



# Minimum Qualifications for Faculty and Administrators in California Community Colleges

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## INTRODUCTION

### Overview of Minimum Qualifications and the Disciplines Lists

This ninth edition of *Minimum Qualifications for Faculty and Administrators in California Community Colleges* is an update of the disciplines lists including those adopted by the California Community Colleges Board of Governors at its regularly scheduled meeting on Nov. 7, 2011. 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 degree List* and the new category of disciplines requiring a *Specific Bachelor's degree or Associate Degree List* are noted below:

ACTION	DISCIPLINE	DESCRIPTION
<b>MODIFICATION</b> (Master's degree List)	Accounting	Added a Master's degree in economics to the alternative option.
<b>MODIFICATION</b> (Master's degree List)	Ethnic studies	Added a Master's degree 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.
<b>MODIFICATION</b> (Master's degree List)	Health	Added a master's degree in kinesiology or exercise science.
<b>MODIFICATION</b> (Master's degree List)	Theatre arts	Added the allowance of the Master of Fine Arts (MFA) or Bachelor of Fine Arts (BFA) in Drama/Theater Arts/Performance, and added communication studies to the alternative option.
<b>NEW</b> (Master's degree List)	Art history	Master's degree in art history, history of art and architecture, or visual culture/visual studies <b>OR</b> bachelor's degree in art history and master's degree in history <b>OR</b> master's degree in art with a recorded emphasis or concentration in art history <b>OR</b> the equivalent.

<p><b>NEW</b> (Master's degree List)</p>	<p>Classics</p>	<p>Master's degree in classics <b>OR</b> a bachelor's degree in classics <b>AND</b> a master's degree in history (with a concentration in ancient Mediterranean areas), English literature, comparative literature, classical archaeology <b>OR</b> the equivalent.</p>
<p><b>NEW</b> (Any Bachelor's degree or Associate Degree List)</p>	<p>Military studies</p>	<p>military science  <i>(Note: the professional experience required for this discipline must be in the military paygrade of E-7 or above).</i></p>

## INTRODUCTION

### History of Minimum Qualifications and the Disciplines Lists

The complete disciplines lists with revisions to those adopted by the California Community Colleges Board of Governors were designed to replace the system of credentials that was in effect 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, November 2009, and November 2011.

### 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 academic 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.

## 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, Disabled Student Programs and Services personnel, Extended Opportunity Programs and Services 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 degree 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 degree 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 professional experience directly related to the teaching assignment or an associate degree in any subject, plus six years of professional 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 degree or associate degree in a specific discipline, plus requisite years of professional experience. There are four types of discipline lists contained in this handbook.

## INTRODUCTION

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 degree 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 degree or associate degree and commensurate professional experience.	7
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 degree 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>	41
Disciplines in which a master’s degree is not generally expected or available but which requires a specific bachelor’s degree or associate degree	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 degree or associate degree in a specific area. The professional experience required (two years/bachelor’s degree or six years/associate) must be directly related to the faculty member's teaching assignment.	49

List Type	Description	Starts on Page
<p>Disciplines in which a master's degree is not generally expected or available</p>	<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 or associate degree. Unless otherwise noted the professional experience required (two years/bachelor's degree or six years/associate) must be directly related to the faculty member's teaching assignment.</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>	<p>50</p>



## 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	Master's degree Required	Statutory Law or Regulation apply
<b>Accounting</b>	Master's degree in accountancy or business administration with accounting concentration <b>OR</b> bachelor's degree in business with accounting emphasis or business administration with accounting emphasis or economics with an accounting emphasis <b>AND</b> master's degree in business, business administration, business education, economics, taxation, or finance <b>OR</b> the equivalent.  (NOTE: A bachelor's degree in accountancy or business administration with accounting concentration, with a CPA license is an alternative qualification for this discipline)	Yes	Title 5, section 53410.1.
<b>Addiction paraprofessional training</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Administration of justice</b>  (police science, corrections, law enforcement)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Aeronautics</b>  (airframe and powerplant, aircraft mechanics, aeronautical engineering technician, avionics)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Agriculture</b>	Master's degree 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) <b>OR</b> the equivalent.	Yes	
<b>Agricultural business and related services</b>  (inspection, pest control, food processing/meat cutting)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Agricultural engineering</b>  (equipment and machinery, farm mechanics)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Agricultural production</b>  (animal science, plant science, beekeeping, aquaculture)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Air conditioning, refrigeration, heating</b>  (solar energy technician)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Animal training and management</b>  (Exotic animal training)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Anthropology</b>	Master's degree in anthropology or archaeology <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in sociology, biological sciences, forensic sciences, genetics or paleontology <b>OR</b> the equivalent.	Yes	
<b>Appliance repair</b>  (vending machines)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Archaeological technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Architecture</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Art</b>	<p>Master's degree in fine arts, art, or art history <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in humanities <b>OR</b> the equivalent.</p> <p><i>Note: "master's degree 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	
<b>Art history</b>	<p>Master's degree in art history, history of art and architecture, or visual culture/visual studies <b>OR</b> bachelor's degree in art history and master's degree in history <b>OR</b> master's degree in art with a recorded emphasis or concentration in art history <b>OR</b> the equivalent.</p>	Yes	
<b>Astronomy</b>	See physics/astronomy	Yes	
<b>Athletic training</b>	<p>Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional 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>		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Auto body technology</b>  (antique and classic auto restoration)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Automotive technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Aviation</b>  (flight, navigation, ground school, air traffic control)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Banking and finance</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Barbering</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Bicycle repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Biological sciences</b>	Master's degree in any biological science <b>OR</b> bachelor's degree in any biological science <b>AND</b> master's degree in biochemistry, biophysics, or marine science <b>OR</b> the equivalent.	Yes	
<b>Biotechnology</b>	bachelor's degree in biological sciences, chemistry, biochemistry, or engineering and two years of full-time related professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Bookbinding</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Broadcasting technology</b>  (film making/video, media production, radio/TV)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Building codes and regulations</b>  (inspecting of construction, building codes, contractor training)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Building maintenance</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Business</b>	Master's degree in business, business management, business administration, accountancy, finance, marketing, or business education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, personnel management, public administration, or Juris Doctorate (J.D.) or Legum Baccalaureus (LL.B.) degree <b>OR</b> bachelor's degree in economics with a business emphasis <b>AND</b> master's degree in personnel management, public administration, or J.D. or LL.B. degree <b>OR</b> the equivalent.	Yes	

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Business education</b>	Master's degree in business, business administration, or business education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in vocational education <b>OR</b> the equivalent.	Yes	
<b>Business machine technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Cabinet making</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Cardiovascular technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Carpentry</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Ceramic technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Chemistry</b>	Master's degree in chemistry <b>OR</b> bachelor's degree in chemistry or biochemistry <b>AND</b> master's degree in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry <b>OR</b> the equivalent.	Yes	

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Child development/early childhood education</b>	Master's degree 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 <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree 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 <b>OR</b> the equivalent.	Yes	
<b>Classics</b>	Master's degree in classics <b>OR</b> a bachelor's degree in classics <b>AND</b> a master's degree in history (with a concentration in ancient Mediterranean areas), English literature, comparative literature, or classical archaeology <b>OR</b> the equivalent.	Yes	
<b>Coaching</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Commercial art</b> (sign making, lettering, packaging, rendering)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Commercial music</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		



**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<p><b>Communication studies (speech communication)</b></p>	<p>Master's degree in speech, speech broadcasting, telecommunications, rhetoric, communication, communication studies, speech communication, or organizational communication <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in drama/ theater arts, mass communication, or English <b>OR</b> the equivalent.</p>	<p>Yes</p>	
<p><b>Computer information systems</b></p> <p>(computer network installation, microcomputer technology, computer applications)</p>	<p>Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.</p>		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Computer science</b>	<p>Master's degree in computer science or computer engineering <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in mathematics, cybernetics, business administration, accounting or engineering <b>OR</b> bachelor's degree in engineering <b>AND</b> master's degree in cybernetics, engineering mathematics, or business administration <b>OR</b> bachelor's degree in mathematics <b>AND</b> master's degree in cybernetics, engineering mathematics, or business administration <b>OR</b> bachelor's degree in any of the above <b>AND</b> a master's degree in information science, computer information systems, or information systems <b>OR</b> 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>	Yes	
<b>Computer service technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Construction management</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Construction technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Cosmetology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Counseling</b>	<p>Master's degree 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, <b>OR</b> the equivalent.</p> <p><i>(NOTE: A bachelor's degree in one of the above listed degrees and a license as a Marriage and Family Therapist (MFT) is an alternative qualification for this discipline.)</i></p>	Yes	title 5, section 53410.1
<b>Court interpreting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Court reporting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Culinary arts/food technology</b>  (food service, meat cutting, baking, waiter/waitressing, bartending)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Dance</b>	Master's degree in dance, physical education with a dance emphasis, or theater with dance emphasis, <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts, or music <b>OR</b> the equivalent.	Yes	

