekly lab hour. Advisories: Eligibility for English 126 and Math 201. Revised objectives and updated textbooks for C-ID. (voc) (In lieu RC IS-15)
- 13. Mathematics 201P, Simplifying and Factoring in Elementary Algebra, 0.5 unit, 0.5 weekly lecture hours. Prerequisites: A deficiency on the math placement test with simplifying and factoring algebraic expressions in Elementary Algebra. Changed course title to "Review of Topics before Algebra," increased unit value from 0.5 to 1.0, and weekly lecture hours from 0.5 to 1.0; changed grading basis from "pass/no pass option" to "Pass/no pass only;" changed prerequisite to "Math 250 or placement by college process that would qualify the student to place out of Math 250;" added correquisite of Math 201; revised student learning outcomes, objectives, lecture content, and methods of evaluation/grading.



Office of Instruction

To ECPC November 18, 2016

#### PROPOSED PROGRAM MODIFICATIONS

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

#### 1. CHILD DEVELOPMENT

*Certificate In Child Care for School-Age Children/Associate Teacher* **Courses, revised** Child Development 30, Child, Family, and Community

Child Development 39, Child Growth and Development

#### 2. CHILD DEVELOPMENT

Associate Teacher Certificate of Achievement **Courses, revised** Child Development 1, Principles and Practices of Teaching Young Children Child Development 3, Introduction to Curriculum Child Development 30, Child, Family, and Community Child Development 39, Child Growth and Development

#### 3. CHILD DEVELOPMENT

Child Care for School-Age Children/Teacher Certificate of Achievement Courses, revised

Child Development 1, Principles and Practices of Teaching Young Children Child Development 3, Introduction to Curriculum Child Development 6, Health, Safety, and Nutrition in Early Childhood Education Child Development 15, Diversity and Culture in Early Care and Education Programs Child Development 30, Child, Family, and Community Child Development 39, Child Growth and Development

#### 4. CHILD DEVELOPMENT

Child Development Certificate of Achievement Courses, revised

Child Development 1, Principles and Practices of Teaching Young Children Child Development 3, Introduction to Curriculum Child Development 6, Health, Safety, and Nutrition in Early Childhood Education Child Development 15, Diversity and Culture in Early Care and Education Programs Child Development 20, Observation and Assessment Child Development 30, Child, Family, and Community Child Development 37A, Early Childhood Practicum Child Development 39, Child Growth and Development

#### 5. CHILD DEVELOPMENT

Early Intervention Assistant Certificate of Achievement Courses, revised

Child Development 3, Introduction to Curriculum

Child Development 6, Health, Safety, and Nutrition in Early Childhood Education

Child Development 15, Diversity and Culture in Early Care and Education Programs

Child Development 20, Observation and Assessment

Child Development 30, Child, Family, and Community



Office of Instruction

To ECPC November 18, 2016

Child Development 39, Child Growth and Development

PROPOSED **PROGRAM MODIFICATIONS** Effective Spring 2017 Approved and Recommended by the Curriculum Committee

#### 6. CHILD DEVELOPMENT

Associate in Science Degree in Child Development **Courses, revised** Child Development 1, Principles and Practices of Teaching Young Children Child Development 3, Introduction to Curriculum Child Development 6, Health, Safety, and Nutrition in Early Childhood Education Child Development 15, Diversity and Culture in Early Care and Education Programs Child Development 20, Observation and Assessment Child Development 30, Child, Family, and Community Child Development 37A, Early Childhood Practicum Child Development 39, Child Growth and Development

#### 7. CHILD DEVELOPMENT

## Associate in Science in Early Childhood Education for Transfer Degree **Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children Child Development 3, Introduction to Curriculum Child Development 6, Health, Safety, and Nutrition in Early Childhood Education Child Development 15, Diversity and Culture in Early Care and Education Programs Child Development 20, Observation and Assessment Child Development 30, Child, Family, and Community Child Development 37A, Early Childhood Practicum Child Development 39, Child Growth and Development

#### 8. CHILD DEVELOPMENT

Associate in Arts in Elementary Teacher Education for Transfer Degree **Courses, revised** Child Development 39, Child Growth and Development

#### 9. LIBERAL ARTS & SCIENCES

Associate in Arts Degree, Natural Sciences **Courses, revised** Anthropology 1, Biological Anthropology

#### 10. PSYCHOLOGY

Associate in Arts in Psychology for Transfer Degree **Courses revised** Child Development 39, Child Growth and Development

#### **11. SOCIAL SCIENCE**



Contentity Clovis Community College

Office of Instruction

To ECPC November 18, 2016

Associate in Arts Degree Courses, revised Anthropology 1, Biological Anthropology

### PROPOSED DISTANCE EDUCATION

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### 1. 100% Internet, new

a. Business 30, Personal Finance



Office of Instruction

To ECPC November 18, 2016

PROPOSED **NEW COURSES** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

1. Business Administration 30, Personal Finance, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A and Math 201.

This course examines the integration of personal financial management with physiological and psychological well-being, and the life-long impact financial decisions have on individuals, families, and society. Topics include time value of money; financial planning strategies; money and credit management; home ownership; home, health, and auto insurance needs; savings and investment strategies; and retirement and estate planning. (voc) (In lieu FCC and RC BA-30)

2. English 205, Skills for Success in English, 2 units, 2 weekly lecture hours. Corequisite: English 1A.

This course will be taught in conjunction with English 1A College Reading and Writing. It will emphasize critical reading, expository and argumentative writing, and mastery of library research techniques. It includes instruction and practice in critical thinking, in analytical reading and evaluation of written work, and in the methods of clearly communicating and supporting ideas in organized, coherent essays.

