

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
4100	Advertising Services			13	Marketing, Sales, and Service	244	Marketing
4107	Retail Sales General Merchandise Retailing	Yes		13	Marketing, Sales, and Service	243	Professional Sales
4119	Customer Service Representative			13	Marketing, Sales, and Service	243	Professional Sales
4122	Marketing Fundamentals	Yes		13	Marketing, Sales, and Service	243	Professional Sales
4420	Food Service and hospitality services	Yes		10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition
4623	Business Technology	Yes		4	Business and Finance	182	Business Management
4638	Business Communications			4	Business and Finance	182	Business Management
5663	Repair & Refinishing, Comprehensive		Yes	15	Transportation	220	Structural Repair and Refinishing
4331	Fashion textiles and apparel			8	Fashion and Interior Design	160	Fashion Design, Manufacturing, and Merchandising
4011	Plant Science		Yes	1	Agriculture and Natural Resources	106	Plant and Soil Science
4012	Soil Science		Yes	1	Agriculture and Natural Resources	106	Plant and Soil Science
4013	Viticulture		Yes	1	Agriculture and Natural Resources	106	Plant and Soil Science
4015	Crop Production		Yes	1	Agriculture and Natural Resources	106	Plant and Soil Science
4021	Introduction to Animal Science		Yes	1	Agriculture and Natural Resources	103	Animal Science
4022	Large Animal Science		Yes	1	Agriculture and Natural Resources	103	Animal Science
4023	Small Animal Care & Management		Yes	1	Agriculture and Natural Resources	103	Animal Science
4024	Veterinary Science		Yes	1	Agriculture and Natural Resources	103	Animal Science
4025	Aquaculture		Yes	1	Agriculture and Natural Resources	103	Animal Science
4031	Introduction to Agricultural Mechanics		Yes	1	Agriculture and Natural Resources	101	Agricultural Mechanics
4032	Agricultural Welding		Yes	1	Agriculture and Natural Resources	101	Agricultural Mechanics
4033	Fabrication & Construction		Yes	1	Agriculture and Natural Resources	101	Agricultural Mechanics
4034	Engine & Power Mechanics		Yes	1	Agriculture and Natural Resources	101	Agricultural Mechanics
4035	Equipment Operation & Repair		Yes	1	Agriculture and Natural Resources	101	Agricultural Mechanics
4041	Ag Economics		Yes	1	Agriculture and Natural Resources	100	Agricultural Business
4042	Ag Sales & Marketing		Yes	1	Agriculture and Natural Resources	100	Agricultural Business
4043	Ag Communications & Leadership		Yes	1	Agriculture and Natural Resources	100	Agricultural Business
4044	Ag Computers & Technology		Yes	1	Agriculture and Natural Resources	100	Agricultural Business
4051	Introduction to Ornamental Horticulture		Yes	1	Agriculture and Natural Resources	105	Ornamental Horticulture
4052	Floriculture & Floral Design		Yes	1	Agriculture and Natural Resources	105	Ornamental Horticulture
4053	Landscape Design		Yes	1	Agriculture and Natural Resources	105	Ornamental Horticulture
4054	Greenhouse & Nursery Management		Yes	1	Agriculture and Natural Resources	105	Ornamental Horticulture
4055	Landscape & Turf Management		Yes	1	Agriculture and Natural Resources	105	Ornamental Horticulture
4061	Forestry		Yes	1	Agriculture and Natural Resources	104	Forestry and Natural Resources
4062	Wildlife Management		Yes	1	Agriculture and Natural Resources	104	Forestry and Natural Resources

