El Camino College Local Minimum Qualifications

Board Approved: May 19, 2014 Board Approved Revisions: November 16, 2015; June 18, 2018

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Disciplines Requiring a Master's Degree

Non-US/Foreign Degrees: Any degree not earned in the United States must be evaluated by a foreign evaluation service approved by El Camino Community College District.

Discipline	Minimum Qualifications
Accounting	Master's in accountancy or business administration with accounting concentration
	OR
	Bachelor's in business with accounting emphasis or business administration with accounting emphasis or economics with an accounting emphasis AND Master's in business, business administration, business education, taxation, or finance
	OR
	the equivalent.
	[Note: A bachelor's degree in accountancy or business administration with accounting concentration, with a CPA license is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1.]
Adapted Computer Technology: Disabled Students Programs and Services	Master's or equivalent foreign degree, in the category of disability, special education, education, psychology, educational psychology, or rehabilitation counseling; AND fifteen semester units of upper division or graduate study in adapted computer technology

	[Note: This is a paraphrased version of Title 5 §53414(d)(1) and (2). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Agriculture	Master's in agriculture, agriculture science, education with a specialization in agriculture or other agricultural area (including: agricultural business, agricultural engineering, agricultural mechanics, agronomy, animal science, enology, environmental (ornamental) horticulture, equine science, forestry, natural resources, plant science, pomology, soil science, viticulture, or other agriculture science)
	OR
	the equivalent.
Anthropology	Master's in anthropology or archeology
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Anthropology.]
Art	Master's in fine arts, art, or art history
	OR
	Bachelor's in any of the above AND Master's in humanities
	OR
	the equivalent.
Art History	Master's in art history, history of art and architecture, or visual culture/visual studies
	OR
	Bachelor's in art history AND Master's in history
	OR
	Master's in art with a recorded emphasis or concentration in art history
	OR
	the equivalent.
Astronomy	Master's in astronomy or astrophysics
	OR
	Bachelor's in either of the above AND Master's in physics, math, geophysics, engineering
	OR
	the equivalent.

Biological Sciences	Master's in any biological science
	OR
	Bachelor's in any biological science AND Master's in biochemistry, biophysics, or marine science
	OR
	the equivalent.
Business	Master's in business, business management, business administration, accountancy, finance, marketing, or business education
	OR
	Bachelor's in any of the above AND Master's in economics, personnel management, public administration, or Juris Doctor or Bachelor of Laws degree
	OR
	Bachelor's in economics with a business emphasis AND Master's in personnel management, public administration, or Juris Doctor or Bachelor of Laws degree
	OR
	the equivalent.
Business Education	Master's in business, business administration, or business education
	OR
	Bachelor's in any of the above AND Master's in vocational education
	OR
	the equivalent.
Chemistry	Master's in chemistry
	OR
	Bachelor's in chemistry or biochemistry AND Master's in biochemistry, chemical engineering, or chemical physics
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Chemistry.]
Chicano Studies	Master's in Chicano Studies or Ethnic Studies
	OR
	the equivalent

Child Development/ Early Childhood Education	Master's in child development, early childhood education, human development, family and consumer studies with a specialization in child development/early childhood education OR
	OR
· I	
	Bachelor's in any of the above AND Master's in educational psychology with a specialization in child development, social work, educational supervision, elementary education, special education, psychology, bilingual/bicultural education, , family life studies, or family and consumer studies
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Child Development/Early Childhood Education.]
Classics	Master's in classics
	OR
	Bachelor's in classics AND Master's in history (with a concentration in ancient Mediterranean areas), English literature, comparative literature, or classical archaeology
	OR
	the equivalent.
Communications Studies (Speech Communication)	Master's in speech, communication studies, speech communication, or organizational communication
Communication)	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Communication Studies.]
Community College	Master's degree in rehabilitation counseling,
Counselor of Students with	OR
Disabilities	a Master's degree in counseling, guidance counseling, student personnel, clinical or counseling psychology, education counseling, social work, career development, marriage and family therapy, marriage, family, and child counseling, or a Bachelor's degree in marriage and family therapy or in marriage, family, and child counseling and possession of a license as a Marriage and Family Therapist (MFT); and either fifteen or more semeter units in upper division or graduate level course work specifically related to people with disabilities, or completion of six semester units, or the equivalent of a graduate-level counseling practicum or counseling field work courses, in a post-secondary Disabled Students Programs and Services program or in a program dealing with people with disabilities, or two years of full-time experience, or the equivalent, in one or more of the