- 3. Information Systems 20, Technology in Society, 3 units, 3 weekly lecture hours and 1 weekly lab hours. Advisories: Eligibility for English 125 and English 126. An introduction to the nature and function of technology, and the relationship between society and technology. This class will focus on the nature and impact of technology on society, paying particular attention to computing technology and digital communication while using previous technological advances as a basis for comparison. We will consider the social, business, computer science, political, historic, economic and philosophic contexts that both shaped and have been shaped by technological change. Students will explore the emerging field of technology and will learn procedures borrowed from business, computer science, sociology, psychology, and philosophy.
- 4. Interdisciplinary Studies 251, Academic Literacy, 6 units, 6 weekly lecture hours. Prerequisites: English 252 and English 262.

This course is designed to provide intensive instruction in critical thinking, reading, and writing as will be required in English 1A and other college-level courses. Using theme based readings from a variety of academic genres, coursework will emphasize independent reading of complex academic texts, critical response to ideas and information in academic texts, and writing essays that integrate ideas and information from academic texts.

5. Philosophy 3, Introduction to Social and Political Philosophy, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A.

An introduction to and analyses of key concepts in social-political philosophy as discussed by both classical and contemporary philosophers and social-political theorists. Engagement with key arguments and concepts prepares students to develop arguments of their own on contemporary social-political issues.



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PROPOSED **COURSE MODIFICATIONS** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

- Art 3, Two-dimensional Design, 3 units, 2 weekly lecture hours and 4 weekly lab hours. Advisories: Eligibility for English 125 and English 126. Revised catalog description, objectives, lecture/lab content, and updated textbooks to align with C-ID. (In lieu FCC and RC ART-3)
- 2. Art 4, Three-dimensional Design, 3 units, 2 weekly lecture hours and 4 weekly lab hours. Advisories: Eligibility for English 125 and English 126. Revised catalog description, objectives, lecture/lab content, and updated textbooks to align with C-ID. (In lieu FCC and RC ART-4)
- Criminology 1: Introduction to Criminology, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126. Revised student learning outcomes, revised methods of evaluation/grading, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-1)
- 4. Criminology 3: Legal Aspects of Evidence, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-3)
- 5. Criminology 4: Principles & Procedures of the Justice System, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-4)
- Criminology 5: Community Relations, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-5)
- 7. Criminology 6: Criminal Law, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-6)

8. Criminology 7: Police Operations and Procedures, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-7)



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PROPOSED COURSE MODIFICATIONS Effective Fall 2017 Approved and Recommended by the Curriculum Committee

- 9. Criminology 8: Criminal Investigations, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-8)
  10. Criminology 10: Vice Control, 3 units, 3 weekly lecture hours. Advisories: English
- 10. Criminology 10: Vice Control, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu RC

CRIM-10)

11. Criminology 11: Juvenile Delinquency, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-11)

12. Criminology 12: Criminal Justice Communications, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-12)

- 13. Criminology 13: The Constitution and Your Individual Rights, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-13)
- 14. Criminology 14: Multicultural Issues within Public Safety, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu RC CRIM-14)
- 15. Criminology 15: Introduction to Police Ethics, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-15)
- **16. Criminology 19V: Cooperative Work Experience, Criminal Justice, 1-8 units.** Program Review. No changes. (voc) (In lieu RC CRIM-19V)
- 17. Criminology 20: Introduction to Corrections, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.



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Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In

PROPOSED **COURSE MODIFICATIONS** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

lieu FCC and RC CRIM-20)

- 18. Criminology -23: Correctional Interviewing and Counseling, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126. Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-23)
- 19. Criminology 24: Control and Supervision in Corrections, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-24)

20. Criminology 28: Probation and Parole, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-28)

21. English 262, Reading Improvement, 4 units, 3 weekly lecture hours and 2 weekly lab hours.

Prerequisites: English 260 or English as a Second Language 266R or placement by college assessment process.

Revised prerequisite to placement by college assessment process (deleted prerequisites of English 260 or English as a Second Language 266R). Revised weekly lecture hours from 3 to 4 and deleted lab hours for hours-to-units compliance. (In lieu FCC and RC ENGL-262)

- 22. Information Systems 10, Keyboarding, 1 unit, 0.67 weekly lecture hours, 0.67 weekly lab hours. Advisories: Eligibility for English 126. Revised weekly lecture hours from 0.67 to 0.80 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-10)
- 23. Information Systems 13, Database Essentials, 1.5 units, 1 weekly lecture hour, 1 weekly lab hour.

Revised weekly lecture hours from 1.0 to 1.2 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-13)

24. Information Systems 31, Introduction to Programming, 3 units, 3 weekly lecture hours, 1 weekly lab hour. Prerequisites: Information Systems 15. Advisories: Mathematics 201.

Revised outcomes, objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-31)



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- 25. Information Systems 60, Operating Systems, 2 units, 1 weekly lecture hour, 2 weekly lab hours. Advisories: English 126 and Mathematics 201. Revised weekly lecture hours from 1.0 to 1.5 and weekly lab hours from 2.0 to 1.5 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-60)
- 26. Information Systems 61, Computer Building and Configuration, 1.5 units, 1 weekly lecture hour, 1 weekly lab hour. Advisories: English 126 and Mathematics 201. Revised weekly lecture hours from 1.0 to 1.2 for hours-to-units compliance. (voc) (In lieu RC IS-61)
- 27. Information Systems 62, Computer Troubleshooting and Maintenance, 2.5 units, 2 weekly lecture hours, 2 weekly lab hour. Advisories: Eligibility for English 126 and Eligibility for Mathematics 201.

