



Minimum Qualifications for Faculty and Administrators in California Community Colleges

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*"Empowering Community Colleges through
Leadership, Advocacy, and Support"*

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INTRODUCTION

Overview of Minimum Qualifications and the Disciplines Lists

This eighth edition of *Minimum Qualifications for Faculty and Administrators in California Community Colleges* is an update of the disciplines lists including those adopted by the Board of Governors of the California Community Colleges at their regularly scheduled meeting on November 2, 2009. It incorporates changes that resulted from recommendations from the Academic Senate for California Community Colleges and its delegates, and a comprehensive review of regulations regarding the minimum qualifications and disciplines lists. This change amends the previous edition. It is intended to be effective immediately and should be employed as appropriate in each community college district. A summary of the changes to the *Master's List* and the new category of disciplines requiring a *Specific Bachelor's or Associate Degree List* are noted below:

ACTION	DISCIPLINE	DESCRIPTION
MODIFICATION (Master's Degree List)	Agriculture	Eliminated the option of combining a Bachelor's degree in an agricultural science and a Master's degree in another related agricultural field.
MODIFICATION (Master's Degree List)	Humanities	Eliminated interdisciplinary studies from the description of the discipline.
MODIFICATION (Master's Degree List)	Instructional Design / Technology	Added a Master's degree in educational technology.
MODIFICATION (Master's Degree List)	Political Science	Eliminated the option of a Master's degree in public administration and added the Master's in public administration may be used in conjunction with a Bachelor's degree in another defined area of political science.
NEW (Master's Degree List)	Speech Language Pathology	Master's in speech pathology, speech language pathology, speech language and hearing sciences, communicative disorders, communicative disorders and sciences, communication sciences and disorders, or education with a concentration in speech pathology, OR the equivalent.
NEW (Specific Bachelor's or Associate Degree List)	Biotechnology	Bachelor's degree in the biological sciences, chemistry, biochemistry, or engineering, and two years of full-time related work experience.

INTRODUCTION

History of Minimum Qualifications and the Disciplines Lists

The complete disciplines lists with revisions to that adopted by the Board of Governors of the California Community Colleges were designed to replace the system of credentials that was in force until June 30, 1990. The relevant sections of the *Education Code* were adopted by the Legislature in September 1988, as part of AB 1725, the community college reform bill.

Significant amendments were made by AB 2155 and SB 1590 of 1989, SB 2298 of 1990, and SB 343 of 1993. Faculty internship programs were authorized by SB 9 of 1991. The disciplines lists used to implement the minimum qualifications for credit instructors, counselors, and librarians are incorporated by reference into the Board's regulations.

These lists were prepared and reviewed primarily by the Academic Senate for California Community Colleges. They were first adopted in July 1989, underwent minor revisions in November 1990, May 1991, September 1993, September 1996, April 1999, November 2002, September 2005, November 2007, and November 2009.

Process to Initiate Changes to the Disciplines Lists

Users of this booklet are encouraged to forward recommendations for additions, changes, and/or suggestions through their local academic senates to the Academic Senate for California Community Colleges or to the Academic Affairs Division of the Chancellor's Office. The Academic Senate and Academic Affairs Division in the Chancellor's Office continually monitor issues and questions relating to minimum qualifications.

The Academic Senate regularly considers changes to these lists, and recommendations from the Senate to the Board of Governors are developed through active collaboration between the local senates, professional organizations within the state, and the Chancellor's Office. The resulting minimum qualifications serve as a statewide benchmark for promoting professionalism and rigor within the academic disciplines in the community colleges and a guideline for day-to-day decisions regarding suitability for employment in the system.

Districts may establish local qualifications beyond the minimum standards defined in the Disciplines Lists, and they have flexibility in how they organize courses within disciplines, how to apply equivalency, and how to develop criteria and employ processes to select administrators and instructors. Development of local processes for applying the minimum qualifications requires mutual agreement between the board of trustees and the academic senate.

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Guidelines for the Using Discipline Lists

These disciplines lists must be used in conjunction with the Board of Governors minimum qualifications regulations (title 5, sections 53400-53430). Applicable rules specified in title 5 include the following:

- Degrees and credits generally must be from accredited institutions (section 53406).
- An occupational license or certificate is required in certain instances (section 53417).
- A district may hire a person who possesses qualifications different from, but equivalent to, those listed on the disciplines list, according to criteria and procedures agreed upon by the governing board and the academic senate (section 53430).

