

**El Camino College Local Minimum Qualifications
Master's List**

Board Approved December 15, 2008

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Discipline

Local Qualifications

Academic Strategy

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.

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 with a CPA license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)

Agriculture

Master's in agriculture, agriculture sciences or education with a specialization in agriculture OR Bachelor's in any of the above AND Master's in agriculture business, natural resources, animal science, plant science, soil science, forestry, pomology, agricultural engineering, environmental horticulture, agronomy, viticulture or enology OR the equivalent.

Anthropology

Master's in anthropology or archeology OR the equivalent.

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.

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 JD or LL.B. degree OR Bachelor's in economics with a business emphasis AND Master's in personnel management, public administration, or JD or LL.B. 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 AND Master's in biochemistry, chemical engineering, chemical physics 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 OR 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, life management/home economics, family life studies, or family and consumer studies OR the equivalent.
Communications Studies (Speech Communications)	Master's in speech, rhetoric, communication, communication studies, speech communication, or organizational communication OR Bachelor's in any of the above AND Master's in mass communication OR the equivalent.
Computer Science	Master's in computer science or computer engineering 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.
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.

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.
Dietetics	See Nutritional Sciences/Dietetics.
Drama/Theater Arts	Master's in drama/theater arts/performance OR the equivalent.
Earth Science	Master's in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology 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 business, business administration, business management, business education, or finance OR the equivalent.
Education	Master's in education OR the equivalent.
Engineering	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.
Engineering Technology	Master's in any field of engineering technology or engineering OR Bachelor's degree in either of the above AND Master's degree in physics, mathematics, computer science, biological science, or chemistry, OR 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, TESL, speech, education with a specialization in reading, creative writing, or journalism OR the equivalent.

ESL	Master's in TESL, 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 the equivalent OR See Interdisciplinary Studies.
Family and Consumer Studies/ Home Economics	Master's in family and consumer studies, life management/home economics, or home economics education 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, dietetics, or nutrition OR Bachelor's in any of the above AND Master's in public health, or any biological science OR the equivalent.

Health Services Director/ Heath Services Coordinator/College Nurse	Minimum Qualifications for these faculty members specified in Title 5 Section 53411.
History	Master's in history OR the equivalent.
Humanities	Master's in humanities OR the equivalent OR See Interdisciplinary Studies.
Instructional Design/ Technology	Master's in instructional design/technology OR the equivalent.
Interdisciplinary Studies	Master's in the interdisciplinary area OR Master's in one of the disciplines included in the interdisciplinary area, provided that the local faculty determine that the instructor's coursework was broad enough to provide an ample basis for offering such a course.
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.
Law	JD or LLB plus admission to the California Bar and 2 years experience practicing law OR meet qualification in the discipline of the application OR the equivalent.
Learning Assistance Instructors	Minimum Qualifications for these faculty members are specified in Title 5 Section 53415.
Library Science	Master's in library science, library and information science, OR the equivalent.
Linguistics	Master's in linguistics or applied linguistics OR Bachelor's in linguistics AND Master's in 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 communication, journalism OR Bachelor's in any of the above AND Master's in drama/theater arts, communication, communication studies, business, telecommunications, or English 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.
Nursing	Master's in nursing OR Bachelor's in nursing AND Master's in health education or health science OR the equivalent. The minimum qualifications as set by the Board of Registered Nursing, whichever is higher.
Nutritional Science/ Dietetics	Master's in nutrition, dietetics, or dietetics and food administration 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 qualification for this discipline, pursuant to Title 5 Section 53410.1.)
Philosophy	Master's in philosophy OR the equivalent.
Photography	Master's in photography, fine arts, or art OR Bachelor's in any of the above AND Master's in art history or humanities OR the equivalent.
Physical Education	Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adaptive 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 Science	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, public administration or international relations OR Bachelor's in any of the above AND Master's in economics, history, sociology or social science with an emphasis in political science, JD OR the equivalent.
Psychology	Master's in psychology OR the equivalent.
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, or psychology OR the equivalent.
Recreation Administration	Master's in recreation administration or physical education 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 Bachelor's in any of the above AND Master's in humanities OR the equivalent.
Social Science	Master's in social science 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.
Special Education	Minimum Qualifications for these faculty members are specified in Title 5 Section 53414.
Speech Communication	See Communication Studies.
Theater Arts	See Drama/Theater Arts.
Women's Studies	Master's in women's studies OR the equivalent OR See Interdisciplinary Studies.