	(B) counseling in industry, government, public agencies, military or private social welfare organizations in which the responsibilities are for persons with disabilities, or the equivalent. [Note: This is a paraphrased version of Title 5 §53414(a). If there is any conflict between the paraphrased language and the Title 5 language, the
	Title 5 language shall prevail.]
Computer Information Systems	Master's in computer science, computer information systems or business administration with an emphasis in computer information systems and two years appropriate work experience
	OR
	Bachelor's in any of the above AND 5 years of appropriate work experience
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Computer Information Systems.]
Computer Science	Master's in computer science or computer engineeering
	OR
	Bachelor's in either of the above AND Master's in information science, computer information systems, information systems, mathematics, or engineering
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Computer Science.]
Counseling	Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, career development, marriage and family therapy, or marriage, family and child counseling
	OR
	the equivalent.
	[Note: A bachelor's degree in the discipline and a license as a Marriage and Family Therapist is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1]
Counseling: Extended Opportunity Programs and	Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, or career development, or the equivalent;
Services (EOPS)	AND EOPS counselors hired after October 24, 1987, shall:

	(1) Have completed a minimum of nine semesters units of college course work predominantly relating to ethnic minorities or persons handicapped by language, social, or economic disadvantages
	OR
	(2) Have completed six semester units or the equivalent of a college-level counseling practicum or counseling field-work courses in a community college EOPS program, or in a program dealing predominantly with ethnic minorities or persons handicapped by language, social, or economic disadvantages
	AND In addition, an EOPS counselor hired after October 24, 1987, shall have two years of occupational experience in work relating to ethnic minorities or persons handicapped by language, social, or economic disadvantages.
	[Note: This is a paraphrased version of Title 5 §56264. If there is any conflict between the paraphrased language and the title 5 language, the Title 5 language shall prevail.]
Dance	Master's in dance, physical education with a dance emphasis, or theater with dance emphasis
	OR
	Bachelor's in any of the above AND Master's in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts, or music
	OR
	the equivalent.
Deaf and Hearing Impaired: Disabled Students Programs and Services	Master's or equivalent foreign degree, in the category of disability, special education, education, psychology, educational psychology, or rehabilitation counseling; AND fifteen semester units of upper division or graduate study in deaf and hearing impaired.
	[Note: This is a paraphrased version of Title 5 §53414(d)(1) (2)(C). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Dietetics	See Nutritional Sciences/Dietetics.
Drama/Theater Arts	Master's or Master of Fine Arts in drama/theater arts/performance
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Drama/Theater Arts.]
Earth Science	Master's in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology

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	OR
	Bachelor's in geology AND Master's in geography, physics, or geochemistry
	OR
	the equivalent.
Ecology	Master's in ecology or environmental studies
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.
Economics	Master's in economics
	OR
	Bachelor's in economics AND Master's in finance
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Economics.]
	quantitation 101 Zeonomico.]
Education	Master's in education
Education	
Education	Master's in education
Education Engineering	Master's in education OR
	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or
	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology
	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR
Engineering	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR the equivalent. [Note: A bachelor's degree in any field of engineering and 12 graduate units in engineering with a professional engineer's license is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1. This exceeds the minimum qualification by requiring the 12
Engineering	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR the equivalent. [Note: A bachelor's degree in any field of engineering and 12 graduate units in engineering with a professional engineer's license is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1. This exceeds the minimum qualification by requiring the 12 graduate units.]
Engineering	Master's in education OR the equivalent. Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR the equivalent. [Note: A bachelor's degree in any field of engineering and 12 graduate units in engineering with a professional engineer's license is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1. This exceeds the minimum qualification by requiring the 12 graduate units.] Master's in any field of engineering technology or engineering