Changed course title to "Computer & Communication Essentials – Troubleshooting and Maintenance;" increased unit value from 2.5 to 4.0; increased weekly lecture hours from 2.0 to 3.5; revised objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-62)

28. Information Systems 63, Computer Networking I, 3 units, 2 weekly lecture hours, 2 weekly lab hours. Prerequisites: Information Systems 15. Advisories: English 126 and Mathematics 201.

Changed course title to "Computer Networking Fundamentals;" increased weekly lecture hours from 2.0 to 3.0 and decreased weekly lab hours from 2.0 to 1.0 for hours-to-units compliance; revised objectives, lecture/lab content, and updated textbooks.(voc) (In lieu RC IS-63)

29. Information Systems 64, Computer Networking II, 3 units, 2 weekly lecture hours, 2 weekly lab hours. Prerequisites: Information Systems 63. Advisories: English 125, English 126, and Mathematics 201.

Increased weekly lecture hours from 2.0 to 3.0 and decreased weekly lab hours from 2.0 to 1.0 for hours-to-units compliance; revised objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-64)

30. Sociology 1B, Critical Thinking about Social Problems, 3 units, 3 weekly lecture hours. Advisories: Sociology 1A and English 1A.

Revised student learning outcomes, objectives, and lecture content. (In lieu FCC and RC SOC-1B)

31. Spanish 1, Beginning Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour, Advisories: Eligibility for English 125 and 126.

Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC's and RC's SPAN-1)

32. Spanish 2, High-Beginning Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 1 or 2



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### years of high school Spanish, or the equivalent skill level as determined by instructor.

Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC's and RC's

#### PROPOSED COURSE MODIFICATIONS Effective Fall 2017 Approved and Recommended by the Curriculum Committee

SPAN-2)

33. Spanish 3, Intermediate Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 2 or 3 years of high school Spanish, or the equivalent skill level as determined by instructor.

Increased units to 5; increased lecture hours to 5 and deleted lab hours; deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC's and RC's SPAN-3)

34. Spanish 4, High-Intermediate Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 3 or 4 years of high school Spanish, or the equivalent skill level as determined by instructor.

Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, and special facilities to include access to computers. (In-lieu FCC's and RC's SPAN-4)



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PROPOSED **NEW PROGRAMS** Effective Fall 2017 Approved and Recommended by the Curriculum Committee

#### 1. AGRICULTURAL BUSINESS AND RELATED SERVICES

Food Safety and Quality Technician Certificate of Achievement **Courses added, existing** Counseling 47, Learning Strategies Food Safety and Processing 130, Introduction to Food Safety Food Safety and Processing 131, Agricultural Practices for Food Safety Food Safety and Processing 132, Food Safety Management Food Safety and Processing 133, Facility Management for Food Safety Food Safety and Processing 134, Environmental Effects on Food Borne Pathogens Food Safety and Processing 135, Introduction to Food Microbiology Food Safety and Processing 158, Agriculture Laws & Regulations

#### 2. SPANISH

Associate in Arts Degree for Transfer Degree Courses added, existing Anthropology 2, Cultural Anthropology Communication 10, Intercultural Communication English 49, Latino & Chicano Literature History 32, History of the Mexican American People French 1, Beginning French French 2, High-Beginning French French 3, Intermediate French French 4, High-Intermediate French Spanish 1, Beginning Spanish Spanish 2, High-Beginning Spanish Spanish 3, Intermediate Spanish Spanish 3NS, Spanish for Spanish Speakers Spanish 4, High-Intermediate Spanish Spanish 4NS, Spanish for Spanish Speakers Sociology 2, American Minority Groups Spanish 15, Practical Spanish Conversation, Low-Intermediate Level Spanish 16, Practical Spanish Conversation, High-Intermediate Level



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#### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### 1. ART

Associate in Arts in Art – Two-Dimensional Degree **Courses revised** Art 3, Two-Dimensional Design

#### 2. ART

Associate in Arts in Studio Arts for Transfer Degree **Courses revised** Art 3, Two-Dimensional Design Art 4, Three-Dimensional Design

#### 3. BIOLOGICAL SCIENCES

Associate in Science Degree Revised degree title from "Associate in Science in Biological Science Degree" to "Associate in Science in Life Science Degree." Courses added, existing Biology 10, Introduction to Life Science Lecture Biology 10L, Introduction to Life Science Lab

#### 4. BUSINESS ADMINISTRATION

Certificate In Business Intern Courses revised Information Systems 15, Computer Concepts

#### 5. BUSINESS ADMINISTRATION

*Certificate In Entry Level Management* **Courses revised** Information Systems 15, Computer Concepts

#### 6. BUSINESS ADMINISTRATION

Business Intern Certificate of Achievement Courses revised Information Systems 10, Keyboarding Information Systems 15, Computer Concepts

#### 7. BUSINESS ADMINISTRATION

Managerial Assistant Certificate of Achievement Courses revised Information Systems 15, Computer Concepts

#### 8. BUSINESS ADMINISTRATION

Small Business Management Certificate of Achievement



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#### **Courses revised**

Information Systems 15, Computer Concepts

PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### 9. BUSINESS ADMINISTRATION

Associate in Science Degree in Business Administration, Accounting Option **Courses revised** Information Systems 15, Computer Concepts

#### **10. BUSINESS ADMINISTRATION**

Associate in Science Degree in Business Administration, Entrepreneurship Option **Courses revised** Information Systems 15, Computer Concepts