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
4063	Natural Resource Management		Yes	1	Agriculture and Natural Resources	104	Forestry and Natural Resources
4071	Introduction to Agriscience			1	Agriculture and Natural Resources	102	Agriscience
4072	Agricultural Environmental & Earth Science			1	Agriculture and Natural Resources	102	Agriscience
4073	Agricultural Biology			1	Agriculture and Natural Resources	102	Agriscience
4074	Advanced Agriscience			1	Agriculture and Natural Resources	102	Agriscience
4075	Food Science	Yes		1	Agriculture and Natural Resources	102	Agriscience
4103	Financial services			13	Marketing, Sales, and Service	243	Professional Sales
4115	E-commerce			13	Marketing, Sales, and Service	243	Professional Sales
4123	Business Career Exploration			13	Marketing, Sales, and Service	243	Professional Sales
4125	Entrepreneurship and Innovation I			13	Marketing, Sales, and Service	241	Entrepreneurship
4126	Entrepreneurship and Innovation II			13	Marketing, Sales, and Service	241	Entrepreneurship
4127	Marketing and Business Fundamentals			13	Marketing, Sales, and Service	244	Marketing
4128	Marketing I			13	Marketing, Sales, and Service	244	Marketing
4129	Marketing II			13	Marketing, Sales, and Service	244	Marketing
4130	Professional Sales I			13	Marketing, Sales, and Service	243	Professional Sales
4131	Professional Sales II			13	Marketing, Sales, and Service	243	Professional Sales
4132	Small Business Services			13	Marketing, Sales, and Service	241	Entrepreneurship
4133	Specialized Marketing			13	Marketing, Sales, and Service	244	Marketing
4228	Abnormal Psychology:			9	Health Science and Medical Technology	195	Mental and Behavioral Health
4245	Biotechnology I			9	Health Science and Medical Technology	196	Biotechnology
4246	Biotechnology II			9	Health Science and Medical Technology	196	Biotechnology
4247	Biotechnology III			9	Health Science and Medical Technology	196	Biotechnology
4248	Child Development: Prevention and Early Intervention	Yes		9	Health Science and Medical Technology	195	Mental and Behavioral Health
4249	Dental Services	Yes		9	Health Science and Medical Technology	198	Patient Care
4250	Diagnostic Services			9	Health Science and Medical Technology	198	Patient Care
4251	Epidemiology in Public Health			9	Health Science and Medical Technology	199	Public and Community Health
4252	Fundamentals of Emergency Preparedness for Healthcare Facilities			9	Health Science and Medical Technology	197	Healthcare Operational Support
4253	Health Science Preparation			9	Health Science and Medical Technology	196	Biotechnology
4254	Introduction Mental & Behavioral Health Careers			9	Health Science and Medical Technology	195	Mental and Behavioral Health
4257	Healthcare Occupations	Yes		9	Health Science and Medical Technology	198	Patient Care
4258	Healthcare Occupations Supplemental	Yes		9	Health Science and Medical Technology	198	Patient Care
4259	Introduction to Biotechnology			9	Health Science and Medical Technology	196	Biotechnology
4263	Introduction to Health Information and Records Systems			9	Health Science and Medical Technology	250	Healthcare Administrative Services
4264	Introduction to Healthcare Administrative Services			9	Health Science and Medical Technology	250	Healthcare Administrative Services

