

CBEDS Vocational Education Industry Sectors

SEP 1 0 2015

Industry Sector		Agriculture & Natural Resources	California Industry Sectors	Non Trad Pathway
Code	Course Title			
1	4011 Plant Science	Agriculture & Natural Resources	Agriculture & Natural Resources	F 106
1	4012 Soil Science	Agriculture & Natural Resources	Agriculture & Natural Resources	F 106
1	4013 Viticulture	Agriculture & Natural Resources	Agriculture & Natural Resources	F 106
1	4015 Crop Production	Agriculture & Natural Resources	Agriculture & Natural Resources	F 106
1	4021 Introduction to Animal Science	Agriculture & Natural Resources	Agriculture & Natural Resources	F 103
1	4022 Large Animal Science	Agriculture & Natural Resources	Agriculture & Natural Resources	F 103
1	4023 Small Animal Care & Management	Agriculture & Natural Resources	Agriculture & Natural Resources	F 103
1	4024 Veterinary Science	Agriculture & Natural Resources	Agriculture & Natural Resources	F 103
1	4025 Aquaculture	Agriculture & Natural Resources	Agriculture & Natural Resources	F 103
1	4031 Introduction to Agriculture Mechanics	Agriculture & Natural Resources	Agriculture & Natural Resources	F 101
1	4032 Agricultural Welding	Agriculture & Natural Resources	Agriculture & Natural Resources	F 101
1	4033 Fabrication & Construction	Agriculture & Natural Resources	Agriculture & Natural Resources	F 101
1	4034 Engine & Power Mechanics	Agriculture & Natural Resources	Agriculture & Natural Resources	F 101
1	4035 Equipment Operation & Repair	Agriculture & Natural Resources	Agriculture & Natural Resources	F 101
1	4041 Ag Economics	Agriculture & Natural Resources	Agriculture & Natural Resources	F 100
1	4042 Ag Sales & Marketing	Agriculture & Natural Resources	Agriculture & Natural Resources	F 100
1	4043 Ag Communications & Leadership	Agriculture & Natural Resources	Agriculture & Natural Resources	F 100
1	4044 Ag Computers & Technology	Agriculture & Natural Resources	Agriculture & Natural Resources	F 100
1	4051 Introduction to Ornamental Horticulture	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105
1	4052 Floriculture & Floral Design	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105
1	4053 Landscape Design	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105
1	4054 Greenhouse & Nursery Management	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105
1	4055 Landscape & Turf Management	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105
1	4061 Forestry	Agriculture & Natural Resources	Agriculture & Natural Resources	F 104
1	4062 Wildlife Management	Agriculture & Natural Resources	Agriculture & Natural Resources	F 104
1	4063 Natural Resources Management	Agriculture & Natural Resources	Agriculture & Natural Resources	F 104
1	4071 Introduction to Agriscience	Agriculture & Natural Resources	Agriculture & Natural Resources	102
1	4072 Agricultural Environmental & Earth Science	Agriculture & Natural Resources	Agriculture & Natural Resources	102
1	4073 Agricultural Biology	Agriculture & Natural Resources	Agriculture & Natural Resources	102
1	4074 Advanced Agriscience	Agriculture & Natural Resources	Agriculture & Natural Resources	102
1	4075 Food Science	Agriculture & Natural Resources	Agriculture & Natural Resources	M 102
1	4101 Floristry	Agriculture & Natural Resources	Agriculture & Natural Resources	F 105