	Bachelor's degree in industrial technology, engineering technology or engineering AND a professional engineer's license OR
	the equivalent.
English	Master's in English, literature, comparative literature, or composition OR
	Bachelor's in any of the above AND Master's in linguistics, Teaching English as a Second Language, speech, education with a specialization in reading, creative writing, or journalism
	OR
	the equivalent.
English as a Second Language (ESL)	Master's in Teaching English as a Second Language (TESL), Teaching English to Speakers of Other Languages (TESOL), applied linguistics with a TESL emphasis, linguistics with a TESL emphasis, English with a TESL emphasis, or education with a TESL emphasis
	OR
	Bachelor's in TESL, TESOL, English with a TESL certificate, linguistics with a TESL certificate, applied linguistics with a TESL certificate, or any foreign language with a TESL certificate AND master's in linguistics, applied linguistics, English, composition, bilingual/bicultural studies, reading, speech, or any foreign language
	OR
	the equivalent.
Ethnic Studies	Master's in the ethnic studies field
	OR
	Master's in American Studies/Ethnicity, Latino Studies, La Raza Studies, Central American Studies, Latin American Studies, Cross Cultural Studies, Race and Ethnic Relations, Asian-American Studies, or African-American Studies
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.
Family and Consumer Studies/	Master's in family and consumer studies, life management/home economics, or home economics education
Home Economics	OR
	Bachelor's in any of the above AND Master's in child development, early childhood education, human development, gerontology, fashion, clothing

	and textiles, housing/interior design, foods/nutrition, or dietetics and food administration OR
	the equivalent.
Film Studies	Master's degree in film, drama/theater arts, or mass communication OR
	Bachelor's degree in any of the above AND Master's degree in media studies, English, or communication
	OR
	the equivalent.
Foreign Languages	Master's in the language being taught
	OR
	Bachelor's in the language being taught AND Master's in another foreign language
	OR
	the equivalent.
Geography	Master's in geography
	OR
	Bachelor's in geography AND Master's in geology, history, meteorology, or oceanography
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.
Gerontology	Master's in gerontology
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.
Health	Master's in health science, health education, biology, nursing, physical education, kinesiology, exercise science, dietetics, nutrition, or public health
	OR
	Bachelor's in any of the above

	AND
	Master's in any biological science
	OR
	the equivalent.
Health Services Director/ Heath	Master's in nursing and a California Public Health Nurse certificate; OR
Services Coordinator/College Nurse	Bachelor's in nursing, a California Public Health Nurse certificate, and a master's in health education, sociology, psychology, counseling, health care administration, public health, or community health.
	[Note: Other health services personnel shall not be subject to statewide minimum qualifications; however, all personnel shall possess appropriate valid, current licensure or certification to practice in California when required by law. Ancillary personnel shall work under appropriate supervision when required by their license laws.]
	[Note: This is a paraphrased version of Title 5 §53411. If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
History	Master's in history
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for History.]
Humanities	Master's in humanities
	OR
	the equivalent
Instructional Design/	Master's in instructional design/technology or educational technology
Technology	OR
	the equivalent.

Interdisciplinary Studies	Master's in the interdisciplinary area
Studies	OR
	Master's in one of the disciplines included in the interdisciplinary area and 12 units of upper division or graduate course work in at least one other constituent discipline.
	[NOTE: The Interdisciplinary Studies discipline is provided to allow for those cases where it is locally determined that a course must be taught by someone with qualifications that exceed the single discipline. The constitutent disciplines can include any disciplines found in the Master's List.[
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Interdisicplinary Studies.]
	Interdisiciplinary studies areas include, but are not limited to:
Interdisicplinary Studies: Academic Strategies	Master's degree in educational development, education, English, reading, mathematics, educational psychology or closely related field, with extensive coursework in reading, study skills or learning theory
	OR
	the equivalent.
Interdisicplinary Studies: Educational Development	Master's degree in the category of disability, special education, education, psychology, educational psychology, or rehabilitation counseling AND fifteen (15) semester units of upper division or graduate study in learning disabilities
	OR
	the equivalent.
Interdisciplinary Studies: Human	Master's degree in education, psychology, counseling psychology, educational psychology, or counseling
Development	OR
	the equivalent.
Journalism	Master's in journalism or communication with a specialization in journalism
	OR
	Bachelor's in either of the above AND Master's in English, history, communication, literature, composition, comparative literature, any social science, business, business administration, marketing, graphics, or photography
	OR
	the equivalent.