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
4269	Introduction to Healthcare Operational Support Occupations			9	Health Science and Medical Technology	197	Healthcare Operational Support
4270	Introduction to Public and Community Health			9	Health Science and Medical Technology	199	Public and Community Health
4271	Introductory Psychology:			9	Health Science and Medical Technology	195	Mental and Behavioral Health
4272	Materials Management and Purchasing			9	Health Science and Medical Technology	197	Healthcare Operational Support
4273	Medical Terminology			9	Health Science and Medical Technology	195	Mental and Behavioral Health
4274	Medical Insurance Billing and Coding			9	Health Science and Medical Technology	250	Healthcare Administrative Services
4275	Medical Office	Yes		9	Health Science and Medical Technology	198	Patient Care
4279	Nursing Service	Yes		9	Health Science and Medical Technology	198	Patient Care
4281	Nutrition Services for Healthcare	Yes		9	Health Science and Medical Technology	197	Healthcare Operational Support
4282	Personal and Community Health			9	Health Science and Medical Technology	199	Public and Community Health
4283	Public Health Emergency Preparedness			9	Health Science and Medical Technology	199	Public and Community Health
4284	Therapeutic Services	Yes		9	Health Science and Medical Technology	198	Patient Care
4310	Exploratory Home Economics and Technology I and II (any of gr 6-8)			5	Education, Child Development, and Family S	131	Consumer Services
4311	Consumer & family studies comprehensive core I			5	Education, Child Development, and Family S	131	Consumer Services
4312	Consumer & family studies comprehensive core II			5	Education, Child Development, and Family S	131	Consumer Services
4321	Child development and guidance	Yes		5	Education, Child Development, and Family S	130	Child Development
4323	Psychological development of children	Yes		5	Education, Child Development, and Family S	130	Child Development
4333	Apparel design and construction			8	Fashion and Interior Design	160	Fashion Design, Manufacturing, and Merchandising
4341	Consumer education			5	Education, Child Development, and Family S	131	Consumer Services
4351	Family and human development			5	Education, Child Development, and Family S	133	Family and Human Services
4361	Food and nutrition	Yes		10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition
4362	Nutritional science	Yes		10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition
4371	Resource management			5	Education, Child Development, and Family S	131	Consumer Services
4381	Housing and furnishings			8	Fashion and Interior Design	161	Interior Design, Furnishings, and Maintenance
4382	Environmental design			8	Fashion and Interior Design	161	Interior Design, Furnishings, and Maintenance
4391	Individual and family health			5	Education, Child Development, and Family S	133	Family and Human Services
4398	Other consumer and family studies			5	Education, Child Development, and Family S	131	Consumer Services
4400	Careers in child development	Yes		5	Education, Child Development, and Family S	130	Child Development
4401	Teaching careers or careers in education	Yes		5	Education, Child Development, and Family S	132	Education
4410	Fashion merchandising			8	Fashion and Interior Design	160	Fashion Design, Manufacturing, and Merchandising
4411	Fashion and textile design			8	Fashion and Interior Design	160	Fashion Design, Manufacturing, and Merchandising
4412	Apparel Manufacturing, Production, and Maintenance			8	Fashion and Interior Design	160	Fashion Design, Manufacturing, and Merchandising
4413	Makeup Artistry	Yes		8	Fashion and Interior Design	162	Personal Services
4421	Food and Beverage Production and Preparation		Yes	10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
4430	Interior design, furnishings, and maintenance			8	Fashion and Interior Design	161	Interior Design, Furnishings, and Maintenance
4441	Hospitality, tourism, and recreation			10	Hospitality, Tourism, and Recreation	202	Hospitality, Tourism, and Recreation
4442	Hotel and Lodging Services			10	Hospitality, Tourism, and Recreation	202	Hospitality, Tourism, and Recreation
4443	Travel related services	Yes		10	Hospitality, Tourism, and Recreation	202	Hospitality, Tourism, and Recreation
4444	Theme parks, attractions, and events			10	Hospitality, Tourism, and Recreation	202	Hospitality, Tourism, and Recreation
4451	Family and human services			5	Education, Child Development, and Family S	133	Family and Human Services
4452	Elder care/intergenerational services			5	Education, Child Development, and Family S	133	Family and Human Services
4461	Consumer, personal and financial services			5	Education, Child Development, and Family S	131	Consumer Services
4471	Food science, dietetics and nutrition	Yes		10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition
4472	Food science and technology	Yes		10	Hospitality, Tourism, and Recreation	200	Food Science, Dietetics, and Nutrition
4600	Accounting	Yes		4	Business and Finance	180	Financial Services
4602	Business fundamentals		Yes	4	Business and Finance	182	Business Management
4604	Network Engineering		Yes	11	Information and Communication Technolog	172	Networking
4605	Essential Web Skills			11	Information and Communication Technolog	171	Media Support and Services
4606	Computer Graphics and Media Technology			11	Information and Communication Technolog	171	Media Support and Services
4607	3D Media Design 1		Yes	11	Information and Communication Technolog	174	Software and Systems Development
4611	Banking and Financial Services	Yes		4	Business and Finance	180	Financial Services
4612	Business Financial Management			4	Business and Finance	180	Financial Services
4615	Office Systems and Technologies		Yes	11	Information and Communication Technolog	170	Information Support and Services
4616	Computer Programming and Game Design		Yes	11	Information and Communication Technolog	175	Games and Simulations
4617	Game Design and Development		Yes	11	Information and Communication Technolog	175	Games and Simulations
4618	Telecommunications		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology
4619	Computer Programming for Solving Applied Problems		Yes	11	Information and Communication Technolog	174	Software and Systems Development
4622	Business Support and Services			4	Business and Finance	182	Business Management
4625	International Business			4	Business and Finance	181	International Business
4626	International Business Communications			4	Business and Finance	181	International Business
4627	International Economics			4	Business and Finance	181	International Business
4628	International Finance			4	Business and Finance	181	International Business
4629	Personal Finance			4	Business and Finance	180	Financial Services
4630	Business economics			4	Business and Finance	180	Financial Services
4631	Database Design and SQL Programming		Yes	11	Information and Communication Technolog	174	Software and Systems Development
4632	Digital Literacy			11	Information and Communication Technolog	170	Information Support and Services
4633	Computer Repair and Support		Yes	11	Information and Communication Technolog	170	Information Support and Services
4634	Exploring Computer Science		Yes	11	Information and Communication Technolog	174	Software and Systems Development