#### 11. BUSINESS ADMINISTRATION

Associate in Science Degree in Business Administration, General Business Option **Courses revised** Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance

#### **12. BUSINESS ADMINISTRATION**

Associate in Science Degree in Business Administration, Information Systems Management Option **Courses revised** Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance

#### **13. BUSINESS ADMINISTRATION**

Associate in Science Degree in Management **Courses revised** Information Systems 15, Computer Concepts

#### **14. BUSINESS ADMINISTRATION**

Associate in Science Degree in Small Business Management Courses revised Information Systems 15, Computer Concepts

#### **15. BUSINESS ADMINISTRATION**

Associate in Science in Business Administration for Transfer Degree **Courses revised** Information Systems 15, Computer Concepts



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#### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### **16. COMMUNCIATION STUDIES**

Associate in Arts for Transfer Degree **Courses added, existing** Anthropology 2, Cultural Anthropology Psychology 2, General Psychology Psychology 2H, Honors General Psychology Sociology 1A, Introduction to Sociology

#### **17. COMPUTER SCIENCE**

Associate in Science Degree **Courses added, existing** Computer Science 45, Computer Organization and Assembly Language Programming

#### **18. CRIMINOLOGY**

Criminology – Corrections Certificate of Achievement Courses revised Criminology 1, Introduction to Criminology

Criminology 3, Legal Aspects of Evidence

Criminology 6, Criminal Law

Criminology 12, Criminal Justice Communications

Criminology 15, Introduction to Police Ethics

Criminology 20, Introduction to Corrections

Criminology 23, Correctional Interviewing and Counseling

Criminology 24, Control and Supervision in Corrections

#### **19. CRIMINOLOGY**

Criminology – Law Enforcement Certificate of Achievement Courses revised

Criminology 1, Introduction to Criminology

Criminology 3, Legal Aspects of Evidence

Criminology 6, Criminal Law

Criminology 7, Police Operations and Procedures

Criminology 8, Criminal Investigations

Criminology 12, Criminal Justice Communications

Criminology 13, The Constitution and Your Individual Rights

Criminology 15, Introduction to Police Ethics



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PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### 20. CRIMINOLOGY

Associate in Science in Criminology – Corrections Degree **Courses revised** Criminology 1, Introduction to Criminology Criminology 3, Legal Aspects of Evidence

Criminology 4, Principles and Procedures of the Justice System

Criminology 6, Criminal Law

Criminology 8, Criminal Investigations

Criminology 12, Criminal Justice Communications

Criminology 13, The Constitution and Your Individual Rights

Criminology 14, Multicultural Issues within Public Safety

Criminology 15, Introduction to Police Ethics

Criminology 19V, Cooperative Work Experience, Criminal Justice

Criminology 20, Introduction to Corrections

Criminology 23, Correctional Interviewing and Counseling

Criminology 24, Control and Supervision in Corrections

Criminology 28, Probation and Parole

#### 21. CRIMINOLOGY

Associate in Science in Criminology – Law Enforcement Degree **Courses revised** 

Criminology 1, Introduction to Criminology

Criminology 3, Legal Aspects of Evidence

Criminology 4, Principles and Procedures of the Justice System

Criminology 5, Community Relations

Criminology 6, Criminal Law

Criminology 7, Police Operations and Procedures

Criminology 8, Criminal Investigations

Criminology 10, Vice Control

Criminology 12, Criminal Justice Communications

Criminology 13, The Constitution and Your Individual Rights

Criminology 14, Multicultural Issues within Public Safety

Criminology 15, Introduction to Police Ethics

Criminology 19V, Cooperative Work Experience, Criminal Justice

#### 22. ENGLISH

Associate in Arts in English for Transfer Degree **Courses revised** 

Spanish 1, Beginning Spanish

Spanish 2, High-Beginning Spanish

Spanish 3, Intermediate Spanish

Spanish 4, High-Intermediate Spanish



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#### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

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#### 23. FOREIGN LANGUAGE

Associate in Arts Degree

#### **Courses revised**

Spanish 1, Beginning Spanish

Spanish 2, High-Beginning Spanish

Spanish 3, Intermediate Spanish

Spanish 4, High-Intermediate Spanish

#### 24. HISTORY

Associate in Arts in History for Transfer Degree Courses revised

Spanish 1, Beginning Spanish Spanish 2, High-Beginning Spanish

Spanish 3, Intermediate Spanish

Spanish 4, High-Intermediate Spanish

#### **25. INFORMATION SYSTEMS**

Information Technician Support Certificate of Achievement Courses revised Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance Information Systems 63, Computer Networking I

#### **26. INFORMATION SYSTEMS**

Information Technology Support Technician Certificate of Achievement Courses revised Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 61, Computer Building and Configuration Information Systems 62, Computer Troubleshooting and Maintenance Information Systems 63, Computer Networking I

#### **27. INFORMATION SYSTEMS**

Information Systems Certificate of Achievement Courses revised Information Systems 13, Database Essentials Information Systems 15, Computer Concepts Information Systems 60, Operating Systems



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#### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

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#### **28. INFORMATION SYSTEMS**

Networking Certificate of Achievement **Courses revised** Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance Information Systems 63, Computer Networking I Information Systems 64, Computer Networking II

#### **29. INFORMATION SYSTEMS**

Programming for the Web Certificate of Achievement **Courses revised** Information Systems 15, Computer Concepts Information Systems 31, Introduction to Programming Information Systems 60, Operating Systems