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Dental technology</b> (dental assisting, dental hygiene)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Diagnostic medical technology</b> (diagnostic medical sonography, neurodiagnostic technology, polysonographic technology)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Diesel mechanics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Dietetics</b> See nutritional science/dietetics			
<b>Dietetic technician</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Drafting</b> CADD (computer - aided drafting/design), CAD (computer- aided design), CAD (computer-aided drafting)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Drama/theater Arts</b>	Master's degree or Master of Fine Arts in drama/theater arts/performance <b>OR</b> bachelor's degree or Bachelor of Fine Arts in drama/theater/performance <b>AND</b> master's degree in comparative literature, English, communication studies, speech, literature, or humanities <b>OR</b> the equivalent.	Yes	
<b>Earth science</b>	Master's degree in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology <b>OR</b> bachelor's degree in geology <b>AND</b> master's degree in geography, physics, or geochemistry <b>OR</b> the equivalent.	Yes	
<b>Ecology</b>	Master's degree in ecology or environmental studies <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	
<b>Economics</b>	Master's degree in economics <b>OR</b> bachelor's degree in economics <b>AND</b> master's degree in business, business administration, business management, business education, finance, or political science <b>OR</b> the equivalent.	Yes	
<b>Education</b>	Master's degree in education <b>OR</b> the equivalent.	Yes	
<b>Electricity</b> (electrical power distribution)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Electromechanical technology</b> (industrial mechanical technology)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Electromicroscopy</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Electronic technology</b>  (radio, television, computer repair, avionics)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Electronics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Electroplating</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Emergency medical technologies</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Engineering</b>	Master's degree in any field of engineering <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in mathematics, physics, computer science, chemistry, or geology <b>OR</b> the equivalent.  <i>(NOTE: A bachelor's degree in any field of engineering with a professional engineer's license is an alternative qualification for this discipline.)</i>	Yes	title 5, section 53410.1
<b>Engineering support</b>  (surveying, engineering aides)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Engineering technology</b>	Master's degree in any field of engineering technology or engineering <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in physics, mathematics, computer science, biological science, or chemistry, <b>OR</b> bachelor's degree in industrial technology, engineering technology or engineering <b>AND</b> a professional engineer's license <b>OR</b> the equivalent.	Yes	
<b>English</b>	Master's degree in English, literature, comparative literature, or composition <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in linguistics, TESL, speech, education with a specialization in reading, creative writing, or journalism <b>OR</b> the equivalent.	Yes	
<b>Environmental technologies</b>  (environmental hazardous material technology, hazardous material abatement, environmentally conscious manufacturing, waste water pretreatment, air pollution control technology, integrated waste management, water treatment, sewage treatment)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Equine science</b> (equine training, equitation, farrier science, pack horse management)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>ESL</b>	Master's degree 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 <b>OR</b> bachelor's degree 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 <b>AND</b> master's degree in linguistics, applied linguistics, English, composition, bilingual/bicultural studies, reading, speech, or any foreign language <b>OR</b> the equivalent.	Yes	
<b>Estimating</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Ethnic studies</b>	Master's degree in the ethnic studies field <b>OR</b> a master's degree 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 <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	
<b>Fabric care</b> (laundry and dry cleaning)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		



**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Fashion and related technologies</b>  (merchandising, design, production)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Family and consumer and studies/home economics:</b>	Master's degree in family and consumer studies, life management/home economics, or home economics education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in child development, early childhood education, human development, gerontology, fashion, clothing and textiles, housing/interior design, foods/nutrition, or dietetics and food administration <b>OR</b> the equivalent.	Yes	
<b>Film studies</b>	Master's degree in film, drama/theater arts, or mass communication <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in media studies, English, or communication <b>OR</b> the equivalent.	Yes	
<b>Fire technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Flight attendant training</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Fluid mechanics technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Folk dance</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Foreign languages</b>	Master's degree in the language being taught <b>OR</b> bachelor's degree in the language being taught <b>AND</b> master's degree in another language or linguistics <b>OR</b> the equivalent.	Yes	
<b>Forestry/natural resources</b>  (range management; soil, air and water resources; fish/wildlife management; parks and recreation)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Furniture making</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Geography</b>	Master's degree in geography <b>OR</b> bachelor's degree in geography <b>AND</b> master's degree in geology, history, meteorology, or oceanography <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	
<b>Gerontology</b>	Master's degree in gerontology <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	
<b>Graphic arts</b>  (desktop publishing)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Gunsmithing</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Health</b>	Master's degree in health science, health education, biology, nursing, physical education, kinesiology, exercise science, dietetics, or nutrition <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in public health, or any biological science <b>OR</b> the equivalent.	Yes	
<b>Health care ancillaries</b>  (medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Health information technology</b>  (medical record technology)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Heavy duty equipment mechanics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Health services director/ health services coordinator/ college nurse</b>	Minimum qualifications for these faculty members specified in title 5, section 53411.	Yes	title 5, section 53411

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>History</b>	Master's degree in history <b>OR</b> bachelor's degree in history <b>AND</b> master's degree in political science, humanities, geography, area studies, women's studies, social science, or ethnic studies <b>OR</b> the equivalent.	Yes	
<b>Hotel and motel services</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Humanities</b>	Master's degree in humanities <b>OR</b> the equivalent.	Yes	
<b>Industrial design</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Industrial maintenance</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Industrial relations</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Industrial safety</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Industrial technology</b> (foundry occupations)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Instructional design/ technology</b>	Master's degree in instructional design/ technology or educational technology <b>OR</b> the equivalent.	Yes	

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Insurance</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Interior design</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Interdisciplinary Studies</b>	<p>Master's degree in the interdisciplinary area <b>OR</b> master's degree 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 degree list.</i></p>	Yes	
<b>Janitorial services</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Jewelry</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Journalism</b>	Master's degree in journalism or communication with a specialization in journalism <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in English, history, communication, literature, composition, comparative literature, any social science, business, business administration, marketing, graphics, or photography <b>OR</b> the equivalent.	Yes	
<b>Labor relations</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Law</b>	J.D. 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	
<b>Learning assistance instructors</b>	Minimum qualifications for these faculty members are specified in title 5, section 53415.	Yes	title 5, section 53415.
<b>legal assisting</b> (paralegal)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Library technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Library science</b>	Master's degree in library science, or library and information science, <b>OR</b> the equivalent.	Yes	

## ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Linguistics</b>	Master's degree in linguistics or applied linguistics <b>OR</b> bachelor's degree in linguistics <b>AND</b> master's degree in TESOL, anthropology, psychology, sociology, English, or any foreign language <b>OR</b> the equivalent.	Yes	
<b>Licensed vocational nursing</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Locksmithing</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Machine tool technology</b> (tool and die making)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Management</b>	Master's degree in business administration, business management, business education, marketing, public administration, or finance <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, accountancy, taxation, or law <b>OR</b> the equivalent.	Yes	
<b>Manufacturing technology</b> (quality control, process control)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Marine diving technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Marine engine technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Marketing</b>	Master's degree in business administration, business management, business education, marketing, advertising, or finance <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, accountancy, taxation, or law <b>OR</b> the equivalent.	Yes	
<b>Martial arts/self-defense</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Masonry</b> (concrete, cement work, bricklaying)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Mass communication</b>	Master's degree in radio, television, film, mass communication, or journalism <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in drama/theater arts, communication, communication studies, business, telecommunications, or English <b>OR</b> the equivalent.	Yes	
<b>Materials testing technology</b> (destructive testing or nondestructive examination)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Mathematics</b>	Master's degree in mathematics or applied mathematics <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in statistics, physics, or mathematics education <b>OR</b> the equivalent.	Yes	
<b>Media production</b> (also see broadcasting technology)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		