Kinesiology	Master's in kinesiology, physical education, exercise science, education with an emphsis in physical education, kinesiology, physiology of exercises or adpative physical education
	OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration or physical therapy
	OR
	the equivalent.
Law	Juris Doctor or Bachelor of Laws_degree plus admission to the California Bar and 2 years experience practicing law
	OR
	meet qualification in the discipline of the application
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Law.]
Learning Assistance Instructors	Any master's degree level discipline in which learning assistance or tutoring is provided at the college where the instructor is employed;
	OR
	Master's degree in education, educational psychology, or instructional psychology, or other master's degree with emphasis in adult learning theory.
	[Note: Minimum qualifications do not apply to tutoring or learning assistance for which no apportionment is claimed.]
	[Note: This is a paraphrased version of Title 5 §53415. If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall pervail.]
Learning Disabilities: Disabled Students Programs and Services	Master's, or equivalent foreign degree, in the category of disability, special education, education, psychology, educational psychology, or rehabilitation counseling; AND Fifteen semester units of upper division or graduate study in learning disabilities.
	[Note: This is a paraphrased version of Title 5 §53414(d)(1)(2). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall pervail.]
Learning Disabilities: Specialist	Master's degree in learning disabilities, special education, education, psychology, speech language pathology, communication disorders, educational or school psychology, counseling, or rehabilitation counseling AND 15 semester units of upper division or graduate study in the area of learning disabilities, to include, but not limited to, adult cognitive and achievement assessment or the equivalent.

	[Note: This is a paraphrased version of Title 5 §53414(f). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall pervail.]
Library Science	Master's in library science, or library and information science OR the equivalent.
Linguistics	Master's in linguistics or applied linguistics OR Bachelor's in linguistics AND Master's in Teaching English to Speakers of Other Languages (TESOL), anthropology, psychology, sociology, English, or any foreign language OR the equivalent.
Management	Master's in business administration, business management, business education, marketing, public administration, or finance OR Bachelor's in any of the above AND Master's in economics, accountancy, taxation, or law OR the equivalent.
Marketing	Master's in business administration, business management, business education, marketing, advertising, or finance OR Bachelor's in any of the above AND Master's in economics, accountancy, taxation, or law OR the equivalent.
Mass Communication	Master's in radio, television, film, mass communication, or journalism OR Bachelor's in any of the above AND Master's in drama/theater arts, communication, communication studies, business, telecommunications, or English OR the equivalent.