#### **30. INFORMATION SYSTEMS**

Associate in Science Degree in Information Systems, Networking Option Courses revised Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance Information Systems 63, Computer Networking I Information Systems 64, Computer Networking II

#### **31. INFORMATION SYSTEMS**

Associate in Science Degree in Information Systems, Programming for the Web Option

#### Courses revised

Information Systems 15, Computer Concepts Information Systems 31, Introduction to Programming Information Systems 60, Operating Systems

#### **32. INFORMATION SYSTEMS**

Associate in Science Degree in Information Systems, Help Desk Courses revised Information Systems 15, Computer Concepts Information Systems 60, Operating Systems Information Systems 62, Computer Troubleshooting and Maintenance Information Systems 63, Computer Networking I



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#### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### **33. INFORMATION SYSTEMS**

Associate in Science Degree in Information Systems, Web Design Option **Courses revised** Information Systems 13, Database Essentials Information Systems 15, Computer Concepts Information Systems 60, Operating Systems

#### **34. LIBERAL STUDIES**

Associate in Arts Degree **Courses revised** Information Systems 15, Computer Concepts

#### **35. PHILOSOPHY**

Associate in Arts in Philosophy for Transfer Degree **Courses revised** Spanish 1, Beginning Spanish Spanish 2, High-Beginning Spanish Spanish 3, Intermediate Spanish Spanish 4, High-Intermediate Spanish

#### **36. SOCIAL SCIENCE**

Associate in Arts Degree Courses revised Sociology 1B, Critical Thinking about Social Problems

#### **37. SOCIOLOGY**

Associate in Arts in Sociology for Transfer Degree **Courses revised** Sociology 1B, Critical Thinking about Social Problems



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PROPOSED **NEW COURSES** Effective Fall 2018 Approved and Recommended by the Curriculum Committee

1. Geography 1, Physical Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.

The course is a spatial study of the Earth's dynamic physical systems and processes. Topics include:

Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) (In lieu FCC GEOG-1)

2. Geography 2, Cultural Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.

This course is the study of diverse human populations, their cultural origins, diffusion, and contemporary spatial expressions. Topics include: demography, languages, and religions, urbanization and landscape modification, political units nationalism, and economic systems and development. (In lieu FCC GEOG-2)

3. Geography 10, Introduction to Geographic Information Systems, 3 units, 2.5 weekly lecture hours and 2 weekly lab hours. Advisories: Eligibility for English 1A recommended.

This is an introduction to the fundamental concepts, principles and methods of geographic information systems, focusing on the basic analysis, interpretation, display and communication of spatial information. Topics include the Identification and acquisition of GIS data, the assessment of different data types, understanding map projections and coordinate systems, and spatial analysis using GIS. (In lieu FCC and RC GEOG-10)

4. Geography 20, California Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.

This course is a thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. It explores the physical, and human landscapes that have evolved as a result of the human-environment interface. (In lieu FCC GEOG-20)

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016
SUBJECT:	Consideration to Approve Out-of-State Student Travel for Fresno City College Theatre Arts Students	ITEM NO. 16-155G
EXHIBIT:	None	

#### **Background**

The Fresno City College Theatre Arts/Dance Department is requesting permission for students to participate in the Kennedy Center/American College Theatre Region VIII Festival in Mesa, Arizona. The festival will take place February 14-18, 2017, at Mesa Community College. This festival is important to students because it offers workshops, trainings, theatre networking and performance activities for our students and includes the Irene Ryan Acting Scholarship competition. Fresno City College Theatre Arts students have done well in past festivals.

The Theatre Arts/Dance Department is hoping to take 15 students. Debra Erven, Chuck Erven and James Knudsen will accompany the students on this trip as faculty advisors. The students will be raising funds through a SCCC Foundation account to defray the costs of the trip. Neither the college nor the district will be responsible for any of the funding for this event.

#### Recommendation

It is recommended that the Board of Trustees approve out-of-state travel for the 15 students in the Fresno City College Theatre Arts/Dance Department to travel to Arizona in February 2017 for participation in the Kennedy Center/American College Theatre Region VIII Festival with the understanding that the trip will be financed without requiring expenditures of college or district funds.

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: July 2, 2015	
SUBJECT:	Resolution Seating Board Member, Trustee for Area VII	ITEM NO. 16-53	
EXHIBIT:	Resolution No. 2016.32		

#### Background:

Since incumbent Trustee Richard M. Caglia (Area VII) was unopposed in his bid for reelection and there was no petition filed in accordance with the provisions of Education Code §5328, no election was held for this trustee position.

#### Recommendation:

It is recommended the Board of Trustees adopt Resolution No. 2016.32 in the Matter of Unopposed and Insufficient Nominations of Governing Board Elections and appoint thereto, as presented, and file a copy of said resolution with the Office of the County Superintendent of Schools; thereby notifying that office that Richard M. Caglia (Area VI) has been seated as trustee for Area VI in accordance with the provisions of Education Code §5328.

#### BEFORE THE GOVERNING BOARD OF THE STATE CENTER COMMUNITY COLLEGE DISTRICT OF FRESNO, MADERA, TULARE, KINGS COUNTIES, CALIFORNIA

In the Matter of Unopposed and Insufficient ) Nominations of Governing Board ) Elections; No Election; Seating at ) Annual Organizational Meeting )

**RESOLUTION NO. 2016.32** 

WHEREAS, no governing board member election was held and conducted in the above-named district on the last governing board member election date due to an insufficient number of persons nominated to fill the positions or board member terms expiring on the first Friday in December, and no petition signed by 10 percent of the voters or 50 voters, whichever is the smaller number, in the district or trustee area if elected by trustee area, was filed with the Elections Department of Fresno, California, at least 83 days prior to the last governing board member election date requesting an election; and

WHEREAS, Section 5328 of the California Education Code requires that those persons nominated to run in the election shall be seated at the organizational meeting of the board as if elected at a board member election.