**ALPHABETICAL LISTING OF ALL DISCIPLINES**

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Medical instrument repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Military studies</b> (military science)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.  <i>(Note: the professional experience required for this discipline must be in the military pay grade of E-7 or above).</i>		
<b>Mining and metallurgy</b> (oil field operations)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Mortuary science</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Motorcycle repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Multimedia</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Music</b>	Master's degree in music <b>OR</b> bachelor's degree in music <b>AND</b> master's degree in humanities <b>OR</b> the equivalent.	Yes	
<b>Music management</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Musical instrument repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Music merchandising</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Nursing</b>	Master's degree in nursing <b>OR</b> bachelor's degree in nursing <b>AND</b> master's degree in health education or health science <b>OR</b> the equivalent <b>OR</b> the minimum qualifications as set by the Board of Registered Nursing, whichever is higher.	Yes	
<b>Nursing science/clinical practice</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Nutritional science/dietetics</b>	<p>Master's degree in nutrition, dietetics, or dietetics and food administration <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in chemistry, public health, or family and consumer studies/home economics <b>OR</b> the equivalent.</p> <p>(Note: A bachelor's degree in nutrition, dietetics, or dietetics and food administration, and certification as a registered dietician, is an alternative qualification for this discipline.)</p>	Yes	title 5, section 53410.1
<b>Occupational therapy assisting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Office technologies</b>  (secretarial skills, office systems, word processing, computer applications, automated office training)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Ornamental horticulture</b>  (landscape horticulture, design, maintenance, landscape architecture, floristry, floral design)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Pharmacy technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Philosophy</b>	Master's degree in philosophy <b>OR</b> bachelor's degree in philosophy <b>AND</b> master's degree in humanities or religious studies, <b>OR</b> the equivalent.	Yes	
<b>Photography</b>	Master's degree in photography, fine arts, or art <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in art history or humanities <b>OR</b> the equivalent.	Yes	
<b>Photographic technology/commercial photography</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Physical education</b>	Master's degree in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adaptive physical education, <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in any life science, dance, physiology, health education, recreation administration, or physical therapy <b>OR</b> the equivalent.	Yes	
<b>Physical sciences</b>	See interdisciplinary studies	Yes	
<b>Physical therapy assisting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Physics/Astronomy</b>	Master's degree in physics, astronomy, or astrophysics <b>OR</b> bachelor's degree in physics or astronomy <b>AND</b> master's degree in engineering, mathematics, meteorology, or geophysics <b>OR</b> the equivalent.	Yes	
<b>Piano tuning and repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Plastics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Plumbing</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Political science</b>	Master's degree in political science, government, or international relations <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, history, public administration, social science, sociology, any ethnic studies, J.D., or LL.B. <b>OR</b> the equivalent.	Yes	
<b>Printing technology</b> (typography, composition, printing)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Private security</b> (security management, safety/accident control, hazardous substance management crime prevention)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Prosthetics and orthotics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Psychiatric technician</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Psychology</b>	Master's degree in psychology <b>OR</b> bachelor's degree in psychology <b>AND</b> master's degree in counseling, sociology, statistics, neuroscience, or social work <b>OR</b> the equivalent.	Yes	
<b>Public relations</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Radiological technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Radiation therapy</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Reading</b>	Master's degree in education with a specialization in reading or teaching reading <b>OR</b> bachelor's degree in any academic discipline <b>AND</b> 12 semester units of course work in teaching reading <b>AND</b> master's degree in English, literature, linguistics, applied linguistics, composition, comparative literature, TESL, or psychology <b>OR</b> the equivalent.	Yes	
<b>Real estate</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Recreation administration</b>	Master's degree in recreation administration or physical education <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in dance, gerontology, or public administration, <b>OR</b> the equivalent.	Yes	
<b>Registered veterinary technician</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Rehabilitation technician</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

**ALPHABETICAL LISTING OF ALL DISCIPLINES**

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Religious studies</b>	Master's degree in religious studies, theology, or philosophy <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in humanities <b>OR</b> the equivalent.	Yes	
<b>Respiratory technician</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Respiratory technologies</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Restaurant management</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Retailing</b> (purchasing, merchandising, sales)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Robotics</b> (computer integrated manufacturing)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Sanitation and public health technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Search and rescue</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

<b>Discipline</b> (other areas included in the discipline)	<b>Minimum Qualifications</b>	<b>Master's degree Required</b>	<b>Statutory Law or Regulation apply</b>
<b>Sheet metal</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Ship and boat building and repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Shoe rebuilding</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Sign language, American</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Sign language/ English interpreting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Small business development</b> (entrepreneurship)	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Small engine mechanics</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Social science</b>	Master's degree in social science <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	
<b>Sociology</b>	Master's degree in sociology <b>OR</b> bachelor's degree in sociology <b>AND</b> master's degree in anthropology, any ethnic studies, social work, or psychology <b>OR</b> the equivalent.	Yes	
<b>Special education</b>	Minimum qualifications for these faculty members are specified in title 5, section 53414.	Yes	title 5, section 53414



## ALPHABETICAL LISTING OF ALL DISCIPLINES

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Speech communication</b>	See communication studies	Yes	
<b>Speech language pathology</b>	Master's degree 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, <b>OR</b> the equivalent.	Yes	
<b>Stagecraft</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience,		
<b>Steamfitting</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Surgical technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Telecommunication technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Theater arts</b>	See drama/theater arts	Yes	
<b>Transportation</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Travel services (dispatching)</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		

Discipline (other areas included in the discipline)	Minimum Qualifications	Master's degree Required	Statutory Law or Regulation apply
<b>Upholstering</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Vision care technology</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Watch and clock repair</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Welding</b>	Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.		
<b>Women's studies</b>	Master's degree in women's studies <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.	Yes	

## DISCIPLINES REQUIRING A MASTER’S DEGREE

This section of the handbook contains a list of the disciplines requiring a Master’s degree. 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).

Whenever this list mentions a Master’s degree, any degree beyond the Master’s degree would also satisfy that qualification.

Under each of the disciplines below, 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.

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.

Discipline	Areas Included in the Discipline
<b>Accounting</b>	<p>Master’s degree in accountancy or business administration with accounting concentration <b>OR</b> bachelor’s degree in business with accounting emphasis or business administration with accounting emphasis or economics with an accounting emphasis <b>AND</b> master’s degree in business, business administration, business education, economics, taxation, or finance <b>OR</b> the equivalent.</p> <p><i>(NOTE: A bachelor’s degree in accountancy or business administration with accounting concentration, with a CPA license is an alternative qualification for this discipline, pursuant to title 5, section 53410.1.)</i></p>

Discipline	Areas Included in the Discipline
<b>Agriculture</b>	Master's degree 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) <b>OR</b> the equivalent.
<b>Anthropology</b>	Master's degree in anthropology or archaeology <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in sociology, biological sciences, forensic sciences, genetics or paleontology <b>OR</b> the equivalent.
<b>Art</b>	Master's degree in fine arts, art, or art history <b>OR</b> bachelor's degree in any of the above <b>AND</b> Master's degree in humanities <b>OR</b> the equivalent.  <i>(NOTE: "Master's degree 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>
<b>Art history</b>	Master's degree in art history, history of art and architecture, or visual culture/visual studies <b>OR</b> bachelor's degree in art history and Master's degree in history <b>OR</b> master's degree in art with a recorded emphasis or concentration in art history <b>OR</b> the equivalent.
<b>Astronomy</b>	See physics/astronomy
<b>Biological sciences</b>	Master's degree in any biological science <b>OR</b> bachelor's degree in any biological science <b>AND</b> master's degree in biochemistry, biophysics, or marine science <b>OR</b> the equivalent.
<b>Business</b>	Master's degree in business, business management, business administration, accountancy, finance, marketing, or business education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, personnel management, public administration, or J.D. or LL.B. degree <b>OR</b> bachelor's degree in economics with a business emphasis <b>AND</b> master's degree in personnel management, public administration, or J.D. or LL.B. degree <b>OR</b> the equivalent.
<b>Business education</b>	Master's degree in business, business administration, or business education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in vocational education <b>OR</b> the equivalent.