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Industry Sector Arts, Media & Entertainment					
	Code	Course Title	California Industry Sectors	Non Trad Pathway	
2	5527	Stage technology	Arts, Media & Entertainment		113
2	5621	Introduction to Graphic arts technology	Arts, Media & Entertainment		111
2	5622	Intermediate graphics technology	Arts, Media & Entertainment		111
2	5702	Animation	Arts, Media & Entertainment		111
2	5711	Digital Animation	Arts, Media & Entertainment		111
2	5712	Internet publishing	Arts, Media & Entertainment		111
2	5713	Two-Dimensional design	Arts, Media & Entertainment		111
2	5714	Three-Dimensional design	Arts, Media & Entertainment		111
2	5715	Film making	Arts, Media & Entertainment	F	113
2	5716	Video production	Arts, Media & Entertainment	F	113
2	5717	Cinematography	Arts, Media & Entertainment	F	111
2	5718	Intermediate Dance Performance	Arts, Media & Entertainment		112
2	5719	Advanced Dance/Choreography	Arts, Media & Entertainment		112
2	5720	Intro to Dance/Choreography	Arts, Media & Entertainment		111
2	5721	Professional theater/play production	Arts, Media & Entertainment		112
2	5723	Instrument tuning and repair	Arts, Media & Entertainment		112
2	5724	Professional music composition and argangement	Arts, Media & Entertainment		112
2	5725	Radio production	Arts, Media & Entertainment		113
2	5727	Intermediate Musical Performance	Arts, Media & Entertainment		112
2	5729	Introduction to Media Arts/Game Design	Arts, Media & Entertainment		111
2	5730	Multimedia production	Arts, Media & Entertainment		113
2	5731	Broadcast production	Arts, Media & Entertainment	F	113
2	5732	Intermediate Stage Technology	Arts, Media & Entertainment		113
2	5733	Set design and construction	Arts, Media & Entertainment		113
2	5734	Arts management	Arts, Media & Entertainment		113
2	5735	Intermediate Game Design	Arts, Media & Entertainment	F	114
2	5736	Advanced Game Design	Arts, Media & Entertainment	F	114
2	5737	Visual Art and Related Careers	Arts, Media & Entertainment		111
2	5742	Intermediate Theatre Performance	Arts, Media & Entertainment		112
2	5743	Advanced Theatre Performance	Arts, Media & Entertainment		112
2	5744	Stage production	Arts, Media & Entertainment		113
2	5745	Television production	Arts, Media & Entertainment	F	113

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2	5751	Graphic communications	Arts, Media & Entertainment	F	111
2	5752	Computer gaming and design	Arts, Media & Entertainment		114
2	5754	Commercial art	Arts, Media & Entertainment		111
2	5755	Commercial photography	Arts, Media & Entertainment		111
2	5759	Photography production and technology	Arts, Media & Entertainment		111
2	5760	Photographic, laboratory and darkroom	Arts, Media & Entertainment		111
2	5769	Other arts, media and entertainment	Arts, Media & Entertainment		111
2	5770	Broadcasting technology	Arts, Media & Entertainment	F	113

Industry Sector Building and Construction Trades

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
3	5501	Introduction to Building and Construction Trades	Building and Construction Trades		123
3	5502	Residential and commercial construction	Building and Construction Trades	F	123
3	5505	Brick, block, and stonemasonry	Building and Construction Trades	F	121
3	5506	Exploring Building and Mechanical Systems	Building and Construction Trades	F	122
3	5507	Carpentry	Building and Construction Trades	F	121
3	5509	Construction equipment operation	Building and Construction Trades	F	121
3	5514	Furniture Making	Building and Construction Trades	F	120
3	5516	Heating and air conditioning	Building and Construction Trades	F	122
3	5520	Millwork and cabinetmaking	Building and Construction Trades	F	120
3	5531	Introduction to Woodworking Principles	Building and Construction Trades		120
3	5532	Cabinetmaking and Wood Products	Building and Construction Trades	F	120
3	5533	Engineering and Heavy Construction	Building and Construction Trades	F	121
3	5534	Mechanical construction	Building and Construction Trades		122
3	5950	Construction Technology	Building and Construction Trades	F	120

Industry Sector Education, Child Development and Family

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
4	4310	Exploratory home economics (any of gr 6-8)	Education, Child Development and Family		131
4	4311	Consumer home economics comprehensive I	Education, Child Development and Family		131
4	4312	Consumer home economics comprehensive II	Education, Child Development and Family		131
4	4321	Child development and guidance	Education, Child Development and Family	M	130
4	4323	Psychological development of children	Education, Child Development and Family	M	130
4	4341	Consumer education	Education, Child Development and Family		131
4	4351	Family and human development	Education, Child Development and Family		133

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4	4371	Resource management	Education, Child Development and Family		131
4	4391	Individual and family health	Education, Child Development and Family		133
4	4398	Other consumer and family studies	Education, Child Development and Family		131
4	4400	Careers in child development	Education, Child Development and Family	M	130
4	4401	Teaching careers or careers in education	Education, Child Development and Family	M	132
4	4451	Family and human services	Education, Child Development and Family		133
4	4452	Elder care/intergenerational services	Education, Child Development and Family		133
4	4461	Consumer, personal and financial services	Education, Child Development and Family		131