NOW, THEREFORE, BE IT RESOLVED, that the governing board of the above-named district hereby submits that the following are seated either by operation of law because they ran unopposed for the office or by appointment of the governing board:

 Trustee Area/Seat: VII Name: RICHARD M. CAGLIA Address: 3457 S. CEDAR, FRESNO, CA 93725 Telephone: 559-451-1117 Ran Unopposed

The foregoing RESOLUTION was adopted this 13th day of December 2016 at the duly called annual organizational meeting of the governing board hereof by the following vote, to-wit:

AYES: \_\_\_\_\_ NOES: \_\_\_\_\_ ABSENT: \_\_\_\_\_

Dated: \_\_\_\_\_, 2016.

President or Secretary of the Board (Signature)

(Printed Name)

#### CERTIFICATION

STATE OF CALIFORNIA )
)
COUNTY OF FRESNO )

I, the undersigned, hereby certify that the above is a true and correct copy of a resolution seating members on the governing board of the STATE CENTER COMMUNITY COLLEGE DISTRICT, adopted on the 13<sup>th</sup> day of December 2016 at the annual organizational meeting of the governing board.

Dated: \_\_\_\_\_, 2016.

President or Secretary of the Board (Signature)

(Printed Name)

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016	
SUBJECT:	Election of Officers, Appointment of Representatives and Adoption of Board Calendar	ITEM NO. 16-54	
EXHIBIT:	None		

#### Background:

At its meeting on November 1, 2016, the Board of Trustees established the December 13, 2016, meeting as the date for the annual organizational meeting required by the California Education Code.

#### ELECTION OF OFFICERS AND REPRESENTATIVES

The following officers are elected for a one-year term, and representatives are to be appointed to serve for one year, unless otherwise indicated:

- 1. <u>President</u>
- 2. Vice President
- 3. <u>Secretary</u>
- Board Voting Representative, Fresno County Committee on School District Organization <u>Election (1 year)</u>
   Voting representative participates in electing persons to the Fresno County Committee on School District Organization in fall 2017 (2016 representative was Trustee Eric Payne)
- 5. <u>Alternate Board Voting Representative, Fresno County Committee on School District</u> <u>Organization Election (1 year)</u> The Fresno County Office of Education is also asking that an alternate voting representative be named. (2016 alternate was Trustee Richard Caglia)

6. <u>Board Representative, Executive Board of the Madera County School Boards Association</u> (1 year)

Representative represents the District as a voting member at meetings called three to four times each year by the Madera County School Boards Association. (2016 representative was Trustee Bobby Kahn and the alternate was Trustee Miguel Arias)

- 7. Board Representative, State Center Community College District Retirement Board (1 year) The SCCCD Retirement Board consists of the vice chancellor of finance and administration, the director of finance and one trustee selected at the annual SCCCD organizational meeting. The members of the Retirement Board meet periodically, but not less than every six months, to review the investments held in the trust, transact other business, and make decisions as required by the Retirement Board. (2016 representative was Trustee John Leal)
- 8. <u>Districtwide Legislative Committee Representative (1 year)</u>

The representative will be a legislative advocate in general for community colleges, provide information on pending legislation, provide direction on legislative matters and make recommendations to the chancellor and the board, when possible. The strength and effectiveness of the committee is as a collective unit, not as a group of individuals, and the recommendations of this committee are not binding on all the representative groups unless agreed to in advance. (2016 representative was Trustee Eric Payne)

9. Fresno Area Self-Insured Benefits Organization (FASBO, also known as ED CARE) (2 years)

Representative attends monthly meetings on the third or fourth Tuesday at Barthuli & Associates in Fresno. This board reviews the administrator's reports, broker's reports, and financial status, authorizes expenditures, establishes policy, and hears appeals. The <u>term is for two years</u> from 2017 through 2018. (2015-2016 representative was Trustee John Leal.)

10. <u>Two Board Representatives for the State Center Community College Foundation Board (2 years)</u>

Representatives attend quarterly meetings, an annual meeting, and a few special events. The <u>term is for two years</u> from 2017 through 2018. (2015-2016 representatives were Trustees Ron Nishinaka and Pat Patterson.)

11. <u>Director, Valley Insurance Program Joint Powers Agency (VIPJPA) Board (2 years)</u> The Board of Directors of the Valley Insurance Program Joint Powers Agency consists of three appointees from each member district: one trustee and the vice chancellor of finance and administration, with the director of finance serving as an alternate director. There are quarterly full board meetings in February, April, June and November; and a two-day strategic planning meeting in April. The <u>term is for two years</u> from 2017 through 2018.

(2015-2016 representative was Trustee Pat Patterson.)

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The following is for a two-year term and does not require an appointment until 2017:

12. Fresno City School Liaison Subcommittee (2 Years)

The subcommittee is a partnership between the Fresno City Council and local school districts. The purpose is to facilitate solutions to overlapping issues such as integrating general plan growth and planning, coordinating public transportation needs, and improving school safety through coordination with city fire and police departments. Meetings will be held twice a year or as needed. Up to three representatives may serve. (Trustees Richard Caglia, Miguel Areas and John Leal will continue as representatives

(Trustees Richard Caglia, Miguel Areas and John Leal will continue as representatives through 2017)

#### 2017 BOARD CALENDAR

The board should also adopt a calendar of meetings for the next year. The regular meetings of the Board of Trustees shall be on the first Tuesday of each month, with the recommended exceptions\* of January and July 2017. The proposed calendar is as follows, with a recommended start time of 4:00 p.m. for regular meetings.