## DISCIPLINES REQUIRING A MASTER'S DEGREE

Discipline	Areas Included in the Discipline
<b>Chemistry</b>	Master's degree in chemistry <b>OR</b> bachelor's degree in chemistry or biochemistry <b>AND</b> master's degree in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry <b>OR</b> the equivalent.
<b>Child development/ Early childhood education</b>	Master's degree 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 <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree 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 <b>OR</b> the equivalent.
<b>Classics</b>	Master's degree in classics <b>OR</b> a bachelor's degree in classics <b>AND</b> a master's degree in history (with a concentration in ancient Mediterranean areas), English literature, comparative literature, or classical archaeology <b>OR</b> the equivalent.
<b>Communication studies (speech communication)</b>	Master's degree in speech, speech broadcasting, telecommunications, rhetoric, communication, communication studies, speech communication, or organizational communication <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in drama/theater arts, mass communication, or English <b>OR</b> the equivalent.
<b>Computer science</b>	<p>Master's degree in computer science or computer engineering <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in mathematics, cybernetics, business administration, accounting or engineering <b>OR</b> bachelor's degree in engineering <b>AND</b> master's degree in cybernetics, engineering, mathematics, or business administration <b>OR</b> bachelor's degree in mathematics <b>AND</b> master's degree in cybernetics, engineering mathematics, or business administration <b>OR</b> bachelor's degree in any of the above <b>AND</b> a master's degree in information science, computer information systems, or information systems <b>OR</b> the equivalent.</p> <p><i>(NOTE: Courses in the use of computer programs for application to a particular discipline may be classified, for minimum qualifications purposes, under the discipline of the application.)</i></p>

Discipline	Areas Included in the Discipline
<b>Counseling</b>	<p>Master's degree 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, <b>OR</b> the equivalent.</p> <p><i>(NOTE: A bachelor's degree in one of the listed degrees and 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>
<b>Dance</b>	<p>Master's degree in dance, physical education with a dance emphasis, or theater with dance emphasis, <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts, or music <b>OR</b> the equivalent.</p>
<b>Dietetics</b>	<p>See nutritional science/dietetics</p>
<b>Drama/Theater arts</b>	<p>Master's degree or Master of Fine Arts in drama/theater arts/performance <b>OR</b> bachelor's degree or Bachelor of Fine Arts in drama/theater arts/performance <b>AND</b> master's degree in comparative literature, English, communication studies, speech, literature, or humanities <b>OR</b> the equivalent.</p>
<b>Earth science</b>	<p>Master's degree in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology <b>OR</b> bachelor's degree in geology <b>AND</b> master's degree in geography, physics, or geochemistry <b>OR</b> the equivalent.</p>
<b>Ecology</b>	<p>Master's degree in ecology or environmental studies <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.</p>
<b>Economics</b>	<p>Master's degree in economics <b>OR</b> bachelor's degree in economics <b>AND</b> master's degree in business, business administration, business management, business education, finance, or political science <b>OR</b> the equivalent.</p>
<b>Education</b>	<p>Master's degree in education <b>OR</b> the equivalent.</p>
<b>Engineering</b>	<p>Master's degree in any field of engineering <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in mathematics, physics, computer science, chemistry, or geology <b>OR</b> the equivalent.</p> <p><i>(NOTE: A bachelor's degree 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>

## DISCIPLINES REQUIRING A MASTER'S DEGREE

Discipline	Areas Included in the Discipline
<b>Engineering technology</b>	Master's degree in any field of engineering technology or engineering <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in physics, mathematics, computer science, biological science, or chemistry, <b>OR</b> bachelor's degree in industrial technology, engineering technology or engineering <b>AND</b> a professional engineer's license <b>OR</b> the equivalent.
<b>English</b>	Master's degree in English, literature, comparative literature, or composition <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in linguistics, TESL, speech, education with a specialization in reading, creative writing, or journalism <b>OR</b> the equivalent.
<b>ESL</b>	Master's degree 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 <b>OR</b> bachelor's degree 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 <b>AND</b> master's degree in linguistics, applied linguistics, English, composition, bilingual/bicultural studies, reading, speech, or any foreign language <b>OR</b> the equivalent.
<b>Ethnic studies</b>	Master's degree in the ethnic studies field <b>OR</b> a Master's degree 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 <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.
<b>Family/consumer studies and home economics</b>	Master's degree in family and consumer studies, life management/home economics, or home economics education <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in child development, early childhood education, human development, gerontology, fashion, clothing and textiles, housing/interior design, foods/nutrition, or dietetics and food administration <b>OR</b> the equivalent.
<b>Film studies</b>	Master's degree in film, drama/theater arts, or mass communication <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in media studies, English, or communication <b>OR</b> the equivalent.
<b>Foreign languages</b>	Master's degree in the language being taught <b>OR</b> bachelor's degree in the language being taught <b>AND</b> master's degree in another language or linguistics <b>OR</b> the equivalent.
<b>Geography</b>	Master's degree in geography <b>OR</b> bachelor's degree in geography <b>AND</b> master's degree in geology, history, meteorology, or oceanography <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.

Discipline	Areas Included in the Discipline
<b>Gerontology</b>	Master's degree in gerontology <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.
<b>Health</b>	Master's degree in health science, health education, biology, nursing, physical education, kinesiology, exercise science, dietetics, or nutrition <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in public health, or any biological science <b>OR</b> the equivalent.
<b>Health services director/ health services coordinator/college nurse</b>	Minimum qualifications for these faculty members specified in title 5, section 53411.
<b>History</b>	Master's degree in history <b>OR</b> bachelor's degree in history <b>AND</b> master's degree in political science, humanities, geography, area studies, women's studies, social science, or ethnic studies <b>OR</b> the equivalent.
<b>Humanities</b>	Master's degree in humanities <b>OR</b> the equivalent.
<b>Instructional design/ technology</b>	Master's degree in instructional design/technology or educational technology <b>OR</b> the equivalent.
<b>Interdisciplinary studies</b>	<p>Master's degree in the interdisciplinary area <b>OR</b> master's degree 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 degree list.</i></p>
<b>Journalism</b>	Master's degree in journalism or communication with a specialization in journalism <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in English, history, communication, literature, composition, comparative literature, any social science, business, business administration, marketing, graphics, or photography <b>OR</b> the equivalent.
<b>Law</b>	<p>J.D. or LL.B.</p> <p><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></p>
<b>Learning assistance instructors</b>	Minimum qualifications for these faculty members are specified in title 5, section 53415.



## DISCIPLINES REQUIRING A MASTER'S DEGREE

Discipline	Areas Included in the Discipline
<b>Library science</b>	Master's degree in library science, library and information science, <b>OR</b> the equivalent.
<b>Linguistics</b>	Master's degree in linguistics or applied linguistics <b>OR</b> bachelor's degree in linguistics <b>AND</b> master's degree in TESOL, anthropology, psychology, sociology, English, or any foreign language <b>OR</b> the equivalent.
<b>Management</b>	Master's degree in business administration, business management, business education, marketing, public administration, or finance <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, accountancy, taxation, or law <b>OR</b> the equivalent.
<b>Marketing</b>	Master's degree in business administration, business management, business education, marketing, advertising, or finance <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, accountancy, taxation, or law <b>OR</b> the equivalent.
<b>Mass communication</b>	Master's degree in radio, television, film, mass communication, or journalism <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in drama/theater arts, communication, communication studies, business, telecommunications, or English <b>OR</b> the equivalent.
<b>Mathematics</b>	Master's degree in mathematics or applied mathematics <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in statistics, physics, or mathematics education <b>OR</b> the equivalent.
<b>Music</b>	Master's degree in music <b>OR</b> bachelor's degree in music <b>AND</b> master's degree in humanities <b>OR</b> the equivalent.
<b>Nursing</b>	Master's degree in nursing <b>OR</b> bachelor's degree in nursing <b>AND</b> master's degree in health education or health science <b>OR</b> the equivalent <b>OR</b> the minimum qualifications as set by the Board of Registered Nursing, whichever is higher.
<b>Nutritional science/dietetics</b>	<p>Master's degree in nutrition, dietetics, or dietetics and food administration <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in chemistry, public health, or family and consumer studies/home economics <b>OR</b> the equivalent.</p> <p><i>(NOTE: A bachelor's degree 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.)</i></p>
<b>Philosophy</b>	Master's degree in philosophy <b>OR</b> bachelor's degree in philosophy <b>AND</b> master's degree in humanities or religious studies, <b>OR</b> the equivalent.

