

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**SANTA ANA COLLEGE – ACADEMIC AFFAIRS**

To:	Board of Trustees	Date: March 10, 2014
Re:	Approval of Proposed Revisions for the 2014 – 2015 Santa Ana College Catalog	
Action:	Request for Approval	

BACKGROUND

The attached memo is the annual summary of actions taken by the Santa Ana College Curriculum and Instruction Council during 2013. It includes new courses, course revisions, course deletions, program revisions, program deletions, and other curricula changes that are reflected in the catalog.

ANALYSIS

The catalog is the ongoing legal representation of course/program offerings and annual academic policies at Santa Ana College. Changes are recommended to the Board of Trustees by the Curriculum and Instruction Council that has faculty representation from each academic division as well as administrative representation.

RECOMMENDATION

It is recommended that the Board of Trustees approve the proposed revision for the 2014 – 2015 Santa Ana College Catalog.

Fiscal Impact:	None	Board Date: March 10, 2014
Prepared by:	Linda Rose, Ed.D., Vice President of Academic Affairs, SAC	
Submitted by:	Erlinda J. Martinez, Ed.D., President, Santa Ana College	
Recommended by:	Raúl Rodríguez, Ph.D., Chancellor, RSCCD	

SANTA ANA COLLEGE

CURRICULUM & INSTRUCTION COUNCIL

DATE: March 10, 2014

TO: Erlinda J. Martinez, Ed.D., President

FROM: Monica Porter, Chair of Curriculum and Instruction Council

RE: Approval of Proposed Revisions for the 2014 – 2015 Santa Ana College Catalog

This memorandum is a summary of the proposed changes to the college catalog from the Santa Ana College Curriculum & Instruction Council. All changes to academic policies, courses, and programs are reviewed by the Division Curriculum Committees before action is taken by the Council.

The Curriculum & Instruction Council is chaired by Monica Porter. Membership includes two administrators, sixteen faculty, the University Articulation Coordinator, the Matriculation Representative, one student representative and the Support Services Assistant.

The Curriculum & Instruction Council addresses the college-wide impact and changes in academic policies and monitors their acceptance by the CSU and UC systems and the Community College Chancellor's Office.

The following academic policies have been reviewed, revised, and are now recommended by the Curriculum and Instruction Council:

NEW COURSES

Four (4) new courses were approved because of new and/or expanded programs or major changes in the discipline.

*(See Attachment #1)

REVISED COURSES

Three hundred and twenty nine (329) course revisions were updated to reflect changes in title, units, hours, or content.

*(See Attachment #2)

DELETED COURSES

Fifty five (55) courses previously offered at SAC and CEC were removed from the catalog because they were outdated and/or had not been offered for three to five semesters.

*(See Attachment #3)

REVISED PROGRAMS/CERTIFICATES

Seventy two (72) program revisions were updated to reflect changes in title, units, hours, or content.

* (See Attachment #4)

DELETED PROGRAMS/CERTIFICATES

Ten (10) programs previously offered at SAC and CEC were removed from the catalog because they were outdated and/or had not been offered for three to five semesters.

* (See Attachment #5)

POLICIES CHANGES

*(See Attachment #6)

*Listings are attached

NEW COURSES

CATALOG 2014 – 2015

SANTA ANA COLLEGE

- | | | | |
|---|------|------|--------------------------------|
| 1 | KNAC | 200C | Advanced Intramural Basketball |
| 2 | KNFI | 112A | Beginning Circuit Training |
| 3 | KNFI | 112B | Intermediate Circuit Training |
| 4 | KNFI | 112C | Advanced Circuit Training |