Mathematics	Master's in mathematics or applied mathematics
	OR
	Bachelor's in either of the above AND Master's in statistics, physics, or mathematics education
	OR
	the equivalent.
Music	Master's in music
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Music.]
Nursing	Master's in nursing
	OR Bachelor's in nursing AND Master's in health education or health science
	OR
	the equivalent.
	OR
	The minimum qualifications as set by the Board of Registered Nursing, whichever is higher.
Nutritional Science/	Master's in nutrition, dietetics, or dietetics and food administration
Dietetics	OR
	Bachelor's in any of the above AND Master's in chemistry, public health, or family and consumer studies/home economics
	OR
	the equivalent.
	[Note: A Bachelor's in nutrition, dietetics, or dietetics and food administration, and certification as a registered dietitian, is an alternative minimum qualification for this discipline, pursuant to Title 5 Section 53410.1.]
Peace Studies	Master's in peace studies, peace and conflict studies, peace and justice studies
	OR
	the equivalent.
Philosophy	Master's in philosophy
	OR
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[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Philosophy.] Photography		the equivalent.
OR Bachelor's in any of the above AND Master's in art history or humanities OR the equivalent. Master's, or equivalent foreign degree, in the category of the disability, special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. [Note: This is a paraphrased version of Title 5 §53414(d). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.] Physical Education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.]		[Note: This ECC minimum qualification exceeds the statewide minimum
Bachelor's in any of the above AND Master's in art history or humanities OR the equivalent. Master's, or equivalent foreign degree, in the category of the disability, special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. [Note: This is a paraphrased version of Title 5 §53414(d). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.] Physical Education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.]	Photography	Master's in photography, fine arts, or art
Physical Disabilities: Disabled Students Programs and Services Master's, or equivalent foreign degree, in the category of the disability, special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. [Note: This is a paraphrased version of Title 5 §53414(d). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.] Physical Education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, exercise science, education with an emphasis in physical education, recreation administration, or physical therapy OR the equivalent. Physical Education (Adapted): Disabled Students Program and Services Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		OR
the equivalent. Physical Disabilities: Disabled Students Programs and Services Master's, or equivalent foreign degree, in the category of the disability, special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. [Note: This is a paraphrased version of Title 5 \$53414(d). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.] Physical Education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent. Physical Education (Adapted): Disabled Students Program and Services Master's in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, exercise science, education or physical education exercise science, educa		Bachelor's in any of the above AND Master's in art history or humanities
Physical Disabilities: Disabled Students Programs and Services Master's, or equivalent foreign degree, in the category of the disability, special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. [Note: This is a paraphrased version of Title 5 §53414(d). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.] Physical Education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, exercise science, education with an emphasis in physical education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.]		OR
Special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or graduate study in physical disabilities. Note: This is a paraphrased version of Title 5 §53414(d). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.] Physical Education		the equivalent.
Conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.] Physical Education Master's in physical education, exercise science, education with an emphasis in physical education OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 languange, the Title 5 language shall prevail.]	Disabled Students Programs and	special education, education, psychology, educational psychology, or rehabilitation counseling: AND Fifteen semester units of upper division or
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physiology, health education, recreation administration, or physical therapy OR the equivalent. Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		OR
Physical Education (Adapted): Disabled Students Program and Services Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		physiology, health education, recreation administration, or physical
Physical Education (Adapted): Disabled Students Program and Services Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		OR
(Adapted): Disabled Students Program and Services emphasis in physical education, kinesiology, physiology of exercise, or adapted physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		the equivalent.
Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]	(Adapted): Disabled Students Program	emphasis in physical education, kinesiology, physiology of exercise, or
physiology, health education, recreation administration, or physical therapy OR the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]	and Services	OR
the equivalent; AND fifteen semester units of upper division or gradute study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		physiology, health education, recreation administration, or physical
study in adapted physical education. [Note: This is a paraphrased version of Title 5 §53414(b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		OR
conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]		· · · · · · · · · · · · · · · · · · ·
Physical Sciences See Interdisciplinary Studies		conflict between the paraphrased language and the Title 5 language, the
See increase primary studies.	Physical Sciences	See Interdisciplinary Studies.

Physics	Master's in physics
	OR
	Bachelor's in physics AND Master's in astronomy, astrophysics or engineering
	OR
	the equivalent.
Political Science	Master's in political science, government, or international relations
	OR
	Bachelor's in any of the above AND Master's in economics, history, public administration, sociology social science with an emphasis in political science, any ethnic studies, or Juris Doctor
	OR
	the equivalent.
Psychology	Master's in psychology
	OR
	the equivalent.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Psychology.]
Reading	Master's in education with a specialization in reading or teaching reading
	OR
	Bachelor's in any academic discipline AND twelve semester units of course work in teaching reading AND Master's in English, literature, linguistics, applied linguistics, composition, comparative literature, TESL Teaching English as a Second Language, or psychology
	OR
	the equivalent.
Recreation	Master's in recreation administration or physical education
Administration	OR
	Bachelor's in either of the above AND Master's in dance, gerontology, or public administration
	OR
	the equivalent.
Religious Studies	Master's in religious studies, theology, or philosophy
	OR
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	Bachelor's in any of the above AND Master's in humanities
	OR
	the equivalent.
Social Science	Master's in social science
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.
Sociology	Master's degree in sociology
	OR
	Bachelor's degree in sociology AND Master's degree in anthropology, any ethnic studies, social work, or psychology
	OR
	the equivalent.
Speech Communication	See Communication Studies.
Speech Language Pathology	Master's in speech pathology, speech language pathology, speech language and hearing sciences, communicative disorders and sciences, communication sciences and disorders, or education with a concentration in speech pathology;
	OR
	the equivalent.
Speech and Language Disabilities	Master's, or equivalent foreign degree, in speech pathology and audiology, or in communication disorders; AND Licensure or eligibility for licensure as a speech pathologist or audiologist by the Medical Board of California.
(Pathology): Disabled Students Programs and Services	[Note: This is a paraphrased version of Title 5 §53414(c). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Theater Arts	See Drama/Theater Arts.
Women's Studies	Master's in women's studies
	OR
	the equivalent
	OR
	See Interdisciplinary Studies.