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Photography</b>	Master's degree in photography, fine arts, or art <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in art history or humanities <b>OR</b> the equivalent.
<b>Physical education</b>	Master's degree in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adaptive physical education, <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in any life science, dance, physiology, health education, recreation administration, or physical therapy <b>OR</b> the equivalent.
<b>Physical sciences</b>	See interdisciplinary studies
<b>Physics/astronomy</b>	Master's degree in physics, astronomy, or astrophysics <b>OR</b> bachelor's degree in physics or astronomy <b>AND</b> master's degree in engineering, mathematics, meteorology, or geophysics <b>OR</b> the equivalent.
<b>Political science</b>	Master's degree in political science, government, or international relations <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in economics, history, public administration, social science, sociology, any ethnic studies, J.D., or LL.B. <b>OR</b> the equivalent.
<b>Psychology</b>	Master's degree in psychology <b>OR</b> bachelor's degree in psychology <b>AND</b> master's degree in counseling, sociology, statistics, neuroscience, or social work <b>OR</b> the equivalent.
<b>Reading</b>	Master's degree in education with a specialization in reading or teaching reading <b>OR</b> bachelor's degree in any academic discipline <b>AND</b> 12 semester units of course work in teaching reading <b>AND</b> master's degree in English, literature, linguistics, applied linguistics, composition, comparative literature, TESL, or psychology <b>OR</b> the equivalent.
<b>Recreation administration</b>	Master's degree in recreation administration or physical education <b>OR</b> bachelor's degree in either of the above <b>AND</b> master's degree in dance, gerontology, or public administration, <b>OR</b> the equivalent.
<b>Religious studies</b>	Master's degree in religious studies, theology, or philosophy <b>OR</b> bachelor's degree in any of the above <b>AND</b> master's degree in humanities <b>OR</b> the equivalent.
<b>Social science</b>	Master's degree in social science <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.
<b>Sociology</b>	Master's degree in sociology <b>OR</b> bachelor's degree in sociology <b>AND</b> master's degree in anthropology, any ethnic studies, social work, or psychology <b>OR</b> the equivalent.
<b>Special education</b>	Minimum qualifications for these faculty members are specified in title 5, section 53414.

## DISCIPLINES REQUIRING A MASTER'S DEGREE

Discipline	Areas Included in the Discipline
<b>Speech communication</b>	See communication studies.
<b>Speech language pathology</b>	Master's degree 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, <b>OR</b> the equivalent.
<b>Theater arts</b>	See drama/theater arts
<b>Women's studies</b>	Master's degree in women's studies <b>OR</b> the equivalent <b>OR</b> see interdisciplinary studies.

This section of the handbook contains a list of the disciplines in which a master's degree is not generally available but which requires a specific bachelor's degree or associate degree. The minimum qualifications for disciplines on this list are specifically named bachelor's degree(s) and two years of professional experience or specifically named associate degree(s) and six years of professional experience. The professional experience required must be directly related to the faculty member's teaching assignment. This is a new category created in May 2009.

Discipline	Areas Included in the Discipline
<b>Biotechnology</b>	bachelor's degree in the biological sciences, chemistry, biochemistry, or engineering, and two years of full-time related professional experience.

This section of the handbook contains a list of the disciplines in which a master’s degree is not generally available. The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of professional experience, or any associate degree and six years of professional experience. The professional experience required must be directly related to the faculty member’s teaching assignment. 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.

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Addiction paraprofessional training</b>	
<b>Administration of justice</b>	police science, corrections, law enforcement
<b>Aeronautics</b>	airframe and power plant, aircraft mechanics, aeronautical engineering technician, avionics
<b>Agricultural business and related services</b>	inspection, pest control, food processing/meat cutting
<b>Agricultural engineering</b>	equipment and machinery, farm mechanics
<b>Agricultural production</b>	animal science, plant science, beekeeping, aquaculture
<b>Air conditioning, refrigeration, heating</b>	solar energy technician
<b>Animal training and management</b>	exotic animal training
<b>Appliance repair</b>	vending machines
<b>Archaeological technology</b>	
<b>Architecture</b>	
<b>Athletic training</b>	<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>
<b>Auto body technology</b>	antique and classic auto restoration
<b>Automotive technology</b>	
<b>Aviation</b>	flight, navigation, ground school, air traffic control
<b>Banking and finance</b>	
<b>Barbering</b>	
<b>Bicycle repair</b>	
<b>Bookbinding</b>	
<b>Broadcasting technology</b>	film making/video, media production, radio/TV

**DISCIPLINES IN WHICH A MASTER'S DEGREE IS NOT GENERALLY EXPECTED OR AVAILABLE BUT WHICH REQUIRES A SPECIFIC BACHELOR'S OR ASSOCIATE DEGREE**

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Building codes and regulations</b>	inspecting of construction, building codes, contractor training
<b>Building maintenance</b>	
<b>Business machine technology</b>	
<b>Cabinet making</b>	
<b>Cardiovascular technology</b>	
<b>Carpentry</b>	
<b>Ceramic technology</b>	
<b>Coaching</b>	
<b>Commercial art</b>	sign making, lettering, packaging, rendering
<b>Commercial music</b>	
<b>Computer information systems</b>	computer network installation, microcomputer technology, computer applications
<b>Computer service technology</b>	
<b>Construction management</b>	
<b>Construction technology</b>	
<b>Cosmetology</b>	
<b>Court interpreting</b>	
<b>Court reporting</b>	
<b>Culinary arts/food technology</b>	food service, meat cutting, baking, waiter/waitressing, bartending
<b>Dental technology</b>	dental assisting, dental hygiene
<b>Diagnostic medical technology</b>	diagnostic medical sonography, neurodiagnostic technology, polysonographic technology
<b>Diesel mechanics</b>	
<b>Dietetic technician</b>	
<b>Drafting</b>	CADD (computer-aided drafting/design), CAD (computer-aided design), CAD (computer-aided drafting)
<b>Electricity</b>	electrical power distribution

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Electromechanical technology</b>	industrial mechanical technology
<b>Electromicroscopy</b>	
<b>Electronic technology</b>	radio, television, computer repair, avionics
<b>Electronics</b>	
<b>Electroplating</b>	
<b>Emergency medical technologies</b>	
<b>Engineering support</b>	surveying, engineering aides
<b>Environmental technologies</b>	environmental hazardous material technology, hazardous material abatement, environmentally conscious manufacturing, waste water pretreatment, air pollution control technology, integrated waste management, water treatment, sewage treatment
<b>Equine science</b>	equine training, equitation, farrier science, pack horse management
<b>Estimating</b>	
<b>Fabric care</b>	laundry and dry cleaning
<b>Fashion and related technologies</b>	merchandising, design, production
<b>Fire technology</b>	
<b>Flight attendant training</b>	
<b>Fluid mechanics technology</b>	
<b>Folk dance</b>	
<b>Forestry/natural resources</b>	range management; soil, air and water resources; fish/wildlife management; parks and recreation
<b>Furniture making</b>	
<b>Graphic arts</b>	desktop publishing
<b>Gunsmithing</b>	
<b>Health care ancillaries</b>	medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy
<b>Health information technology</b>	medical record technology
<b>Heavy duty equipment mechanics</b>	

**DISCIPLINES IN WHICH A MASTER'S DEGREE IS NOT GENERALLY EXPECTED OR AVAILABLE BUT WHICH REQUIRES A SPECIFIC BACHELOR'S OR ASSOCIATE DEGREE**