REVISED COURSES**CATALOG 2014 – 2015****SANTA ANA COLLEGE**

1	ACCT	010	Accounting Procedures
2	ACCT	032	Payroll Accounting
3	ACCT	102	Managerial Accounting
4	ACCT	124	Computerized Income Tax Preparation
5	AUTO	072	General Automotive Engine Service
6	AUTO	076	Engine Repair
7	BA	173	Adobe Flash
8	BA	163	Adobe Acrobat
9	BA	164	Adobe Photoshop
10	BA	166	Adobe Illustrator
11	BA	169	Adobe Dreamweaver
12	BA	170	Adobe InDesign
13	BA	150	Introduction to Geographic Information Systems
14	BANK	010	Teller Training for Financial Institutions
15	BIOL	109L	Fundamentals of Biology Laboratory
16	BIOL	131	Natural History of the Southwest
17	BIOL	132	Natural History of Death Valley
18	BIOL	134	Natural History of the Sonoran/Colorado Desert
19	BIOL	169	Natural History of the Sierra Nevadas
20	BUS	101	Business Law
21	BUS	105	Legal Environment of Business
22	BUS	150	Introduction to Information Systems and Applications
23	BUS	183	Customs Broker License Class
24	BUS	184	Customs Broker Exam Prep Class
25	BUS	222	Business Writing

26	CHEM	209	Introductory Chemistry
27	CHEM	219	General Chemistry
28	CHEM	219H	Honors General Chemistry
29	CHEM	229	General Chemistry and Qualitative Analysis
30	CHEM	249	Organic Chemistry I
31	CHEM	259	Organic Chemistry II
32	CJ	101	Introduction to Criminal Justice
33	CJ	103	Concepts of Criminal Law
34	CJ	105	Legal Aspects of Evidence
35	CJ	106	Coroner Death Investigation
36	CJ	107	Principles and Procedures in the Criminal Justice System
37	CJ	108	Crime Scene Investigation
38	CJ	109	Community Interaction
39	CJ	110	Street Gangs
40	CJ	148	Writing Skills for Criminal Justice Personnel
41	CJ	205	Criminal Investigation Principles
42	CJ	220	Juvenile Delinquency and Control
43	CJA	034A	Advanced Officer Training (AOT)
44	CJA	038A	Tactical/Weapons Training
45	CJA	039A	First Aid/CPR Refresher
46	CJA	055A	Driver Simulator Training
47	CJA	069B	Corrections Officer CORE Course Enforcement
48	CJA	076A	Police K-9 Training
49	CJA	083A	Instructor Skills
50	CJA	100A	Basic Police Academy
51	CJA	010B	Supervision and Leadership
52	CMPR	120	Introduction to Programming
53	CMPR	121	Programming Concepts

54	CMPR	134B	Windows Vista Operating System
55	CMPR	134C	Microsoft Windows 7 Operating System
56	CMPR	135	Software Deployment Mechanisms
57	CMPR	137	Personal Computer Troubleshooting
58	CMPR	140	Discrete Structures for Computer Science
59	CMPR	141	UNIX Operating System
60	CMSD	123B	Intermediate News Media Production
61	CMST	096	American English Listening Skills
62	CMST	097	American English Conversational Skills
63	CMST	199	Independent Study
64	CMST	N49	Introduction to Academic Speaking Skills
65	CMST	N52A	Beginning American English Pronunciation Skills
66	CMST	N52B	Intermediate American English Pronunciation Skills
67	CMST	N53	Advanced American English Pronunciation Skills
68	CMST	N54	Accent Reduction
69	CMST	N59	Pronunciation Review
70	CNSL	110	University Transfer Research
71	CNSL	128	Introduction to Community Activism
72	CNSL	144	Reasoning and Problem Solving
73	CULN	110	Food Sanitation and Safety
74	DSL	010	Bendix Air Brake System Service
75	DSL	076	Engine Repair
76	ECON	120	Principles/Macro
77	ECON	121	Principles/Micro
78	EDUC	100	Introduction to Education
79	EDUC	113	Tutoring Reading in Elementary Schools
80	EMLS	107	Writing, Grammar and Reading II
81	EMLS	109	Writing, Grammar and Reading III