Title 5 regulations also specify minimum qualifications for additional faculty members, including health services professionals, non-credit instructors, apprenticeship instructors, DSP&S personnel, EOPS personnel, learning assistance and tutoring coordinators, and work experience coordinators.

Further, these lists only reflect the statewide minimums for persons to be considered qualified to teach in a discipline. Each district may establish additional qualifications which are more rigorous than those listed herein.

Types of Discipline Lists Included in the Handbook

Since its inception, the Disciplines List had been divided into two parts to differentiate those disciplines for which a Master's degree is required as a precondition for employment, from those for which it is not. Generally, disciplines have been included on the Master's List if universities typically offer sufficient upper-division and graduate instruction in applicable subjects to permit their awarding advanced degrees in that discipline. On the other hand, disciplines for which there is no or limited graduate training, as found in some career and technical education fields, have been included on the non-Master's List. In those cases where a Master's degree is not generally expected or available, the minimum standard has been a Bachelor's degree in any subject, plus two years of work experience directly related to the teaching assignment or an Associate degree in any subject, plus six years of work experience directly related to the teaching assignment.

In May 2009, the California Community Colleges Board of Governors approved changes to title 5, sections 53407 and 53410 to allow the creation of a third option within the minimum qualifications to be defined requiring a Bachelor's or Associate degree in a specific discipline, plus requisite years of professional experience. There are four types of discipline lists contained in this handbook.

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List Type	Description	Starts on Page
Alphabetical listing of the disciplines	This is a list of all the disciplines from A to Z. This combined list contains all of the disciplines on one list: Disciplines requiring a Master's degree; Disciplines in Which a Master's Degree is Not Generally Expected or Available but Which Requires a Specific Bachelor's or Associate Degree and Commensurate Professional Experience; and Disciplines in Which a Master's Degree is not Generally Expected or Available, but which requires any Bachelor's or Associate Degree and commensurate professional experience.	4
Disciplines requiring a Master's degree	<p>This is an alphabetical list of all of the disciplines that require a Master's degree or its equivalent. This category contains mostly academic and transfer disciplines. Whenever this list mentions a Master's degree, any degree in the discipline beyond the Master's would also satisfy that qualification.</p> <p>Under each of the disciplines in this list, the phrase 'OR the equivalent' refers to the possibility of hiring faculty who do not possess the exact degrees listed, under a local process developed and agreed upon by representatives of the governing board and the academic senate, as provided for in Education Code Section 87359 and title 5, section 53430.</p>	40
Disciplines in which a Master's degree is not generally expected or available but which requires a specific Bachelor's or Associate degree and commensurate professional experience	The Academic Senate for California Community Colleges has recognized the growing gap between the structure for determining minimum qualifications and the evolving nature of teaching disciplines. As such, this is a new category created in May 2009. Disciplines on this list require a Bachelor's or Associate degree in a specific area, plus a specified number of years of experience. The first and only discipline on this list was approved by the Board of Governors of the California Community Colleges in November 2009. The first discipline is Biotechnology, which requires a Bachelor's degree in biological sciences or chemistry or biochemistry or engineering, and two years of full-time related work experience.	49

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List Type	Description	Starts on Page
Disciplines in Which a Master's Degree is not Generally Expected or Available	<p>This is an alphabetical list of all of the disciplines in which a Master's degree is not generally expected or available. This category contains mostly career technical educational disciplines. The minimum qualifications for disciplines on this list are any Bachelor's degree and two years of experience, or any Associate degree and six years of experience, unless otherwise noted.</p> <p>The list of "areas also included in the discipline" is not exhaustive. Only those areas are included for which it might not be clear otherwise whether they were intended to be included in the discipline.</p>	50

ALPHABETICAL LISTING OF ALL DISCIPLINES

This is a comprehensive list of all of the disciplines included in the handbook. The list contains four columns for: the discipline, the minimum qualifications for the discipline, if it requires a Master's degree and is therefore on the list for disciplines requiring a Master's degree, and if there is a specific statutory or regulation that applies to the discipline..