DATE	MEETING	LOCATION	
January 10, 2017*	Regular Meeting	SCCCD	
February 7, 2017	Regular Meeting	SCCCD	
March 7, 2017	Regular Meeting	Reedley College	
April 4, 2017	Budget Study Session and Regular Meeting	FCC	
April 21-22, 2017	Board Retreat	The Pines	
May 2 2017	Regular Meeting	Oakhurst Center	
June 6, 2017	Regular Meeting: Tentative Budget	SCCCD	
July 11, 2017*	Regular Meeting	SCCCD	
August 1, 2017	Regular Meeting	CCC	
August 15, 2017	Budget Study Session	SCCCD	
September 5, 2017	Regular Meeting: Public Hearing and Budget Adoption	scccd	
October 3, 2017 Regular Meeting		Madera Center	
November 7, 2017	Regular Meeting	SCCCD	
December 5, 2017	Regular Meeting: Organizational Meeting	SCCCD	

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: <u>December 13, 2016</u>	
SUBJECT:	Consideration to Adopt Resolution Honoring Trustee Patrick E. Patterson	ITEM NO.	16-55
EXHIBIT:	Resolution No. 2016.29		

#### Background:

The Board of Trustees recognizes individuals for their service to the district by adopting formal resolutions to acknowledge their contributions to the educational mission of the district. The board is being presented with a resolution to recognize the contributions of Trustee Patrick E. Patterson.

From 1983 to 2016 Mr. Patterson has served on the State Center Community College District Board of Trustees with integrity, wisdom and unfailing commitment to ensuring educational opportunities for all. Mr. Patterson has served as a champion for student success as well as equitable and fair treatment for faculty, staff and administration. A strong supporter of career and technical education, Mr. Patterson advocated for the development and advancement of programs that provide students with meaningful employment.

During his tenure as trustee, Mr. Patterson represented the board at many events and served on several organizational committees. In addition, Mr. Patterson has served as board president numerous times. Mr. Patterson's ability to bring a historical perspective to issues will be missed by all at State Center Community College District and on the Board of Trustees.

#### Recommendation:

It is recommended that the Board of Trustees adopt Resolution No. 2016.29 honoring Patrick E. Patterson and extending the heartfelt gratitude of the entire State Center Community College District for his exemplary service and leadership on the State Center Community College District Board of Trustees, and wish him well in his future endeavors.

#### STATE CENTER COMMUNITY COLLEGE DISTRICT RESOLUTION NO. 2016.29

#### A RESOLUTION OF THE BOARD OF TRUSTEES HONORING PATRICK E. PATTERSON

WHEREAS, Mr. Patrick E. Patterson has served with integrity, wisdom and unfailing commitment to ensuring educational opportunities for all;

WHEREAS, Mr. Patterson has served as a champion for student success as well as equitable and fair treatment for faculty, staff and administration;

WHEREAS, Mr. Patterson has been a strong supporter of career and technical education leading to meaningful employment for students;

WHEREAS, Mr. Patterson has represented the Board of Trustees at many events and has served on multiple organizational committees;

WHEREAS, Mr. Patterson has served as board president multiple times;

WHEREAS, Mr. Patterson's ability to bring a historical perspective to issues will be missed by all at State Center Community College District and the Board of Trustees;

NOW, THEREFORE, THE BOARD OF TRUSTEES OF THE STATE CENTER COMMUNITY COLLEGE DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

The Board of Trustees extends the heartfelt gratitude of the entire State Center Community College District to MR. PATRICK E. PATTERSON for his exemplary service and leadership on the State Center Community College District Board of Trustees from 1983 to 2016, and wishes him the best in all of his future endeavors.

ADOPTED, SIGNED AND APPROVED this 13th day of December 2016.

President, Board of Trustees

(Printed Name)

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: December 13, 2016	
SUBJECT:	Consideration to Adopt Resolution Supporting Deferred Action for Childhood Arrivals Programs	ITEM NO. 16-56	
EXHIBIT:	Resolution No. 2016.33		

#### Background:

State Center Community College District prides itself on empowering our colleges in their efforts to promote innovative educational opportunities that provide safe, inclusive and supportive learning environments leading to student success and global competitiveness which will transform our valley.

Since President Obama's 2012 executive order of the Deferred Action for Childhood Arrivals (DACA) program, we have seen the benefits of this program for our students and our communities. DACA beneficiaries on our campuses have been exemplary student scholars and student leaders. With DACA, our students have been able to pursue opportunities in science, technology, engineering, business, education and the non-profit sector. They are actively contributing to their local communities and economies.

The Center for American Progress estimates that DACA programs have the potential to increase California's state gross domestic product by \$75.8 billion, beneficiary wage earnings by \$32.8 billion and jobs by 9,500 over ten years.

#### Recommendation:

It is recommended that the Board of Trustees adopt Resolution No. 2016.33 and send a resolution supporting Deferred Action For Childhood Arrivals programs.