82	ENGL	101	Freshman Composition
83	ENGL	101H	Honors Freshman Composition
84	ENGL	102	Literature and Composition
85	ENGL	102H	Honors Literature and Composition
86	ENGL	103	Critical Thinking and Writing
87	ENGL	103H	Honors Critical Thinking and Writing
88	ENGL	213	Creative Writing
89	ENGL	231	Survey of English Literature
90	ENGL	232	Survey of English Literature
91	ENGL	233A	Shakespeare's Comedies and Romances
92	ENGL	233B	Shakespeare's Tragedies and History Plays
93	ENGL	233C	Shakespeare's Theatre
94	ENGL	241	Survey of American Literature 1600- 1865
95	ENGL	242	Survey of American Literature 1865- Present
96	ENGL	243	The Modern American Novel
97	ENGL	245	The Image of African Americans in Literature and Films
98	ENGL	246	Survey of Chicano Literature
99	ENGL	270	Children's Literature
100	ENGL	271	Survey of World Literature
101	ENGL	272	Survey of World Literature
102	ENGR	105	Solidworks Advanced Solid Modeling
103	ENGR	130A	CATIA Solid Modeling I
104	ENGR	130B	CATIA Solid Modeling II
105	ENGR	140A	Creo Beginning Solid Modeling
106	ENGR	140B	Creo Intermediate Solid Modeling
107	ENGR	142	Architecture/Civil Engineering/Construction (AEC) Drafting Standards
108	ENGR	154	Architecture/Civil Engineering/Construction (AEC) Parametric and BIM Applications
109	ENGR	183	AutoCAD I - Computer Aided Drafting

110	ENGR	184	AutoCAD II - Computer Aided Drafting
111	ENGR	185	AutoCAD III - Computer Aided Drafting
112	ENGR	186	AutoCAD 3-Dimensional Drawing
113	ENGR	193	MicroStation 3-D
114	ENGR	201	Architectural Practice
115	ENGR	250L	Electric Circuits Laboratory
116	ERTH	110	Introduction to Earth Science
117	ERTH	110H	Honors Introduction to Earth Science
118	FAC	033	Swift Water Rescue
119	FDM	105A	Beginning Sewing
120	FDM	111A	Fashion Illustration Techniques
121	FDM	214	Tech-Packs for Manufactured Apparel
122	FOT	026	Fire Inspector 1A
123	FOT	027	Fire Inspector 1B: Introduction to Fire and Life Safety
124	FOT	028	Fire Inspector 1C: Field Inspection
125	FOT	032	ICS-300 Intermediate ICS
126	FOT	033	ICS-400 Incident Command
127	FOT	036	Training Instructor 1A: Cognitive Lesson Delivery
128	FOT	036	Training Instructor 1A: Cognitive Lesson Delivery
129	FOT	037	Training Instructor 1B: Psychomotor Lesson Delivery
130	FOT	039	Training Instructor 1C: Instructional Development Techniques
131	FOT	044	Fire Investigation 1A: Fire Origin and Cause Determination
132	FOT	045	Fire Investigation 1B: Techniques of Fire Investigation
133	FOT	046	Fire Management 1: Management/Supervision for Company Officers
134	FOT	047	Fire Command 1A: Command Principles for Company Officers
135	FOT	048	Fire Command 1B: Incident Management for Company Officers
136	FOT	049	Fire Command 1C: I-Zone Fire Fighting for Company Officers
137	FOT	050	Community Emergency Response Team

138	FOT	129	Fire Prevention 2A: Fire Protection Systems and Building Components
139	FOT	132	Fire Prevention 2B: Interpreting the UBC and CCR
140	FOT	133	Fire Prevention 2C: Special Hazard Occupancies
141	FOT	134	Fire Prevention 3A: Hydraulic Sprinkler Calculation
142	FOT	135	Fire Prevention 3B: Plan Review
143	FOT	140	Fire Instructor 2A: Techniques of Evaluation
144	FOT	141	Fire Instructor 2B: Group Dynamics and Problem Solving
145	FOT	142	Fire Instructor 2C: Employing Audiovisual Aids
146	FOT	143	Fire Instructor 3: Master Instructor Competency Evaluation
147	FOT	144	Fire Investigation 2A: Criminal and Legal Procedures
148	FOT	145	Fire Investigation 2B: Field Case Studies
149	FOT	146	Fire Management 2A: Organizational Development and Human Relations
150	FOT	147	Fire Management 2B: Fire Service Financial Management
151	FOT	148	Fire Management 2C: Personnel and Labor Relations
152	FOT	149	Fire Management 2D: Strategic Planning
153	FOT	150	Fire Management 2E: Ethics and the Challenge of Leadership
154	FOT	151	Fire Command 2A: Command Tactics at Major Fires
155	FOT	152	Fire Command 2B: Management of Major Hazardous Materials Incidents
156	FOT	153	Fire Command 2C: High-Rise Fire Fighting Tactics
157	FOT	154	Fire Command 2D: Planning for Large Scale Disasters
158	FOT	155	Fire Command 2E: Wildland Fire Fighting Tactics
159	GEOG	100	World Regional Geography
160	GEOG	100H	Honors World Regional Geography
161	GEOG	101	Physical Geography GEOG 101 Physical Geography
162	GEOL	101	Introduction to Geology
163	GEOL	101L	Introduction to Geology Laboratory
164	GEOL	201	Introduction to Historical Geology
165	HIST	101	World Civilizations Since the 16th Century