Work Experience Instructors or Coordinators	The minimum qualifications in any discipline in which work experience may be provided at the college where the instructor or coordinator is employed.
	[Note: This is a paraphrased version of Title 5 §53416. If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]

Disciplines Requiring a Specific Bachelor's or Associate's Degree and Professional Experience

Discipline	Local Minimum Qualifications
Biotechnology	Bachelor's degree in the biological sciences, chemistry, biochemistry, or engineering AND two years of full-time related professional experience.
Citizenship: Noncredit Instruction	For a noncredit course in citizenship a bachelor's degree in any discipline, AND six semester units in American history and institutions. [Note: This is a paraphrased version of Title 5 §53412 (d). If there is any
	conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Computer Information Systems	Please see the Disciplines Requiring a Master's list.
English as a Second Language (ESL):	For a noncredit course in English as a Second Language (ESL) any of the following:
Noncredit Instruction	Bachelor's degree in Teaching English as a Second Language (TESL), or Teaching English to Speakers of Other Languages (TESOL)
	OR
	Bachelor's degree in education, English, linguistics, applied linguistics, any foreign language, composition, bilingual/bicultural studies, reading, or speech; and a certificate in TESL, which may be completed concurrently during the first year of employment as a noncredit instructor
	OR
	Bachelor's degree with any of the majors specified in subparagraph (2) above; and one year of experience teaching English as a second language in an accredited institution; and a certificate in TESL, which may be completed concurrently during the first two years of employment as a noncredit instructor;
	OR
	Possession of a full-time, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in ESL.
	[Note: This is a paraphrased version of Title 5 §53412 (e). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Health and Safety: Noncredit Instruction	For a noncredit course in health and safety, a bachelor's degree in health science, health education, biology, nursing, dietetics, or nutrition; OR

	Associate degree in any of those subjects AND four years of professional experience related to the subject of the course taught.
	[Note: This is a paraphrased version of Title 5 §53412 (f). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Home Economics: Noncredit Instruction	For a noncredit course in home economics a bachelor's degree in home economics, life management, family and consumer studies, dietetics, food management interior design, or clothing and textiles;
	OR
	Associate degree in any of those subjects AND four years of professional experience related to the subject of the course taught.
	[Note: This is a paraphrased version of Title 5 §53412 (g). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Interdisciplinary- Basic Skills: Noncredit	For an interdisciplinary, noncredit basic skills course a bachelor's in any social science, humanities, mathematics, or natural science discipline or in liberal studies, as appropriate for the course.
Instruction	[Note: This is a paraphrased version of Title 5 §53412 (a). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Mathematics- Basic Skills: Noncredit	For a noncredit basic skills course in mathematics a bachelor's degree in mathematics.
Instruction	[Note: This is a paraphrased version of Title 5 §53412 (b). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Older Adults: Noncredit	For a noncredit course intended for older adults, either pattern (1) or pattern (2) following:
Instruction	(1) A bachelor's degree with a major related to the subject of the course taught, and either: (A) Thirty hours or two semester units of course work or class work in understanding the needs of the older adult taken at an accredited institution of higher education or approved by the district. This requirement may be completed concurrently during the first year of employment as a noncredit instructor; or (B) One year of professional experience working with older adults;
	OR
	(2) An associate degree with a major related to the subject of the course taught; and two years of occupational experience related to the subject of the course taught; and sixty hours or four semester units of coursework or class work in understanding the needs of the older adult, taken at an accredited institution of higher education or approved by the district. This last requirement may be completed concurrently during the first year of employment as a noncredit instructor.