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
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.	Yes	(NOTE: A Bachelor's degree with a CPA license is an alternative qualification for this discipline, pursuant to title 5, section 53410.1.)
Addiction Paraprofessional Training	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Administration of Justice (Police science, corrections, law enforcement)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Aeronautics (Airframe and powerplant, aircraft mechanics, aeronautical engineering technician, avionics)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
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.	Yes	
Agricultural Business and Related Services (Inspection, pest control, food processing/meat cutting)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Agricultural Engineering (Equipment and machinery, farm mechanics)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Agricultural Production (Animal science, plant science, beekeeping, aquaculture)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Air Conditioning, Refrigeration, Heating (Solar energy technician)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Animal Training and Management (Exotic animal training)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Anthropology	Master's in anthropology or archaeology OR Bachelor's in either of the above AND Master's in sociology, biological sciences, forensic sciences, genetics or paleontology OR the equivalent.	Yes	
Appliance Repair (Vending machines)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Archaeological Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Architecture	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Art	<p>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.</p> <p><i>Note: “Master’s in fine arts” as used here refers to any Master’s degree in the subject matter of fine arts, which is defined to include visual studio arts such as drawing, painting, sculpture, printmaking, ceramics, textiles, and metal and jewelry art; and also art education and art therapy. It does not refer to the “Master of Fine Arts” (MFA) degree when that degree is based on specialization in performing arts or dance, film, video, photography, creative writing, or other non-plastic arts.</i></p>	Yes	
Astronomy	See Physics/Astronomy	Yes	
Athletic Training	<p>The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of experience, or any associate degree and six years of experience.</p> <p><i>Note: This discipline listing applies only to instructors teaching apportionment generating courses in the subject of athletic training. Non-apportionment-generating athletic training activity is not subject to minimum qualifications.</i></p>		
Auto Body Technology (Antique and classic auto restoration)	<p>The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of experience, or any associate degree and six years of experience.</p>		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Automotive Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Aviation (Flight, navigation, ground school, air traffic control)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Banking and Finance	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Barbering	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Bicycle Repair	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	
Biotechnology	Bachelor's degree in biological sciences, chemistry, biochemistry, or engineering, and two years of full-time related work experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Bookbinding	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Broadcasting Technology (Film making/video, media production, radio/TV)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Building Codes and Regulations (Inspecting of construction, building codes, contractor training)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Building Maintenance	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
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.	Yes	
Business Machine Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Cabinet Making	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Cardiovascular Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Carpentry	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Ceramic Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Chemistry	Master's in chemistry OR Bachelor's in chemistry or biochemistry AND Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry OR the equivalent.	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Child Development/ Early Childhood Education	Master’s in child development, early childhood education, human development, home economics/family and consumer studies with a specialization in child development/early childhood education, or educational psychology with a specialization in child development/early childhood education OR Bachelor’s in any of the above AND Master’s in 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.	Yes	
Coaching	The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of experience, or any associate degree and six years of experience.		
Commercial Art (Sign making, lettering, packaging, rendering)	The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of experience, or any associate degree and six years of experience.		
Communication Studies (Speech Communications)	Master’s in speech, speech broadcasting, telecommunications, rhetoric, communication, communication studies, speech communication, or organizational communication OR Bachelor’s in any of the above AND Master’s in drama/ theater arts, mass communication, or English OR the equivalent.	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
<p>Computer Information Systems</p> <p>(Computer network installation, microcomputer technology, computer applications)</p>	<p>The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.</p>		
<p>Computer Science</p>	<p>Master's in computer science or computer engineering OR Bachelor's in either of the above AND Master's in mathematics, cybernetics, business administration, accounting or engineering OR Bachelor's in engineering AND Master's in cybernetics, engineering mathematics, or business administration OR Bachelor's in mathematics AND Master's in cybernetics, engineering mathematics, or business administration OR Bachelor's degree in any of the above AND a Master's degree in information science, computer information systems, or information systems OR the equivalent.</p> <p><i>Note: Courses in the use of computer programs for application to a particular discipline may be classified, for the minimum qualification purposes, under the discipline of the application.</i></p>	<p>Yes</p>	
<p>Computer Service Technology</p>	<p>The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.</p>		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Construction Management	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Construction Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Cosmetology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Counseling	<p>Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, or career development, marriage and family therapy, or marriage, family and child counseling, OR the equivalent.</p> <p><i>(NOTE: A license as a Marriage and Family Therapist (MFT) is an alternative qualification for this discipline, pursuant to title 5, section 53410.1.)</i></p>	Yes	title 5, section 53410.1
Court Interpreting	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Court Reporting	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

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Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Culinary Arts/Food Technology (Food service, meat cutting, baking, waiter/waitressing, bartending)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	
Dental Technology (Dental assisting, dental hygiene)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Diagnostic Medical Technology (Diagnostic medical sonography, neurodiagnostic technology, polysonographic technology)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Diesel Mechanics	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Dietetics See Nutritional Science/Dietetics			