166	HIST	101H	Honors World Civilizations Since the 16th Century
167	HIST	102	World Civilizations Since the 16th Century
168	HIST	102H	Honors World Civilizations Since the 16th Century
169	HUD	110	Child, Family and Community (DS2)
170	HUD	111B	Introduction to Curriculum for Young Children
171	HUD	120	Development of the School Age Child (DS5)
172	HUD	200	Computer Literacy for Early Childhood Educators
173	HUD	205	Exceptionality and Special Needs in Human Development
174	HUD	210	Creative Music Experiences for Young Children
175	HUD	220	The Child as Victim
176	HUD	251	Mentor Seminar
177	HUD	298B	Practicum In Infant/Toddler Programs
178	KNAC	107A	Beginning Badminton
179	KNAC	140A	Beginning Karate
180	KNAC	150A	Beginning Hatha Yoga
181	KNAC	155A	Beginning Self-Defense
182	KNAC	160A	Beginning Tennis
183	KNAC	169A	Beginning Wrestling
184	KNAC	170A	Beginning Yoga
185	KNAC	200A	Beginning Intramural-Basketball
186	KNAC	200B	Intermediate Intramural Sports-Basketball
187	KNAC	211A	Beginning Baseball
188	KNAC	211B	Intermediate Baseball
189	KNAC	220A	Beginning Basketball
190	KNAC	220B	Intermediate Basketball
191	KNAC	220C	Advanced Basketball
192	KNAC	226A	Beginning Water Polo
193	KNAC	260A	Beginning Soccer

194	KNAC	260B	Intermediate Soccer
195	KNAC	265A	Beginning Indoor Soccer
196	KNAC	265B	Intermediate Indoor Soccer
197	KNAC	270A	Beginning Softball
198	KNAC	290A	Intermediate Volleyball
199	KNAC	290B	Intermediate Volleyball
200	KNAD	201A	Beginning Adapted Swimming
201	KNAD	205A	Beginning Adapted Badminton
202	KNAF	143A	Beginning Extreme Fitness
203	KNAF	144A	Beginning Cross Training
204	KNAF	150A	Beginning Stretch, Flex and Tone
205	KNAF	156	Beginning Cardio Kickboxing
206	KNAF	156A	Beginning Cardio Kickboxing
207	KNAF	156B	Intermediate Cardio Kickboxing
208	KNAF	157A	Beginning Cardio Pump
209	KNAQ	201A	Beginning Swimming
210	KNAQ	201B	Intermediate Swimming
211	KNFI	127C	Advanced Lower Body Power Development
212	KNIA	128	Conditioning for Athletes (1.0 unit)
213	KNIA	235	Speed and Agility (0.5 unit)
214	KNIA	235	Speed and Agility (1.0 unit)
215	KNIA	262	Soccer-Men
216	LIBR	053	Library Internship
217	LIBR	054	Children's Library Services
218	LIBR	101	Introduction to Library Technology
219	LIBR	102	Information Sources for Paraprofessionals: Tools and Techniques
220	LIBR	110	Technical Services
221	LIBR	122	Public Services