	[Note: This is a paraphrased version of Title 5 §53412 (h). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Ornamental Horticulture	Bachelor's in ornamental horticulture, plant science or botany AND 2 years experience in ornamental horticulture OR the equivalent. [Note: This ECC minimum qualification exceeds the statewide minimum qualification for Ornamental Horticulture.]
Parent Education: Noncredit Instruction	For a noncredit course in parent education, a bachelor's degree in child development, early childhood education, human development, family and consumer studies with a specialization in child development or early childhood education, educational psychology with a specialization in child development, elementary education, psychology, or family life studies; AND two years of professional experience in early childhood programs or parenting education. [Note: This is a paraphrased version of Title 5 §53412 (i). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Pharmacy Technology	Any bachelor's degree AND two years of professional experience OR Any associate degree AND six years of professional experience, OR Any associate degree AND an accredited Pharmacy Technician Certification (CPhT), and four years of professional experience.
Public Safety	Any bachelor's degree AND two years professional experience OR Any associate degree AND six years of professional experience.
Reading – Basic Skills: Noncredit Instruction	For a noncredit basic skills course in reading and/or writing either: Bachelor's degree in English, literature, comparative literature, composition, linguistics, speech, creative writing, or journalism; OR Bachelor's degree in any discipline AND twelve semester units of coursework in teaching reading. [Note: This is a paraphrased version of Title 5 §53412 (c). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Real Estate	Bachelor's in business or finance, California Bureau of Real Estate broker license in good standing or California Bureau of Real Estate Appraisers

	certified appraisal license in good standing AND two years of experience as a broker or appraiser
	OR
	Associate's in business, real estate, finance or real estate appraisal, CA BRE Broker license or CA BREA Certified Appraisal license in good standing and 6 years experience as a broker or appraiser.
	[Note: This ECC minimum qualification exceeds the statewide minimum qualification for Real Estate.]
Specialized Instruction (DSPS): Noncredit Instruction	The minimum qualifications for service as a faculty member to provide noncredit specialized instruction for students with disabilities shall be any one of the following: (1) The minimum qualifications for providing credit instruction for students with disabilities as specified in this section.
	OR
	(2) A bachelor's degree with any of the following majors: education of students with specific or multiple
	disabilities; special education; psychology; physical education with an emphasis in adaptive physical education; communicative disorders; rehabilitation; computer-based education; other computer-related majors which include course work on adapted or assistive computer technology for students with disabilities; other majors related to providing specialized instruction or services to persons with disabilities.
	OR
	(3) An associate degree with one of the majors specified in subparagraph (2) above; and four years of experience providing specialized instruction or services to persons in the disability category or categories being served.
	[Note: This is a paraphrased version of Title 5 §53414 (e)(3). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Specialized Instruction (DSPS) – Vocational: Noncredit	For noncredit vocational courses an associate degree or certificate of training; and four years of occupational experience related to the subject of the course taught; and two years of experience providing specialized instruction or services to persons in the disability category being served.
Instruction	[Note: This is a paraphrased version of Title 5 §53414 (e)(4). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Vocational (short- term): Noncredit Instruction	For a short term noncredit vocational course, any one of the following:
	Bachelor's degree; and two years of occupational experience related to the subject of the course taught;
	OR
	Associate degree; and six years of occupational experience related to the subject of the course taught;
	

	OR
	Possession of a full-time, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in the subject matter;
	OR
	For courses in an occupation for which the district offers or has offered apprenticeship instruction, the minimum qualifications for noncredit apprenticeship instructors in that occupation, as specified in Section 53413.
	[Note: This is a paraphrased version of Title 5 §53412 (j). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]
Writing- Basic Skills:	For a noncredit basic skills course in reading and/or writing either:
Noncredit Instruction	Bachelor's degree in English, literature, comparative literature, composition, linguistics, speech, creative writing, or journalism;
	OR
	Bachelor's degree in any discipline and twelve semester units of coursework in teaching reading.
	[Note: This is a paraphrased version of Title 5 §53412 (c). If there is any conflict between the paraphrased language and the Title 5 language, the Title 5 language shall prevail.]