Industry Sector Energy, Environment, and Utilities

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
5	5550	Alternative Technologies	Energy, Environment, and Utilities	F	143
5	5551	Introduction to electronics technology	Energy, Environment, and Utilities		140
5	5552	Emerging Technologies in Energy, Environment and	Energy, Environment, and Utilities	F	143
5	5557	Computer electronics	Energy, Environment, and Utilities	F	141
5	5561	Electronics technology	Energy, Environment, and Utilities	F	140
5	5569	Energy, Society, and the Environment	Energy, Environment, and Utilities		141
5	5577	Power and energy	Energy, Environment, and Utilities		143
5	5582	Environmental Law and Policy	Energy, Environment, and Utilities		141
5	5583	Introduction to Electrical Power Systems	Energy, Environment, and Utilities		143
5	5584	Introduction to Environmental Resources	Energy, Environment, and Utilities		141
5	5585	Power and Energy Technology	Energy, Environment, and Utilities	F	143
5	5587	Water, Land Use, and the Environment	Energy, Environment, and Utilities	F	141
5	5691	Energy and environmental technology	Energy, Environment, and Utilities	F	141
5	5692	Public utilities	Energy, Environment, and Utilities		142

Industry Sector Engineering and Architecture

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
6	5571	Architectural and structural engineering	Engineering and Architecture	F	150
6	5573	Engineering design	Engineering and Architecture	F	152
6	5574	Principles of Engineering technology	Engineering and Architecture	F	153
6	5575	Environmental and natural science engineering	Engineering and Architecture	F	154
6	5705	Computer-aided drafting/design	Engineering and Architecture	F	150
6	5750	Environmental Engineering Level 2	Engineering and Architecture	F	154
6	5781	Exploring engineering & design level 1	Engineering and Architecture	F	152

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6	5782	Exploring engineering & design level 2	Engineering and Architecture	F	152
6	5783	Principles of engineering & design technology	Engineering and Architecture	F	150

Industry Sector Fashion and Interior Design

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
7	4331	Fashion textiles and apparel	Fashion and interior design		160
7	4333	Apparel design and construction	Fashion and interior design	M	160
7	4381	Housing and furnishings	Fashion and interior design		161
7	4382	Environmental design	Fashion and interior design		161
7	4410	Fashion merchandising	Fashion and interior design		160
7	4411	Fashion and textile design	Fashion and interior design		160
7	4412	Apparel manufacturing, production, and maintena	Fashion and interior design		160
7	4413	Makeup Artistry	Fashion and interior design	M	162
7	4430	Interior design, furnishing, and maintenance	Fashion and interior design		161
7	5811	Barbering	Fashion and interior design	F	162
7	5812	Cosmetology	Fashion and interior design	M	162
7	5814	Manicuring	Fashion and interior design	M	162

Industry Sector Business and Finance

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
8	4600	Accounting/computer accounting	Business and Finance		180
8	4602	Business fundamentals	Business and Finance		182
8	4611	Banking and Financial Services	Business and Finance	M	180
8	4612	Business Financial Management	Business and Finance		180
8	4622	Business Support and Services	Business and Finance		182
8	4623	Business technology	Business and Finance		182
8	4625	International Business	Business and Finance		181
8	4626	International Business Communications	Business and Finance		181
8	4627	International Economics	Business and Finance		181
8	4628	International Finance	Business and Finance		181
8	4629	Personal Finance	Business and Finance		180
8	4630	Business economics	Business and Finance		180
8	4637	Business management	Business and Finance	F	182
8	4638	Business Communications	Business and Finance		182
8	4698	Other Finance and Business Course	Business and Finance		182