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
4635	Graphic Communications			11	Information and Communication Technologies	174	Software and Systems Development
4636	Multimedia and Animation			11	Information and Communication Technologies	174	Software and Systems Development
4637	Business management		Yes	4	Business and Finance	182	Business Management
4646	Network Security		Yes	11	Information and Communication Technologies	172	Networking
4647	Robotic Technologies		Yes	11	Information and Communication Technologies	174	Software and Systems Development
4648	Social and New Media Technologies			11	Information and Communication Technologies	174	Software and Systems Development
5501	Introduction to Building and Construction Trades		Yes	3	Building and Construction Trades	123	Residential and Commercial Construction
5502	Residential and Commercial Construction		Yes	3	Building and Construction Trades	123	Residential and Commercial Construction
5505	Brick, block, and stonemasonry		Yes	3	Building and Construction Trades	121	Engineering and Heavy Construction
5506	Exploring Building and Mechanical Systems		Yes	3	Building and Construction Trades	122	Mechanical Systems Installation and Repair
5507	Carpentry		Yes	3	Building and Construction Trades	121	Engineering and Heavy Construction
5509	Construction equipment operation		Yes	3	Building and Construction Trades	121	Engineering and Heavy Construction
5514	Furniture making		Yes	3	Building and Construction Trades	120	Cabinetmaking, Millwork, and Woodworking
5516	Heating, Ventilation, Air Conditioning (HVAC) systems		Yes	3	Building and Construction Trades	122	Mechanical Systems Installation and Repair
5520	Millwork and Cabinet Manufacturing		Yes	3	Building and Construction Trades	120	Cabinetmaking, Millwork, and Woodworking
5526	Introduction to Emerging Construction Technologies		Yes	3	Building and Construction Trades	121	Engineering and Heavy Construction
5527	Introduction to Stage Technology			2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5531	Introduction to Woodworking principles		Yes	3	Building and Construction Trades	120	Cabinetmaking, Millwork, and Woodworking
5532	Cabinetmaking		Yes	3	Building and Construction Trades	120	Cabinetmaking, Millwork, and Woodworking
5533	Engineering and heavy construction		Yes	3	Building and Construction Trades	121	Engineering and Heavy Construction
5534	Introduction to Mechanical Construction		Yes	3	Building and Construction Trades	122	Mechanical Systems Installation and Repair
5550	Alternative Technologies		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology
5551	Introduction to electronics technology		Yes	6	Energy, Environment, and Utilities	140	Electromechanical Installation and Maintenance
5552	Emerging Technologies in Energy, Environment and Utilities		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology
5557	Computer electronics		Yes	6	Energy, Environment, and Utilities	141	Environmental Resources
5561	Electronics technology		Yes	6	Energy, Environment, and Utilities	140	Electromechanical Installation and Maintenance
5569	Energy, Society, and the Environment		Yes	6	Energy, Environment, and Utilities	141	Environmental Resources
5571	Architectural and structural engineering		Yes	7	Engineering and Architecture	150	Architectural Design
5573	Principles of Engineering Design		Yes	7	Engineering and Architecture	152	Engineering Design
5574	Principles of Engineering Technology		Yes	7	Engineering and Architecture	153	Engineering Technology
5575	Engineering		Yes	7	Engineering and Architecture	154	Environmental Engineering
5577	Principles of Power and Energy		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology
5582	Environmental Law and Policy			6	Energy, Environment, and Utilities	141	Environmental Resources
5583	Introduction to Electrical Power Systems		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
5584	Introduction to Environmental Resources		Yes	6	Energy, Environment, and Utilities	141	Environmental Resources
5585	Power and Energy Technology		Yes	6	Energy, Environment, and Utilities	143	Energy and Power Technology
5587	Water, Land Use, and the Environment		Yes	6	Energy, Environment, and Utilities	141	Environmental Resources
5606	Jewelry design, fabrication, and repair		Yes	12	Manufacturing and Product Development	210	Graphic Production Technologies
5619	Welding technology		Yes	12	Manufacturing and Product Development	213	Welding and Materials Joining
5620	Specialized welding program		Yes	12	Manufacturing and Product Development	213	Welding and Materials Joining
5621	Introduction to Graphic Arts		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5622	Intermediate graphic technology	Yes		2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5623	Exploring manufacturing & design		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5625	Principles of manufacturing & Design Technology		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5627	Advanced/Specialized Graphic Production Technologies		Yes	12	Manufacturing and Product Development	210	Graphic Production Technologies