222	MATH	070	Geometry
223	MATH	080	Intermediate Algebra
224	MATH	081	Intermediate Algebra with Lab
225	MATH	087	Math for Engineers I
226	MATH	145	Finite Mathematics
227	MATH	165	Introduction to Math Tutoring
228	MATH	167	Math for Engineers II
229	MATH	180	Analytic Geometry and Calculus I
230	MATH	185	Analytic Geometry and Calculus II
231	MATH	219	Statistics and Probability
232	MATH	219H	Honors Statistics and Probability
233	MNFG	094	CNC Horizontal Mill Setup and Operation
234	MNFG	105	Solidworks Advanced Solid Modeling
235	MNFG	130A	CATIA Solid Modeling I
236	MNFG	130B	CATIA Solid Modeling II
237	MUS	142	Creating Music with MIDI
238	MUS	143	Intermediate Techniques of MIDI Sequencing
239	MUS	145	Jazz Improvising and Performance Workshop
240	MUS	186	Intermediate Classical Guitar
241	MUS	187	Advanced Classical Guitar
242	MUS	216	Advanced Harmony and Composition I
243	MUS	217	Advanced Harmony and Composition II
244	NRN	101	Nursing Process: Non-Critical Adults
245	NRN	101L	Nursing Actions: Non-Critical Adults
246	NRN	102	Nursing Process: Women, Parents, and Children
247	NRN	102L	Nursing Actions: Women, Parents and Children
248	NRN	112	Nursing Concepts
249	NRN	200	Role Transition

250	NRN	201	Nursing Process: Critical
251	NRN	201L	Nurse Actions: Critical Biological and Psychosocial System Needs I
252	NRN	202L	Nursing Action: Critical Biological and Psychosocial System Needs II
253	NUTR	110	Food Sanitation and Safety
254	OTA	203	Level II Fieldwork- Part II
255	PHAR	072	Pharmacy Technology Externship
256	PHAR	084	Sterile Products Update
257	PHIL	106	Introduction to Philosophy
258	PHIL	106H	Honors Introduction to Philosophy
259	PHIL	108	Ethics
260	PHIL	144	Reasoning and Problem Solving
261	PHYS	210	Principles of Physics I
262	PHYS	217	Engineering Physics I
263	PHYS	227	Engineering Physics II
264	PHYS	237	Engineering Physics III
265	PHYS	289	College Physics II
266	PSYC	100	Introduction to Psychology
267	PSYC	100H	Honors Introduction to Psychology
268	PSYC	157	Introduction to Child Psychology
269	SIGN	114	Classifiers, Fingerspelling, and Numbering
270	SLPA	118	Introduction to Speech-Language Pathology Assisting
271	SLPA	119	Speech-Language and Hearing Development Across the Life Span
272	SLPA	120	Speech-Language Pathology Clinical Management and Procedures
273	SLPA	150	Observation of Speech-Language Pathology Clinical Practices
274	SLPA	180	Speech-Language Pathology Screening Processes and Intervention Procedures
275	SLPA	190	Speech-Language Pathology Assistant Clinical Fieldwork I
276	SLPA	200	Adult and Geriatric Communication Disorders
277	SLPA	250	Speech-Language Pathology Assistant Clinical Fieldwork II

278	SOCS	219	Statistics and Probability
279	SOCS	219H	Honors Statistics and Probability
280	SPAN	101	Elementary Spanish I
281	SPAN	101H	Honors Elementary Spanish I
282	SPAN	102	Elementary Spanish II
283	SPAN	102H	Honors Elementary Spanish II
284	SPAN	201	Intermediate Spanish I
285	SPAN	201H	Honors Intermediate Spanish I
286	SPAN	202	Intermediate Spanish II
287	SPAN	202H	Honors Intermediate Spanish II
288	SPAN	212	College Business Spanish
289	SPEC	N84	Employment Preparation
290	THEA	105	Theatre Technology 1
291	THEA	151	Showcase
292	THEA	154	Performance Ensemble