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Hotel and motel services</b>	
<b>Industrial design</b>	
<b>Industrial maintenance</b>	
<b>Industrial relations</b>	
<b>Industrial safety</b>	
<b>Industrial technology</b>	foundry occupations
<b>Insurance</b>	
<b>Interior design</b>	
<b>Janitorial services</b>	
<b>Jewelry</b>	
<b>Labor relations</b>	
<b>Legal assisting</b>	paralegal
<b>Library technology</b>	
<b>Licensed vocational nursing</b>	
<b>Locksmithing</b>	
<b>Machine tool technology</b>	tool and die making
<b>Manufacturing technology</b>	quality control, process control
<b>Marine diving technology</b>	
<b>Marine engine technology</b>	
<b>Martial arts/self-defense</b>	
<b>Masonry</b>	concrete, cement work, bricklaying
<b>Materials testing technology</b>	destructive testing or nondestructive examination
<b>Media production</b>	Also see broadcasting technology
<b>Medical instrument repair</b>	
<b>Military studies</b>	military science  <i>(Note: the professional experience required for this discipline must be in the military pay grade of E-7 or above).</i>
<b>Mining and metallurgy</b>	oil field operations
<b>Mortuary science</b>	
<b>Motorcycle repair</b>	
<b>Multimedia</b>	
<b>Music management</b>	
<b>Music merchandising</b>	
<b>Musical instrument repair</b>	
<b>Nursing science/clinical practice</b>	

<b>Discipline</b>	<b>Areas Included in the Discipline</b>
<b>Occupational therapy assisting</b>	
<b>Office technologies</b>	secretarial skills, office systems, word processing, computer applications, automated office training
<b>Ornamental horticulture</b>	landscape horticulture, design, maintenance, landscape architecture, floristry, floral design
<b>Pharmacy technology</b>	
<b>Photographic technology/ commercial photography</b>	
<b>Physical therapy assisting</b>	
<b>Piano tuning and repair</b>	
<b>Plastics</b>	
<b>Plumbing</b>	
<b>Printing technology</b>	typography, composition, printing
<b>Private security</b>	security management, safety/accident control, hazardous substance management, crime prevention
<b>Prosthetics and orthotics</b>	
<b>Psychiatric technician</b>	
<b>Public relations</b>	
<b>Radiological technology</b>	
<b>Radiation therapy</b>	
<b>Real estate</b>	
<b>Registered veterinary technician</b>	
<b>Rehabilitation technician</b>	
<b>Respiratory technician</b>	
<b>Respiratory technologies</b>	
<b>Restaurant management</b>	
<b>Retailing</b>	purchasing, merchandising, sales
<b>Robotics</b>	computer integrated manufacturing
<b>Sanitation and public health technology</b>	
<b>Search and rescue</b>	
<b>Sheet metal</b>	
<b>Ship and boat building and repair</b>	
<b>Shoe rebuilding</b>	
<b>Sign language, American</b>	
<b>Sign language/English Interpreting</b>	
<b>Small business development</b>	entrepreneurship
<b>Small engine mechanics</b>	
<b>Stagecraft</b>	



**DISCIPLINES IN WHICH A MASTER'S DEGREE IS NOT GENERALLY EXPECTED OR AVAILABLE BUT WHICH REQUIRES A SPECIFIC BACHELOR'S OR ASSOCIATE DEGREE**

Discipline	Areas Included in the Discipline
Steamfitting	
Surgical technology	
Telecommunication technology	
Transportation	
Travel services	dispatching
Upholstering	
Vision care technology	
Watch and clock repair	
Welding	

## **CHAPTER 2.5 QUALIFICATIONS FOR COMMUNITY COLLEGE PERSONNEL**

### **ARTICLE 1. GENERAL PROVISIONS**

#### **§87350. Plan for new mechanism of faculty qualifications; inclusions**

The plan for a new mechanism of faculty qualifications being developed by the Chancellor of the California Community Colleges pursuant to Chapter 1465 of the Statutes of 1986 shall include all of the following:

- (a) A transition provision, which would grandfather existing bargaining unit definitions.
- (b) Consideration of projected California demographics.
- (c) Consideration of affirmative action policies and programs.

#### **§87351. Minimum qualifications for service, operative date**

The minimum qualifications for service prescribed by this chapter shall become operative on July 1, 1990.

### **ARTICLE 2. MINIMUM QUALIFICATIONS AND HIRING CRITERIA**

#### **§87355. Persons authorized to serve under credential; possession of minimum qualifications; regulations**

Notwithstanding Section 87356, every person authorized to serve as a community college instructor, librarian, counselor, student personnel worker, supervisor, administrator, or chief administrative officer under a credential shall retain the right to serve under the terms of that credential, and, for that purpose, shall be deemed to possess the minimum qualifications specified for every discipline or service covered by the credential until the expiration of that credential. The board of governors shall adopt regulations as necessary to implement this requirement.

#### **§87536. Faculty members and specified employees; regulation adoption; state-mandated local program**

- (a) The board of governors shall adopt regulations to establish and maintain the minimum qualifications for service as a faculty member teaching credit instruction, a faculty member teaching noncredit instruction, a librarian, a counselor, an educational administrator, an extended opportunity programs and services worker, a disabled students programs and services worker, an apprenticeship instructor, and a supervisor of health.

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- (b) The Legislature finds and declares that this section does not create a state-mandated local program because compensation of faculty will continue to be determined through the collective bargaining process or meet and confer sessions.

### **§87357. Minimum qualifications; establishment and maintenance; “discipline”; definition and recommendations**

In establishing and maintaining minimum qualifications pursuant to Section 87356, the board of governors shall do all of the following:

- (1) With regard to minimum qualifications for faculty, the board of governors shall consult with, and rely primarily on the advice and judgment of, the statewide Academic Senate. With regard to minimum qualifications for educational administrators, the board of governors shall consult with, and rely primarily on the advice and judgment of, an appropriate statewide organization of administrators. With regard to minimum qualifications for apprenticeship instructors, the board of governors shall consult with, and rely primarily on the advice and judgment of, appropriate apprenticeship teaching faculty and labor organization representatives. In each case, the board of governors shall provide a reasonable opportunity for comment by other statewide representative groups.
  - (2) The board of governors shall establish a process to review at least every three years the continued appropriateness of the minimum qualifications, and the adequacy of the means by which they are administered. The process shall provide for the appointment of a representative group of community college faculty, administrators, students, and trustees to conduct or otherwise assist in the review, including particularly, representatives of academic senates, collective bargaining organizations, and statewide faculty associations. In addition, the group shall be broadly representative of academic and vocational programs in the curriculum from both urban and rural districts, and representative of ethnic minority communities.
- (b) The board of governors, relying primarily upon the advice and judgment of the statewide Academic Senate, shall prescribe by regulation a working definition of the term “discipline” and shall prepare and maintain a list of disciplines that are “reasonably related” to one another, as that phrase is used in the minimum qualifications. The initial list shall be distributed to the community college districts by July 1, 1989, for their use in applying the minimum qualifications for hire.

In formulating advice and recommendations to the board of governors regarding the definition of the term “discipline,” the statewide Academic Senate shall consult with appropriate statewide organizations representing administrators and faculty collective bargaining agents. The statewide Academic Senate shall incorporate the advice of those groups into its recommendations to the board of governors, particularly as it relates to the practical ramifications of any proposed definition of the term “discipline” on issues of

reassignment, transfer, and reduction in force. The board of governors, relying primarily upon the advice and judgment of the statewide Academic Senate, shall prepare and maintain a list of disciplines in which the master's degree is not generally expected or available. The initial list shall be distributed to the community college districts by July 1, 1989, for their use in applying the minimum qualifications for service.

**§87358. Review of districts' application of minimum qualifications**

The board of governors shall periodically designate a team of community college faculty, administrators, and trustees to review each community college district's application of minimum qualifications to faculty and administrators.

**§87359. Employment of faculty and administrators not meeting applicable minimum qualifications; process**

The board of governors shall adopt regulations setting forth a process authorizing local governing boards to employ faculty members and educational administrators who do not meet the applicable minimum qualifications specified in the regulations adopted by the board of governors pursuant to Section 87356. Unless and until amended pursuant to the process described in Section 87357, the regulations shall require all of the following:

- (a) No one may be hired to serve as a community college faculty member or educational administrator under the authority granted by the regulations unless the governing board determines that he or she possesses qualifications that are at least equivalent to the minimum qualifications specified in regulations of the board of governors adopted pursuant to Section 87356. The criteria used by the governing board in making the determination shall be reflected in the governing board's action employing the individual.
- (b) The process, as well as criteria and standards by which the governing board reaches its determinations regarding faculty members, shall be developed and agreed upon jointly by representatives of the governing board and the academic senate, and approved by the governing board. The agreed upon process shall include reasonable procedures to ensure that the governing board relies primarily upon the advice and judgment of the academic senate to determine that each individual faculty member employed under the authority granted by the regulations possesses qualifications that are at least equivalent to the applicable minimum qualifications specified in regulations adopted by the board of governors. The process shall further require that the governing board provide the academic senate with an opportunity to present its views to the governing board before the board makes a determination, and that the written record of the decision, including the views of the academic senate, shall be available for review pursuant to section 87358.
- (c) Until a joint agreement is reached and approved pursuant to subdivision (b), the district process in existence on January 1, 1989, shall remain in effect.