Disciplines Requiring Any Bachelor's or Associate's Degree and Professional Experience

Category 1- Bachelor's degree and five years professional experience in the discipline and any certificate or license required to do that work OR any Associate's degree and six years professional experience and any certificate or license required to do that work. The professional experience required must be directly related to the faculty member's teaching assignment.

[Note: The minimum qualification for the disciplines in Category 1 exceed the statewide minimum qualification.]

Discipline:

Administration of Justice

Air Conditioning, Refrigeration, Heating

Architecture

Auto Body Technology

Automotive Technology

Cabinet Making

Carpentry

Construction Technology

Cosmetology

Drafting

Electricity

Electromechanical Technology

Electronics

Emergency Medical Technologies

Engineering Support

Environmental Technologies

Fire Technology

Industrial Technology

Machine Tool Technology

Manufacturing Technology

[Ornamental Horticulture: Please see the list of Disciplines Requiring a Specific Bachelor's or Associate's Degree and Professional Experience.]

[Real Estate: Please see the list of Disciplines Requiring a Specific Bachelor's or Associate's Degree and Professional Experience.]

Robotics

Telecommunication Technology

Welding

Category 23

Any bachelor's degree and two years experience in the discipline and any certificate or license required to do that work OR any Associate's degree and six years experience and any certificate or license required to do that work. The professional experience required must be directly related to the faculty member's teaching assignment.

Discipline:

Addiction Paraprofessional Training Cardiovascular Technology

Aeronautics Ceramic Technology

Agricultural Business and Related Coaching

Services

Agricultural Engineering Commercial Music

Agricultural Production Computer Service Technology

Animal Training and Management Construction Management

Appliance Repair Court Interpreting

Archaeological Technology Court Reporting

Athletic Training Culinary Arts/Food Technology

Aviation Dental Technology

Banking and Finance Diagnostic Medical Technology

Barbering Diesel Mechanics

Bicycle Repair Dietetic Technician
Bookbinding Electromicroscopy

Broadcasting Technology Electronic Technology

Building Codes and Regulations Electroplating
Building Maintenance

Business Machine Technology Equine Science

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Estimating

Fabric Care Mining and Metallurgy

Fashion and Related Technologies Mortuary Science Motorcycle Repair Flight Attendant Training

Fluid Mechanics Technology Multimedia

Folk Dance Music Management Forestry/Natural Resources Music Merchandising

Furniture Making Musical Instrument Repair

Graphic Arts Nursing Science/Clinical Practice Gunsmithing Occupational Therapy Assisting

Health Care Ancillaries Office Technologies

Health Information Technology Photographic Technology/Commercial

Photography Heavy Duty Equipment Mechanics

Physical Therapy Assisting Hotel and Motel Services Piano Tuning and Repair

Industrial Design Plastics Industrial Maintenance

Plumbing **Industrial Relations**

Printing Technology **Industrial Safety**

Private Security Insurance

Prosthetics and Orthotics Interior Design Psychiatric Technician Janitorial Services

Public Relations Jewelry

Radiation Therapy **Labor Relations**

Radiological Technology Legal Assisting

Registered Veterinary Technician Library Technology

Rehabilitation Technician **Licensed Vocational Nursing**

Respiratory Technician Locksmithing

Respiratory Technologies Marine Diving Technology Restaurant Management

Martial Arts/Self Defense

Retailing Masonry

Sanitation and Public Health Technology Materials Testing Technology

Search and Rescue Media Production

Sheet Metal Medical Instrument Repair

Ship and Boat Building and Repair Military Studies

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Shoe Rebuilding

Sign Language, American

Sign Language/English Interpreting

Small Business Development

Small Engine Mechanics

Stagecraft

Steamfitting

Surgical Technology

Transportation

Travel Services

Upholstering

Vision Care Technology

Watch and Clock Repair