CONTINUING EDUCATION

293	ABE	137	Topics in Adults Basic Education
294	ESL	130	Topics in English as a Second Language
295	ESL	398	ESL Community Learning Center
296	ESL	490	Advanced Writing and Grammar Review
297	ESL	408	ESL/Family Literacy Intermediate 1
298	ESL	409	ESL/Family Literacy Intermediate 2
299	ESL	703	Academic ESL Beginning 3
300	ESL	711	Academic ESL Intermediate 1
301	ESL	712	Academic ESL Intermediate 2
302	ESL	713	Academic ESL Intermediate 3
303	HOMECE	520	HSS Consumer Education

304	HSENG	065	English Fundamentals 1
305	HSENG	066	English Fundamentals 2
306	HSENG	085	Composition 3
307	HSS	144	Topics in Adult Secondary Education
308	HSSCI	192	Basic Science 1
309	HSSCI	193	Basic Science 2
310	HSSCI	196	Health Science
311	HSSCI	218	U.S. History 1: Colonization to Industrialization
312	HSSCI	219	U.S. History 2: The Shaping of Modern America
313	HSSCI	224	World Geography 1A
314	HSSCI	225	World Geography 1B
315	SSD	400	Developmentally Disabled Adults Job Coach Training
316	SSD	788	Independent Living Skills for Adults with Developmental Disabilities
317	SSD	792	Topics for Adults with Substantial Disabilities
318	VBUS	123	Introduction to Computer Software Applications
319	VBUS	200	Topics in Career Technical Education
320	VBUS	243	Introduction to Customer Service Skills
321	VBUS	244	Introduction to Databases Using Microsoft Access
322	VBUS	245	Introduction to Desktop Publishing Using Microsoft Publisher
323	VBUS	259	Orientation to Computers
324	VBUS	400	Employability Skills
325	VBUS	450	Hardware & Software A+ Preparation, Review, and Practice
326	VBUS	576	Computer Basics: Systems and Networking Essentials
327	VBUS	590	Introduction on How to Start a Small Business
328	VBUS	668	Introduction to Automotive Vehicle Maintenance
329	VHLTH	100	Topics in Health Services

COURSE DELETIONS**CATALOG 2014 – 2015****SANTA ANA COLLEGE**

1	ACCT	105	Intermediate Federal and California Taxes
2	ACCT	107	Accounting Skills Development
3	AUTO	003	Introduction to Diesel/ Hybrid Vehicles
4	BIOL	170	Environmental Challenge of the 21st Century
5	BIOL	179	Plants of Orange County
6	CJ	111A	Volunteer Internship Academy
7	CJ	111B	Supervised Internship Work Experience
8	CJA	006A	Dispatch and Records Functions
9	CJA	033B	Explorer Academy
10	CMSD	125	Media Editing Workshop
11	DSL	3	Introduction to Diesel/ Hybrid Vehicles
12	FAC	009	Basic Wellness & Fitness Assessment for Public Safety Personnel
13	FOT	30	Driver Operator 1A1
14	FOT	31	Driver Operator 1B
15	HUD	226	Developing Teaching Tools for the Preschool Class
16	HUD	260	Youth in the Foster Care System
17	HUD	077	Active Parenting Today
18	KNAC	107	Badminton (0.5 unit)
19	KNAC	140	Karate (0.5 unit)
20	KNAC	150	Hatha (0.5 unit)
21	KNAC	155	Self-Defense (0.5 unit)
22	KNAC	160	Tennis (0.5 unit)
23	KNAC	169	Wrestling (0.5 unit)
24	KNAC	170	Yoga (0.5 unit)
25	KNAC	226	Water Polo (0.5 unit)