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Dietetic Technician	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Drafting CADD (Computer Aided Drafting/Design), CAD (Computer Aided Design), CAD (Computer Aided Drafting)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Drama/Theater Arts	Master's in drama/theater arts/performance OR Bachelor's in drama/theater/performance AND Master's in comparative literature, English, speech, literature, or humanities OR the equivalent.	Yes	
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.	Yes	
Ecology	Master's in ecology or environmental studies OR the equivalent OR see interdisciplinary studies.	Yes	
Economics	Master's in economics OR Bachelor's in economics AND Master's in business, business administration, business management, business education, finance, or political science OR the equivalent.	Yes	
Education	Master's in education OR the equivalent.	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Electricity (Electrical power distribution)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Electromechanical Technology (Industrial mechanical technology)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Electromicroscopy	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Electronic Technology (Radio, television, computer repair, avionics)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Electronics	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Electroplating	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Emergency Medical Technologies	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Engineering	<p>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.</p> <p><i>(NOTE: A Bachelor's in any field of engineering with a professional engineer's license is an alternative qualification for this discipline, pursuant to title 5, section 53410.1.)</i></p>	Yes	title 5, section 53410.1
Engineering Support (Surveying, engineering aides)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	
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.	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
<p>Environmental Technologies (Environmental hazardous material technology, hazardous material abatement, environmentally conscious manufacturing, waste water pretreatment, air pollution control technology, integrated waste management, water treatment, sewage treatment)</p>	<p>The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.</p>		
<p>Equine Science (Equine training, equitation, farrier science, pack horse management)</p>	<p>The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.</p>		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
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.	Yes	
Estimating	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Ethnic Studies	Master's in the ethnic studies field OR the equivalent OR see interdisciplinary studies.	Yes	
Fabric Care (Laundry and dry cleaning)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Fashion and Related Technologies (Merchandising, design, production)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Family and Consumer and 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.	Yes	
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.	Yes	
Fire Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Flight Attendant Training	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Fluid Mechanics Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Folk Dance	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Foreign Languages	Master's in the language being taught OR Bachelor's in the language being taught AND Master's in another language or linguistics OR the equivalent.	Yes	
Forestry/Natural Resources (Range management; soil, air and water resources; fish/wildlife management; parks and recreation)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Furniture Making	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	
Gerontology	Master's in gerontology OR the equivalent OR see interdisciplinary studies.	Yes	
Graphic Arts (Desktop publishing)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Gunsmithing	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
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.	Yes	
Health Care Ancillaries (Medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Health Information Technology (Medical record technology)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Heavy Duty Equipment Mechanics	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Health Services Director/ Health Services Coordinator/ College Nurse	Minimum Qualifications for these faculty members specified in title 5, section 53411.	Yes	title 5, section 53411

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
History	Master's in history OR Bachelor's in history AND Master's in political science, humanities, geography, area studies, women's studies, social science, or ethnic studies OR the equivalent.	Yes	
Hotel and Motel Services	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Humanities	Master's in humanities OR the equivalent.	Yes	
Industrial Design	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Industrial Maintenance	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Industrial Relations	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Industrial Safety	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Industrial Technology (Foundry occupations)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Instructional Design/ Technology	Master's in instructional design/ technology or educational technology OR the equivalent.	Yes	
Insurance	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Interior Design	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Interdisciplinary Studies	<p>Master's in the interdisciplinary area OR Master's in one of the disciplines included in the interdisciplinary area and upper division or graduate course work in at least one other constituent discipline.</p> <p><i>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 a single discipline. The constituent disciplines can include any disciplines found in the Master's list.</i></p>	Yes	

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Janitorial Services	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Jewelry	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
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.	Yes	
Labor Relations	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Law	JD or LL.B <i>NOTE: Courses in aspects of law for application to a particular discipline may be classified, for minimum qualifications purposes in the discipline of the application.</i>	Yes	
Learning Assistance Instructors	Minimum Qualifications for these faculty members are specified in title 5, section 53415.	Yes	title 5, section 53415.

ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Masters Degree Required	Statutory Law or Regulation apply
Legal Assisting (Paralegal)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Library Technology	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Library Science	Master's in library science, or library and information science, OR the equivalent.	Yes	
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.	Yes	
Licensed Vocational Nursing	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Locksmithing	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		
Machine Tool Technology (Tool and die making)	The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.		