Non-Master's Disciplines List

Category 1 – Bachelor's Degrees Readily Available:

Discipline	Local Minimum Qualifications
Computer Information Systems	Master's in computer science, computer information systems or business administration with an emphasis in computer information systems OR Bachelor's in any of the above and 5 years of appropriate work experience OR the equivalent.
Ornamental Horticulture	Bachelor's in ornamental horticulture, plant science or botany AND 2 years experience in ornamental horticulture OR the equivalent.
Real Estate	Bachelor's in business or finance, CA DRE Broker license or CA OREA Certified Appraisal license AND 2 years experience as a broker or appraiser OR Associate's in business, real estate, finance or real estate appraisal, CA DRE Broker license or CA OREA Certified Appraisal license and 6 years experience as a broker or appraiser.

Category 2 - Bachelor's degree and five 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.

Discipline:

Administration of Justice	Electronics
Air Conditioning, Refrigeration, Heating	Emergency Medical Technologies
Architecture	Engineering Support
Auto Body Technology	Environmental Technologies
Automotive Technology	Fire Technology
Cabinet Making	Industrial Technology
Carpentry	Machine Tool Technology
Construction Technology	Manufacturing Technology
Cosmetology	Robotics
Drafting	Telecommunication Technology
Electricity	Welding
Electromechanical Technology	

Category 3 - 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.

Discipline:

Addiction Paraprofessional Training	Diagnostic Medical Technology
Agricultural Business and Related Services	Diesel Mechanics
Aeronautics	Dietetic Technician
Agricultural Engineering	Electromicroscopy
Agricultural Production	Electronic Technology
Animal Training and Management	Electroplating
Appliance Repair	Equine Science
Archaeological Technology	Estimating
Athletic Training	Fabric Care
Aviation	Fashion and Related Technologies
Banking and Finance	Flight Attendant Training
Barbering	Fluid Mechanics Technology
Bicycle Repair	Folk Dance
Broadcasting Technology	Forestry/Natural Resources
Building Codes and Regulations	Furniture Making
Building Maintenance	Graphic Arts
Business Machine Technology	Gunsmithing
Cardiovascular Technology	Health Care Ancillaries
Ceramic Technology	Health Information Technology
Coaching	Heavy Duty Equipment Mechanics
Commercial Art	Hotel and Motel Services
Commercial Music	Industrial Design
Computer Service Technology	Industrial Maintenance
Construction Management	Industrial Relations
Court Interpreting	Industrial Safety
Court Reporting	Insurance
Culinary Arts/Food Technology	Interior Design
Dental Technology	

Janitorial Services
Jewelry
Labor Relations
Legal Assisting
Library Technology
Licensed Vocational Nursing
Locksmithing
Marine Diving Technology
Martial Arts/Self Defense
Masonry
Materials Testing Technology
Media Production
Medical Instrument Repair
Mining and Metallurgy
Mortuary Science
Motorcycle Repair
Multimedia
Music Management
Music Merchandising
Musical Instrument Repair
Nursing Science/Clinical Practice
Occupational Therapy Assisting
Office Technologies
Ornamental Horticulture
Pharmacy Technology
Photographic Technology/Commercial Photography
Physical Therapy Assisting
Piano Tuning and Repair
Plastics
Plumbing
Printing Technology
Private Security
Prosthetics and Orthotics
Psychiatric Technician
Public Relations
Radiation Therapy
Radiological Technology
Real Estate
Registered Veterinary Technician
Rehabilitation Technician
Respiratory Technician
Respiratory Technologies
Restaurant Management
Retailing
Sanitation and Public Health Technology
Search and Rescue
Sheet Metal
Ship and Boat Building and Repair
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