26	KNAC	260	Soccer (0.5 unit)
27	KNAC	265	Indoor Soccer (0.5 unit)
28	KNAC	290	Volleyball (0.5 unit)
29	KNAC	292	Advanced Volleyball-Women (0.5 unit)
30	KNAD	202	Adapted Circuit Training (0.5 unit)
31	KNAD	208	Adapted Aerobic Fitness (0.5 unit)
32	KNAD	211	Adapted Aquatics (0.5 unit)
33	KNAF	140	Walking/Jogging for Fitness (0.5 unit)
34	KNAF	143	Extreme Fitness (0.5 unit)
35	KNAF	144	Cross Training (0.5 unit)
36	KNAF	146	Stability Ball Training for Fitness (0.5 unit)
37	KNAF	150	Stretch, Flex and Tone (0.5 unit)
38	KNAF	157	Cardio Pump (0.5 unit)
39	KNAQ	201	Swimming (0.5 unit)
40	KNAQ	206	Lap Swimming (0.5 unit)
41	KNIA	124	Conditioning for Athletes-Men (1.0 unit)
42	MATH	61	Elementary Algebra with Lab
43	NRN	045	Cardiopulmonary Resuscitation Recertification
44	PHAR	64	New Drug Update
45	PHYS	217L	Physic 217L
46	READ	092	Reading for Meaning: Multicultural Literature
47	SPEC	N57	Acquired Brain Impairment Language Recovery
48	SPEC	205	Exceptionality and Special Needs in Human Development
49	SPEC	N51	Speech and Language Development
50	SPEC	N63	Advances in Learning Potential

CONTINUING EDUCATION

51	ESL	701	Academic English as a Second Language Beginning 1
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52	ESL	702	Academic English as a Second Language Beginning 2
53	HSART	845	Drawing and Painting 1
54	HSENG	601	American English Pronunciation C
55	HSSCI	195	Chemistry 1

REVISED PROGRAMS/CERTIFICATES

CATALOG 2014 – 2015

SANTA ANA COLLEGE

- 1 Administrative Fire Services Chief Officer Certificate
- 2 Administrative Fire Services Chief Officer Degree
- 3 Advanced Engine Performance Option Certificate
- 4 Apparel Product Development and Technical Design Certificate
- 5 Apparel Product Development and Technical Design Degree
- 6 Associate in Arts in Psychology
- 7 Associate in Arts in Kinesiology for Transfer
- 8 Associate in Arts in Psychology for Transfer
- 9 Associate in Arts in Theatre Arts for Transfer
- 10 Automotive Business Technology Certificate
- 11 Automotive Technology Degree
- 12 Chemistry Degree
- 13 CNC Milling Machine Set Up and Operation Option Certificate of Achievement
- 14 CNC Milling Machine Set Up and Operation Option Degree
- 15 CNC Programmer A-Mastercam Option
- 16 CNC Programmer A-Mastercam Option Degree
- 17 Computer Aided Drafting and Design Certificate
- 18 Conventional Machining Option
- 19 Conventional Machining Option Degree
- 20 Diesel and Heavy Equipment Technology Certificate
- 21 Diesel and Heavy Equipment Technology Degree
- 22 Digital Publishing Certificate
- 23 Digital Publishing Degree
- 24 Engineering Computer Aided Drafting and Design Degree
- 25 Engineering Drafting and Design Option I-Engineering Drafting and Design Certificate

- 26 Engineering Drafting and Design Option I-Engineering Drafting and Design Degree
- 27 Engineering Industrial Technology Certificate
- 28 Engineering Industrial Technology Degree
- 29 English Degree
- 30 Enterprise Systems Certificate
- 31 Entrepreneurship and Innovation Certificate
- 32 Entrepreneurship and Innovation Degree
- 33 Fashion Design Certificate
- 34 Fashion Design Degree
- 35 Fashion Merchandising Certificate
- 36 Fashion Merchandising Degree
- 37 Fire Administration Option Certificate
- 38 Fire Administration Option Degree
- 39 Fire Prevention Officer Certificate
- 40 Fire Prevention Officer Degree
- 41 General Business Applications and Technology Certificate
- 42 General Business Applications and Technology Degree
- 43 Geology Degree
- 44 Help Desk Certificate
- 45 Human Resource Management Certificate
- 46 International Business Degree
- 47 Kinesiology Coaching Certificate
- 48 Kinesiology Degree
- 49 Liberal Arts Degree
- 50 Library Technology Certificate
- 51 Library Technology degree
- 52 Mathematics Degree
- 53 Mechanical 3D Solid Modeling CAD Certificate

- 54 Microsoft Office Professional Certificate
- 55 Microsoft Office Professional Degree
- 56 Networking Certificate
- 57 Nursing-Registered Nursing Degree
- 58 Occupational Therapy Assistant Degree
- 59 Office Management Certificate
- 60 Office Management Degree
- 61 Paralegal Certificate
- 62 Paralegal Degree
- 63 Public Fire Service Option Certificate
- 64 Public Fire Service Option Degree
- 65 School Age Option Certificate
- 66 School Age Option Degree
- 67 Small Business Certificate
- 68 Supervision Certificate