#### STATE CENTER COMMUNITY COLLEGE DISTRICT RESOLUTION NO. 2016.33

#### RESOLUTION IN SUPPORT OF DEFERRED ACTION FOR CHILDHOOD ARRIVALS (DACA)

WHEREAS, in 2012 President Obama issued an Executive Order providing deportation relief to certain undocumented immigrants who entered the U.S. before their 16<sup>th</sup> birthday, Deferred Action for Childhood Arrivals (DACA) recipients; and

WHEREAS, California has the largest population of immigrants, both documented and undocumented where one in ten workers is an undocumented immigrant, and immigrants are a vibrant, productive, and vital part of the state's growing economy, holding jobs in key industries such as agriculture, science, technology, service, health care and manufacturing; and

WHEREAS, California is home to one-third of Deferred Action for Childhood Arrivals (DACA) recipients; and

WHEREAS, the Pew Research Center estimates that there are between 200,000 and 225,000 undocumented immigrants enrolled in college; and

WHEREAS, California Community Colleges are open access institutions and welcomes everyone who enters its doors; and

WHEREAS, under AB 540 (Chapter 814, Statutes of 2001), undocumented students in California can seek an exemption from paying nonresident tuition if they attend a California high school for three or more years, graduate from a California high school, and file an affidavit with a college or university stating that he/she will apply for legal residency as soon as possible; and

WHEREAS, DACA has decreased the anxiety and fear that many undocumented students experience living in the shadows; and

WHEREAS, DACA has enabled many community college graduates to obtain better employment, pursue higher education, and provide greater economic security for their families; and

WHEREAS, the Center for American Progress estimates that deferred action programs like DACA have the potential to increase California's state Gross Domestic Product by \$75.8 billion, beneficiary wage earnings by \$32.8 billion, and jobs by 9500 over 10 years.

WHEREAS, a recent study by the University of California, San Diego, the National Immigration Law Center, the Center for American Progress and United We Dream found that DACA has increased wages for recipients by 42 percent, enabled recipients to purchase cars and even homes, strengthening the local economy; and Resolution No. 2016.33 Page 2

WHEREAS, the future of DACA is uncertain as President-elect Trump has pledged to "cancel every unconstitutional executive action, memorandum and order issued by President Obama" in his first 100 days in office.

THEREFORE, BE IT RESOLVED that the State Center Community College District Board of Trustees will work to assure that all students feel welcome and safe on our campuses, regardless of immigration status.

BE IT FURTHER RESOLVED that State Center Community College District stands in strong support of DACA and other programs that support undocumented students.

PASSED AND ADOPTED on this 13th day of December 2016, by the following vote:

AYES: \_\_\_\_\_ NOES: \_\_\_\_\_ ABSENT: \_\_\_\_\_

President of the Board (Signature)

Printed Name

#### STATE CENTER COMMUNITY COLLEGE DISTRICT 1525 E. Weldon Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES		DATE: Dece	DATE: December13, 2016	
SUBJECT:	Consideration to Authorize Agreement for Program and Construction Management Services for Capital Projects, Districtwide	ITEM NO.	16-57	
EXHIBIT:	None			

#### Background:

The passage of Measure C in June 2016 will provide \$485 million dollars for capital projects districtwide. The district also has \$30 million in Measure E funds as well as other local capital project funds designated for construction. In addition, the district continuously applies for and receives state funding for a variety of other capital projects. This state funding is received as projects are approved and as the California Community Colleges Chancellor's Office receives the funds from the sale of State of California bonds. Measure C, Measure E, and state-funded bond projects contain provisions to fund program and construction management services. The intent of this funding is to contract with a consultant firm to assist with project cost estimating, scheduling, reporting, fiscal controls, and provide project and/or construction management services for district projects as needed.

In August 2016, Request for Qualification (RFQ) #1617-02 was released, requesting qualifications for program and construction management services for Measure C and state funded capital projects. The RFQ was advertised and proposals were solicited from interested firms throughout the state with a particular emphasis on regional/local firms. Four proposals were received. These proposals were initially evaluated based upon the thoroughness of the submission, relevant experience of the firm in management of community college projects and working with state agencies, and the ability of the firm to successfully manage multiple projects. Based upon these evaluations, three firms were selected for interviews. These three firms include Kitchell CEM, Inc., SGI Construction Management, and Vanir Construction Management, Inc.

The interview committee was tasked with determining the best firm(s) for the services required and provided input, guidance, and experience to the selection process. The interview committee included the Chancellor, Assistant to the Chancellor for Capital Projects, Presidents from Fresno City College and Clovis Community College, Vice President Administrative Services at Reedley College, Associate Vice Chancellor Business and Operations, Construction Services Manager, Director of Purchasing and purchasing staff. After interviews, reference checks, follow up ITEM NO. 16-57 Page 2

questions, and information searches, the committee is recommending Kitchell CEM, Inc. to provide program and construction management services for capital projects districtwide.

Kitchell performed similar services for the district during the Measure E process and provides a local office and personnel familiar with the needs and requirements of the district. They are proficient in performing all of the services described in the RFQ and established the best record of success to meet the goals and needs of the district capital projects program.

#### Fiscal Impact:

Administration estimates a not to exceed fee of \$3 million for the first three years of program and construction management as required for Measure C, Measure E, and other approved capital project funding. Services may increase or decrease as demand requires and as the capital construction program progresses.

#### Recommendation:

In accordance with Board Policies 6340 and 6600, administration recommends that the Board of Trustees:

- a) authorize an agreement not to exceed three years, with Kitchell CEM, Inc., to provide program and construction management services for capital projects, districtwide; and
- b) authorize a not to exceed expenditure amount of \$3 million for the duration of this agreement for program and construction management services as required; and
- b) authorize the chancellor or vice chancellor of finance and administration to sign the agreement on behalf of the district.