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Industry Sector Health Science and Medical Technology				
	Code	Course Title	California Industry Sectors	Non Trad Pathway
9	4228	Abnormal Psychology	Health Science and Medical Technology	195
9	4245	Biotechnology I	Health Science and Medical Technology	196
9	4246	Biotechnology II	Health Science and Medical Technology	196
9	4247	Biotechnology III	Health Science and Medical Technology	196
9	4248	Child Development Prevention and Early Interven	Health Science and Medical Technology	195
9	4249	Dential Services	Health Science and Medical Technology	M 198
9	4250	Diagnostis Services	Health Science and Medical Technology	198
9	4251	Epodemiology in Public Health	Health Science and Medical Technology	199
9	4252	Fundamentals of Emergemcy Preparedness for H	Health Science and Medical Technology	197
9	4253	Health Science Preparation	Health Science and Medical Technology	196
9	4254	Introduction to Mental & Defavorial Health Career	Health Science and Medical Technology	195
9	4257	Healthcare Occupations	Health Science and Medical Technology	M 198
9	4258	Healthcare Occupations Supplemental	Health Science and Medical Technology	M 198
9	4259	Introduction to Biotechnology	Health Science and Medical Technology	196
9	4263	Introduction to Health Information and Record Sy	Health Science and Medical Technology	250
9	4264	Indroductio to Healthcare Administrative Service	Health Science and Medical Technology	250
9	4269	Introduction to Healthcare Operational Support O	Health Science and Medical Technology	197
9	4270	Introduction to Public and Community Health	Health Science and Medical Technology	199
9	4271	Introduction Psychology	Health Science and Medical Technology	195
9	4272	Materials Management and Purchasing	Health Science and Medical Technology	197
9	4273	Medical Terminology	Health Science and Medical Technology	195
9	4274	Medical Insurance Billing and Coding	Health Science and Medical Technology	M 250
9	4275	Medical Office	Health Science and Medical Technology	M 198
9	4279	Nursing Service	Health Science and Medical Technology	M 198
9	4281	Nutrition Services for Healthcare	Health Science and Medical Technology	M 197
9	4282	Personal and Community Health	Health Science and Medical Technology	199
9	4283	Public Health Emergency Preparedness	Health Science and Medical Technology	199
9	4284	Therapeutic Services	Health Science and Medical Technology	M 198
Industry Sector Hospitality, Tourism and Recreation				
	Code	Course Title	California Industry Sectors	Non Trad Pathway
10	4361	Food and nutrition	Hospitality, Tourism and Recreation	M 200

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10	4362	Nutritional science	Hospitality, Tourism and Recreation	M	200
10	4420	Food and hospitality services	Hospitality, Tourism and Recreation	M	200
10	4421	Food and beverage production and preparation	Hospitality, Tourism and Recreation	F	200
10	4441	Hospitality, tourism, and recreation	Hospitality, Tourism and Recreation		202
10	4442	Hotel and Lodging services	Hospitality, Tourism and Recreation		202
10	4443	Travel related services	Hospitality, Tourism and Recreation		202
10	4444	Theme parks, attractions, and events	Hospitality, Tourism and Recreation		202
10	4471	Food science, dietetics and nutrition	Hospitality, Tourism and Recreation	M	200
10	4472	Food science and technology	Hospitality, Tourism and Recreation	M	200

Industry Sector Information and Communication Technology

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
11	4604	Network Engineering	Information and Communication Technology	F	172
11	4605	Web Site Development	Information and Communication Technology		171
11	4606	Computer Graphics and Media Technology	Information and Communication Technology		171
11	4607	3D Media Design 1	Information and Communication Technology		174
11	4615	Office Systems and Technologies	Information and Communication Technology	F	170
11	4616	Computer Programming and Game Design	Information and Communication Technology	F	175
11	4617	Game Design and Development	Information and Communication Technology		175
11	4618	Telecommunications	Information and Communication Technology	F	143
11	4619	Computer Programming for Solving Applied Probl	Information and Communication Technology	F	174
11	4631	Database Design and SQL Programming	Information and Communication Technology	F	174
11	4632	Digital Literacy	Information and Communication Technology		170
11	4633	Computer Repair and Support	Information and Communication Technology	F	170
11	4634	Exploring Computer Science	Information and Communication Technology	F	174
11	4635	Graphic Communications	Information and Communication Technology		174
11	4636	Multimedia amd Animation	Information and Communication Technology		174
11	4646	Network Security	Information and Communication Technology	F	172
11	4647	Robotic Technologies	Information and Communication Technology	F	174
11	4648	Social and News Media Technologies	Information and Communication Technology		174

Industry Sector Manufacturing and Product Development

	Code	Course Title	California Industry Sectors	Non Trad Pathway	
12	5606	Jewelry design, fabrication, and repair	Manufacturing and Product Development		210
12	5619	Welding technology	Manufacturing and Product Development	F	213

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12	5620	Specialized welding program	Manufacturing and Product Development	F	213
12	5625	Principles of manufacturing & design Tech	Manufacturing and Product Development		212
12	5627	Advanced/Specialized Graphic Production Techn	Manufacturing and Product Development	F	210
12	5628	Advanced/Specialized Machining and Forming Te	Manufacturing and Product Development	F	212
12	5629	Advanced/Specialized Product Design and Inniva	Manufacturing and Product Development	F	216
12	5630	Advanced/Specialized Welding and Materials Joi	Manufacturing and Product Development	F	213
12	5631	Drafting/Computer Aided Design	Manufacturing and Product Development	F	216
12	5632	Emerging Technologies in Manufacturing and Prod	Manufacturing and Product Development		216
12	5633	Exploration of Manufacturing Occupations	Manufacturing and Product Development		212
12	5634	Graphic Production Technologies	Manufacturing and Product Development		210
12	5635	Maching and Forming Technologies	Manufacturing and Product Development	F	212
12	5636	Manufacturing/Materials/Processing/Production	Manufacturing and Product Development	F	216
12	5637	Manufacturing Comprehensive	Manufacturing and Product Development	F	212
12	5638	Product Development	Manufacturing and Product Development		216
12	5639	Welding Technologies and Fabrication	Manufacturing and Product Development	F	213
12	5756	Composition, make-up and typesetting	Manufacturing and Product Development	F	210
12	5762	Silk screen making and printing	Manufacturing and Product Development		210
12	5940	Exploring technology (general indust. arts)	Manufacturing and Product Development		212
12	5955	Manufacturing technology (metal shop)	Manufacturing and Product Development	F	212