CONTINUING EDUCATION

- 69 Academic ESL Int B Certificate
- 70 Communication ESL Int B Certificate
- 71 Secondary Education (GED Test Preparation) Certificate of Completion
- 72 Vocational ESL C Certificate

PROGRAMS/CERTIFICATES DELETIONS

CATALOG 2014 – 2015

SANTA ANA COLLEGE

- 1 Advertising Certificate
- 2 Business Management Degree
- 3 Entertainment Industry Management Certificate
- 4 General Management
- 5 Mechanical 3D Solid Modeling CAD Degree
- 6 Professional Selling Certificate
- 7 Training Officer Option Certificate
- 8 Training Officer Option Degree

CONTINUING EDUCATION

- 9 Academic ESL Beg A Certificate
- 10 Academic ESL Beg B Certificate

CATALOG 2014 – 2015

**GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE
DEGREE – PLAN A**

Area: C – Humanities

- ENGL 233D was removed
- ITAL 120 and 121 were added

Area: E – Language and Rationality

Category: 2 – Communication and Analytical Thinking

- MATH 078 was removed
- MATH 087 was added
- PSYC 210 was added

Area: F - Lifelong Understanding and Self-Development

- KNAC 107, 140, 150, 155, 160, 169, 170, 211, 226, 235, 236, 260, 262, 265, 270, 290, and 292 were removed
- KNAC 140A, 150A, 155A, 160A, 169A, 170 A, 211A, 211B, 226A, 270A, 290A, and 290B were added
- KNAD 201, 202, 205, 208, and 211 were removed
- KNAD 201A and 205A were added
- KNAF 140, 143, 144, 146, 150, and 157 were removed
- KNAF 140A, 143A, 144A, 150A, and 157A were added
- KNAQ 201 and 206 were removed
- KNAQ 201A and 201B were added
- KNFI 112A, 112B, and 112C were added
- KNIA 124 was removed
- KNIA 235 was added

**GENERAL EDUCATION REQUIREMENTS FOR THE CALIFORNIA
STATE UNIVERSITY – PLAN B**

Area: B – Scientific Inquiry and Quantitative Reasoning

Category: 4 – Mathematics/Quantitative Reasoning

- PSYC 210 was added

Area: C – Arts and Humanities

Category: C1 – Arts: Art, Cinema, Dance, Music, Theatre

- ENGL 233D was removed

Category: C2 – Humanities, Literature, Philosophy, and Languages Other Than English

- ENGL 233D was removed
- ITAL 120 and 121 were added

Area: E – Lifelong Learning and Self-Development

Category: E2

- KNAC 107, 140, 150, 155, 160, 169, 170, 200, 226, 235, 236, 260, 265, 290, and 292 were removed
- KNAC 140A, 150A, 155A, 160A, 169A, 170 A, 200A, 200B, 200C, 211A, 211B, 226A, 270A, 290A, and 290B were added
- KNAD 201, 202, 205, 208, and 211 were removed
- KNAD 201A and 205A were added
- KNAF 140, 143, 144, 150, and 157 were removed
- KNAF 140A, 143A, 144A, 150A, and 157A were added
- KNAQ 201 and 206 were removed
- KNAQ 201A and 201B were added
- KNFI 112A, 112B, and 112C were added
- KNIA 270 was removed
- KNIA 133, 134, 171, 227, 235, 271, 281, and 291 were added

**INTERSEGMENTAL GENERAL EDUCATION TRANSFER
CURRICULUM – PLAN C**

Area: 2A – Mathematical Concepts & Quantitative Reasoning

- PSYC 210 was added

Area: 3 – Arts and Humanities

Group: B – Humanities

- ENGL 233D was removed
- ITAL 121 was added

Area: 4 – Social & Behavioral Sciences

- HIST 101, 101H, 102, 102H were added

Area: 6A – Language Other Than English

- ITAL 120 was added