5628	Advanced/Specialized Machining and Forming Technologies		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5629	Advanced/Specialized Product Design and Innovation		Yes	12	Manufacturing and Product Development	216	Product Innovation and Design
5630	Advanced/Specialized Welding and Materials Joining		Yes	12	Manufacturing and Product Development	213	Welding and Materials Joining
5631	Drafting/Computer Aided Design		Yes	12	Manufacturing and Product Development	216	Product Innovation and Design
5632	Emerging Technologies in Manufacturing and Product Development		Yes	12	Manufacturing and Product Development	216	Product Innovation and Design
5633	Exploration of Manufacturing Occupations		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5634	Graphic Production Technologies		Yes	12	Manufacturing and Product Development	210	Graphic Production Technologies
5635	Machining and Forming Technologies		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5636	Manufacturing/Materials/Processing/Production		Yes	12	Manufacturing and Product Development	216	Product Innovation and Design
5637	ManufacturingùComprehensive		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5638	Product Development		Yes	12	Manufacturing and Product Development	216	Product Innovation and Design
5639	Welding Technologies and Fabrication		Yes	12	Manufacturing and Product Development	213	Welding and Materials Joining
5652	Intro to Automotive		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5653	Aircraft Mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5655	Automotive Mechanics, Comprehensive		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5656	Aviation and aerospace transportation services		Yes	15	Transportation	222	Aviation and Aerospace Transportation Services
5657	Diesel equipment mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5658	Heavy Equipment Mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5659	Marine Mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5660	Small Vehicle Mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5661	Small Engine Mechanics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5662	Truck and bus driving		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
5664	Structural Repair		Yes	15	Transportation	220	Structural Repair and Refinishing
5666	Painting and Refinishing		Yes	15	Transportation	220	Structural Repair and Refinishing
5667	Emerging Technologies in Transportation		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5668	Automotive Service		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5669	Advanced Automotive		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5673	Distribution and Logistics		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5677	Alternative Fuel Technologiess		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5681	Parts and Service		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5683	Rail Technologies		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5685	Upholstery		Yes	15	Transportation	220	Structural Repair and Refinishing
5687	Warehouse Operations			15	Transportation	223	Operations
5688	Automotive specialty, other combinations		Yes	15	Transportation	221	Systems Diagnostics, Services, and Repair
5691	Energy and environmental technology		Yes	6	Energy, Environment, and Utilities	141	Environmental Resources
5692	Public utilities			6	Energy, Environment, and Utilities	142	Telecommunications
5698	Other transportation			15	Transportation	221	Systems Diagnostics, Services, and Repair
5702	Intro to Animation			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5705	Computer-aided drafting/design		Yes	7	Engineering and Architecture	150	Architectural Design
5707	Technical drafting		Yes	7	Engineering and Architecture	150	Architectural Design
5711	Intermediate Animation			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5712	Internet publishing			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5713	Two-dimensional design			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5714	Three-dimensional design			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5715	Film making		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5716	Film/Cinema/Video Production		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5717	Advanced Cinema/ Film/Video Production		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5718	Intermediate Dance Performance			2	Arts, Media, and Entertainment	112	Performing Arts
5719	Advanced Dance/Choreography			2	Arts, Media, and Entertainment	112	Performing Arts
5720	Intro to Professional Dance			2	Arts, Media, and Entertainment	112	Performing Arts
5721	Intro to Professional Theatre			2	Arts, Media, and Entertainment	112	Performing Arts
5723	Intro to Professional Music		Yes	2	Arts, Media, and Entertainment	112	Performing Arts
5724	Advanced Professional Music			2	Arts, Media, and Entertainment	112	Performing Arts
5725	Radio production			2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5727	Intermediate Musical Performance			2	Arts, Media, and Entertainment	112	Performing Arts
5729	Introduction to Media Arts			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts

Instructional Program/Industry Sector/Pathway CTE Programs by CBEDS-Nontrad-Cluster-Sector

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
5730	Intro to Multimedia Production		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5731	Broadcast production		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5732	Intermediate Stage Technology		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5733	Stage Design and Production			2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5734	Arts management			2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5735	Intermediate Game Design		Yes	2	Arts, Media, and Entertainment	114	Game Design and Integration
5736	Advanced Game Design		Yes	2	Arts, Media, and Entertainment	114	Game Design and Integration
5737	Visual Art and Related Careers			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5742	Intermediate Theatre Performance			2	Arts, Media, and Entertainment	112	Performing Arts
5743	Advanced Theatre Performance			2	Arts, Media, and Entertainment	112	Performing Arts
5744	Stage production			2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5745	Television production		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5750	Environmental Engineering Level 2		Yes	7	Engineering and Architecture	154	Environmental Engineering
5751	Advanced Graphic Communications		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5752	Game Design		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5754	Commercial art		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5755	Commercial photography		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5756	Composition, make-up, and typesetting		Yes	12	Manufacturing and Product Development	210	Graphic Production Technologies
5759	Photography production and technology		Yes	2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5760	Photographic laboratory and darkroom			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5762	Silk screen making and printing		Yes	12	Manufacturing and Product Development	210	Graphic Production Technologies
5769	Other arts, media and entertainment			2	Arts, Media, and Entertainment	111	Design, Visual, and Media Arts
5770	Broadcasting technology		Yes	2	Arts, Media, and Entertainment	113	Production and Managerial Arts
5781	Engineering Design Level 2		Yes	7	Engineering and Architecture	152	Engineering Design
5782	Engineering Technology Level 2		Yes	7	Engineering and Architecture	152	Engineering Design
5783	Principles of Design		Yes	7	Engineering and Architecture	150	Architectural Design
5802	Marriage and family relations			14	Public Services	230	Human Services
5808	Firefighting Technology		Yes	14	Public Services	233	Emergency Response
5809	First Responders Basic			14	Public Services	233	Emergency Response
5810	Introduction to Emergency Services			14	Public Services	233	Emergency Response
5811	Barbering		Yes	8	Fashion and Interior Design	162	Personal Services
5812	Cosmetology	Yes		8	Fashion and Interior Design	162	Personal Services
5814	Manicuring	Yes		8	Fashion and Interior Design	162	Personal Services
5831	Fire control and safety		Yes	14	Public Services	232	Public Safety

**Instructional Program/Industry Sector/Pathway
CTE Programs by CBEDS-Nontrad-Cluster-Sector**

California Department of Education

Revised: 09/2014

This list represents a crosswalk of career technical education programs by Course Group State, the 15 Industry Sectors as identified by the California CTE Standards, and the Career Pathway Code and name. The list identifies those programs that are nontraditional for females (F) and males (M). The list is issued and updated by California Department of Education for the purposes of reporting career technical education data.

Classification of Instructional Programs		Nontraditional		Secto	Industry Sector	Pathway	Career
Code	CBEDS Title	Male	Female	Code	Title	Code	Pathway
5832	Introduction to Legal Careers			14	Public Services	231	Legal Practices
5833	Firefighting occupations		Yes	14	Public Services	232	Public Safety
5834	Social Justice and Advocacy			14	Public Services	231	Legal Practices
5840	Forensic science			14	Public Services	232	Public Safety
5842	Corrections occupations		Yes	14	Public Services	232	Public Safety
5843	Homeland security		Yes	14	Public Services	232	Public Safety
5845	Criminal law	Yes		14	Public Services	231	Legal Practices
5846	Introduction to Public Safety Careers		Yes	14	Public Services	232	Public Safety
5847	Law Enforcement Services		Yes	14	Public Services	232	Public Safety
5850	Civil law			14	Public Services	231	Legal Practices
5851	Constitutional law			14	Public Services	231	Legal Practices
5940	Exploring technology (general industrial arts)		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies
5950	Construction technology		Yes	3	Building and Construction Trades	120	Cabinetmaking, Millwork, and Woodworking
5955	Manufacturing technology (metal shop)		Yes	12	Manufacturing and Product Development	212	Machine and Forming Technologies