Industry Sector Marketing, Sales and Service

	Code	Course Title	California Industry Sectors	Non Trad Pathway
13	4100	Advertising services	Marketing, Sales and Service	244
13	4103	Financial services	Marketing, Sales and Service	243
13	4107	Retal Sales	Marketing, Sales and Service	243
13	4115	E-Commerce	Marketing, Sales and Service	243
13	4119	Customer service representative	Marketing, Sales and Service	243
13	4122	Marketing fundamentals	Marketing, Sales and Service	243
13	4123	Business Careeer Exploration	Marketing, Sales and Service	243
13	4124	Business Technology	Marketing, Sales and Service	243
13	4125	Enterpreneurhip and Introduction I	Marketing, Sales and Service	241
13	4126	Enterpreneurhip and Introduction II	Marketing, Sales and Service	241
13	4127	Marketing and Business Fundamentals	Marketing, Sales and Service	244
13	4128	Marketing I	Marketing, Sales and Service	244
13	4129	Marketing II	Marketing, Sales and Service	244

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13	4130	Professional Sales I	Marketing, Sales and Service	243
13	4131	Professional Sales II	Marketing, Sales and Service	243
13	4132	Small Business Services	Marketing, Sales and Service	241
13	4133	Specialized Marketing	Marketing, Sales and Service	244
13	5866	Bicycle repair	Marketing, Sales and Service	F 241

Industry Sector Public Services

	Code	Course Title	California Industry Sectors	Non Trad Pathway
14	5802	Marriage and family relations	Public Services	230
14	5808	Firefighting Technology	Public Services	F 233
14	5809	First Responders Basic	Public Services	233
14	5810	Introduction to Emergency Services	Public Services	233
14	5831	Fire control and safety	Public Services	F 232
14	5832	Introduction to Legal Careers	Public Services	231
14	5833	Firefighting occupations	Public Services	F 232
14	5834	Social Justice and Advocacy	Public Services	231
14	5840	Forensic science	Public Services	232
14	5842	Corrections occupations	Public Services	232
14	5843	Homeland security	Public Services	F 232
14	5845	Criminal law	Public Services	M 231
14	5846	Introduction to Public Safety Careers	Public Services	F 232
14	5847	Law enforcement services	Public Services	F 232
14	5850	Civil law	Public Services	231
14	5851	Constitutional law	Public Services	231

Industry Sector Transportation

	Code	Course Title	California Industry Sectors	Non Trad Pathway
15	5652	Intro to Automotive	Transportation	221
15	5653	Aircraft mechanics	Transportation	F 221
15	5655	Automotive mechanics, Comprehensive	Transportation	F 221
15	5657	Diesel equipment Mechanics	Transportation	F 221
15	5658	Heavy Equipment Mechanics	Transportation	F 221
15	5659	Marine powerplant maintenance	Transportation	F 221
15	5660	Motorcycle repair	Transportation	F 221
15	5661	Small Engine Mechanics	Transportation	F 221

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15	5662	Truck and bus driving	Transportation	F	221
15	5663	Structural Repair and Refinishing, Comprehensiv	Transportation	F	220
15	5664	Structural Repair	Transportation	F	220
15	5666	Painting and Refinishing	Transportation	F	220
15	5667	Emerging Technologies in Transportation	Transportation		221
15	5668	Automotive Service	Transportation		221
15	5669	Advanced Automotive	Transportation	F	221
15	5673	Distribution and Logisitics	Transportation	F	221
15	5681	Parts and Service	Transportation	F	221
15	5683	Rail Technologies	Transportation	F	221
15	5685	Upholstery	Transportation	F	220
15	5687	Warehouse Operations	Transportation		223
15	5688	Automotive specialty, other combinations	Transportation	F	221
15	5698	Other transportation	Transportation		221