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### **§87359.5. Review of job relevance requirements; time**

By May 1, 1989, the board of governors shall have reviewed or contracted for review of, the job relevance of the requirements of Sections 87408, 87408.5, 87408.6, and any other physical fitness tests or examinations, and other conditions of employment, applicable to community college personnel.

### **ARTICLE 3. HIRING CRITERIA**

#### **§87360. Development of criteria; inclusions; agreement; process in effect prior to agreement; times**

- (a) In establishing hiring criteria for faculty and administrators, district governing boards shall, no later than July, 1990, develop criteria that include a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, and ethnic backgrounds of community college students.
- (b) No later than July 1, 1990, hiring criteria, policies, and procedures for new faculty members shall be developed and agreed upon jointly by representatives of the governing board, and the academic senate, and approved by the governing board.
- (c) Until a joint agreement is reached and approved pursuant to subdivision (b), the existing district process in existence on January 1, 1989, shall remain in effect.

**CHAPTER 4. EMPLOYEES**  
**SUBCHAPTER 4. MINIMUM QUALIFICATIONS**  
**ARTICLE 1. SCOPE AND DEFINITIONS**

**§53400. Scope.**

This Subchapter implements should be read in conjunction with the requirements of Education Code Sections 87001, 87002, 87003, 87356 and 87359 concerning minimum qualifications for community college faculty and administrators. The provisions of this subchapter are effective July 1, 1990.

**NOTE:** Authority cited: Sections 66700, 70901, 87001, 87356 and 87359, Education Code.  
Reference: Sections 87001, 87002, 87003, 87356 and 87359, Education Code.

HISTORY

1. New section filed 6-5-90 by the Board of Governors, California Community Colleges, with the Secretary of State; operative 7-5-90. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 90, No. 37).
2. Amendment filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
3. Amendment filed 5-15-93; operative 6-4-93 (Register 93, No. 25).
4. Amendment filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No. 38).

**§53401. Applicability to Community Services and Contract Classes.**

Community service or contract classes which do not award college credit and are not supported by state apportionment are not subject to the provisions of this Subchapter. Contract classes which award college credit are subject to this Subchapter, even if they are not supported by state apportionment.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B) and 87356, Education Code.

HISTORY

1. New section filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
2. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).
3. Amendment filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No. 38).

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### §53402. Definitions.

- (a) “Administrator” means any person employed by the governing board of a district in a supervisory or management position as defined in Article 5 (commencing with Section 3540) of Chapter 10.7 of Division 4 of Title 1 of the Government Code.
- (b) “Educational administrator” means an administrator who is employed in an academic position designated by the governing board of the district as having direct responsibility for supervising the operation of or formulating policy regarding the instructional or student services program of the college or district. Educational administrators include, but are not limited to, chancellors, presidents, and other supervisory or management employees designated by the governing board as educational administrators.
- (c) “Faculty” or “faculty member” means those employees of a district who are employed in academic positions that are not designated as supervisory or management for the purposes of Article 5 (commencing with Section 3540) of Chapter 10.7 of Division 4 of Title 1 of the Government Code and for which minimum qualifications for service are specified in Section 53410-53414 or other provisions of this division. Faculty include, but are not limited to, instructors, librarians, counselors, community college health service professionals, disabled student programs and services professionals, extended opportunity programs and services professionals, and individuals employed to perform a service that, before July 1, 1990, required nonsupervisory, nonmanagement community college certification qualifications.

**NOTE:** Authority cited: Sections 66700, 70901 and 87001, Education Code. Reference: Sections 87001, 87002 and 87003, Education Code.

#### HISTORY

1. New section filed 6-5-90 by the Board of Governors, California Community Colleges, with the Secretary of State; operative 7-5-90. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 90, No. 37).
2. Amendment filed 10-25-91; operative 11-24-91 (Register 92, No. 9).

### §53403. Applicability of Amendments.

Notwithstanding changes that may be made to the minimum qualifications established in this division, or to the implementing discipline lists adopted by the Board of Governors, the governing board of a community college district may continue to employ a person to teach in a discipline or render a service subject to minimum qualifications, if he or she, at the time of initial hire by the district, was qualified to teach in that discipline or render that service under the minimum qualifications or disciplines lists then in effect.

Every person authorized to serve under a credential shall retain the right to serve under the terms of that credential, and, for that purpose, shall be deemed to possess the minimum qualifications specified for every discipline or service covered by the credential until the expiration of that credential. However, a credential shall be invalid when the holder has been convicted of any crime that, under former law, would have been mandatory grounds for revocation, or when the Chancellor's Office has determined that the credential was obtained by fraud.

**NOTE:** Authority cited: Sections 70901, 87355 and 87356, Education Code. Reference: Sections 70901(b)(l)(B), 87355 and 87356, Education Code.

#### HISTORY

1. New section filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
2. New second paragraph and amendment of Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

#### **§53404. Definition of Experience.**

Where years of professional or occupational experience are referred to in this Subchapter, the requirement is for the stated number of years of full-time experience or the equivalent in part-time experience. Unpaid experience may be counted if it entailed responsibilities substantially similar to those of relevant paid positions in the field. Applicants bear the responsibility for verifying all experience by documentation satisfactory to the districts.

As used in this Subchapter, "professional experience" includes teaching experience. "Occupational experience" does not include teaching experience.

As used in this Section, "year" means that period of time which in that occupation is accepted by contract or general agreement as a regular work year for that occupation on a full-time basis.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(l)(B) and 87356, Education Code.

#### HISTORY

1. New section filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
2. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).
3. Amendment filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No. 38).



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### §53405. Certificated Employees.

Whenever in this division, reference is made to “certificated employees” or to employees in “positions with certification qualifications,” where such references are to certificates or credentials issued by the board of governors, these references are deemed to also apply to persons employed by districts pursuant to minimum qualifications established pursuant to Subchapter 4 of this division.

**NOTE:** Authority cited: Sections 66700 and 70901, Education Code. Reference: Section 70901, Education Code.

#### HISTORY

New section filed 5-15-93; operative 6-4-93 (Register 93, No.25).

### §53406. Requirement for Accredited Degrees and Units; Definition of Accredited Institution.

All degrees and units used to satisfy minimum qualifications shall be from accredited institutions, unless otherwise specified in this Article.

For purposes of this Subchapter, “accredited institution” shall mean a postsecondary institution accredited by an accreditation agency recognized by either the U.S. Department of Education or the Council on Postsecondary Accreditation. It shall not mean an institution “approved” by the California Department of Education or by the California Council for Private Postsecondary and Vocational Education.

Determination of equivalency of foreign degrees shall be according to district rule.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B) and 87356, Education Code.

#### HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).
2. Amendment filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No.38).

### §53407. Disciplines Lists.

The board of governors hereby adopts and incorporates by reference into this provision the two lists published by the Chancellor’s Office, entitled ‘Disciplines Requiring the Master’s degree’ and “Disciplines in which the Master’s degree is not Generally Expected or Available,” as revised September 1993, for the following purposes:

- (1) to establish a working definition of the term “discipline” as used in Section 53410;

- (2) to define which disciplines are “reasonably related” to one another, for purposes of Section 53410;
- (3) to define disciplines in which the master’s degree is not generally expected or available, as opposed to those for which the master’s degree is required, for purposes of Section 53410.

**NOTE:** Authority cited: Sections 70901. 87356 and 87357. Education Code. Reference: Sections 70901(b)(l)(B), 87356 and 87357, Education Code.

#### HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

### ARTICLE 2. QUALIFICATIONS AND EQUIVALENCIES

#### **§53410. Minimum Qualifications for Instructors of Credit Courses, Counselors, and Librarians.**

The minimum qualifications for service as a community college faculty member teaching any credit course, or as a counselor or librarian, shall be satisfied by meeting any one of the following requirements:

- (a) Possession of a master’s degree, or equivalent foreign degree, in the discipline of the faculty member’s assignment.
- (b) Possession of master’s degree, or equivalent foreign degree, in a discipline reasonably related to the faculty member’s assignment and possession of a bachelor’s degree, or equivalent foreign degree, in the discipline of the faculty member’s discipline.
- (c) For faculty assigned to teach courses in disciplines where the master’s degree is not generally expected or available, but where a related bachelor's or associate degree is generally expected or available, possession of either:
  - (1) a bachelor's degree in the discipline directly related to the faculty member's teaching assignment or equivalent foreign degree plus two years of professional experience directly related to the faculty member's teaching assignment; or
  - (2) an associate degree in the discipline directly related to the faculty member's teaching assignment or equivalent foreign degree plus six years of professional experience directly related to the faculty member's teaching assignment.

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(d) For faculty assigned to teach courses in disciplines where the master's degree is not generally expected or available, and where a related bachelor's or associate degree is not generally expected or available, possession of either:

(1) any bachelor's degree or equivalent foreign degree plus two years of professional experience directly related to the faculty member's teaching assignment; or

(2) any associate degree or equivalent foreign degree plus six years of professional experience directly related to the faculty member's teaching assignment.

**NOTE:** Authority cited: Sections 66700, 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B), 87003, and 87356, Education Code.

### HISTORY

1. New section filed 6-5-90 by the Board of Governors, California Community Colleges, with the Secretary of State; operative 7-5-90. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 90, No. 37).
2. Amendment of first paragraph and subsections (a) and (b) filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
3. Amendment filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).
4. Amendment of Note filed 11-10-93; operative 10-8-93 (Register 93, No.46).
5. Editorial correction of subsection (c)(2) (Register 96, No. 40).

### **§53410.1. Professional License As Alternative Qualification.**

For disciplines specified in this section, a bachelor's degree in the discipline of the assignment plus a professional license or certification may be substituted for the minimum qualifications specified in Section 53410. The license or certification so substituted must be valid in California. The following professional licenses and certifications are acceptable:

<i>Discipline</i>	<i>License or Certification</i>
Accounting	Certified Public Accountant
Counseling	Marriage and Family Therapist
Engineering	Professional Engineer
Nutritional Science/Dietetics	Registered Dietitian

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B) and 87356, Education Code.

## HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).

### **§53411. Minimum Qualifications for Health Services Professionals.**

- (a) The minimum qualifications for a health services professional with overall responsibility for developing and directing student health services shall be a valid, current California license as a registered nurse, and either of the following:
  - (1) a master's degree in nursing and a California Public Health Nurse certificate; or
  - (2) a bachelor's degree in nursing, a California Public Health Nurse certificate, and a master's degree in health education, sociology, psychology, counseling, health care administration, public health, or community health.
- (b) 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:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B), 87003 and 87356, Education Code.

## HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).

### **§53412. Minimum Qualifications for Instructors of Noncredit Courses.**

Except as provided elsewhere in this article, the minimum qualifications for service as a faculty member teaching a noncredit course shall be the same as the minimum qualifications for credit instruction in the appropriate discipline, or as follows:

- (a) For an interdisciplinary noncredit basic skills course, a bachelor's degree in any social science, humanities, mathematics, or natural science discipline or in liberal studies, as appropriate for the course.
- (b) For a noncredit basic skills course in mathematics, a bachelor's degree in mathematics.
- (c) For a noncredit basic skills course in reading and/or writing, either: a bachelor's degree in English, literature, comparative literature, composition, linguistics, speech, creative writing, or journalism; or a bachelor's degree in any discipline and twelve semester units of coursework in teaching reading.

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- (d) For a noncredit course in citizenship, a bachelor's degree in any discipline, and six semester units in American history and institutions.
- (e) For a noncredit course in English as a second language (ESL), any one of the following:
  - (1) A bachelor's degree in teaching English as a second language, or teaching English to speakers of other languages.
  - (2) A bachelor's degree in education, English, linguistics, applied linguistics, any foreign language, composition, bilingual/bicultural studies, reading, or speech; and a certificate in teaching English as a second language, which may be completed concurrently during the first year of employment as a noncredit instructor.
  - (3) A bachelor's degree with any of the majors specified in subparagraph (2) above; and one year of experience teaching ESL in an accredited institution; and a certificate in teaching English as a second language, which may be completed concurrently during the first two years of employment as a noncredit instructor.
  - (4) Possession of a full-time, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in ESL.
- (f) For a noncredit course in health and safety, a bachelor's degree in health science, health education, biology, nursing, dietetics, or nutrition; or an associate degree in any of those subjects, and four years of professional experience related to the subject of the course taught.
- (g) 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 an associated degree in any of those subjects, and four years of professional experience related to the subject of the course taught.
- (h) For a noncredit course intended for older adults, either pattern (1) or pattern (2) following:
  - (1) A bachelor's degree with a major related to the subject of the course taught, and either (A) or (B) below:
    - (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.
    - (B) One year of professional experience working with older adults.
  - (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 classwork 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.

- (i) 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.
- (j) For a short-term noncredit vocational course, any one of the following:
  - (1) A bachelor's degree; and two years of occupational experience related to the subject of the course taught.
  - (2) An associate degree; and six years of occupational experience related to the subject of the course taught.
  - (3) Possession of a full-time, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in the subject matter.
  - (4) 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:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(l)(B) and 87356, Education Code.

#### HISTORY

1. New section filed 10-30-90 with Secretary of State by Board of Governors, California Community Colleges; operative 11-30-90 (Register 90, No. 49). Submitted to OAL for printing only pursuant to Education Code section 70901.5(b).
2. Amendment filed 6-19-91; operative 7-19-91. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 91, No. 50).
3. Amendment of first paragraph and subsection (b) filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
4. Repealed and new section filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
5. Editorial correction of printing error in subsection (a) and inadvertent omission of subsection (h)(1) (Register 92, No. 45).
6. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

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### §53413. Minimum Qualifications for Apprenticeship Instructors.

- (a) Until July 1, 1995, the minimum qualifications for service as a community college faculty member teaching credit or noncredit apprenticeship courses shall be satisfied by meeting both of the following requirements:
  - (1) Six years of occupational experience in an apprenticeable trade, including at least two years at the journeyman level; and
  - (2) Sixty clock hours or four semester units of instruction in materials, methods, and evaluation of instruction. This requirement may be satisfied concurrently during the first year of employment as an apprenticeship instructor.
- (b) On or after July 1, 1995, the minimum qualifications for service as a community college faculty member teaching credit apprenticeship courses shall be satisfied by meeting one of the following two requirements:
  - (1) Possession of an associate degree, plus four years of occupational experience in the subject matter area to be taught; or
  - (2) Six years of occupational experience, a journeyman's certificate in the subject matter area to be taught, and completion of at least eighteen (18) semester units of degree applicable college level course work, in addition to apprenticeship credits.
- (c) On or after July 1, 1995, the minimum qualifications for service as a community college faculty member teaching noncredit apprenticeship courses shall be either of the following:
  - (1) The minimum qualifications for credit apprenticeship instruction as set forth in this section, or
  - (2) A high school diploma; and six years of occupational experience in the occupation to be taught including at least two years at the journeyman level; and sixty clock hours or four semester units in materials, methods, and evaluation of instruction. This last requirement may be satisfied concurrently during the first year of employment as an apprenticeship instructor.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(1)(B), 87356 and 87357, Education Code.

## HISTORY

1. New section filed 10-30-90 with Secretary of State by Board of Governors, California Community Colleges; operative 11-30-90 (Register 90, No. 49). Submitted to OAL for printing only pursuant to Education Code section 70901.5(b).
2. Amendment of subsections (a), (b) and (b)(3) filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
3. New subsections (c)-(c)(2) filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
4. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

### **§53414. Minimum Qualifications for Disabled Students Programs and Services Employees.**

- (a) The minimum qualifications for service as a community college counselor of students with disabilities shall be satisfied by meeting one of the following requirements;
  - (1) Possession of a master's degree, or equivalent foreign degree, in rehabilitation counseling, or
  - (2) Possession of a master's degree, or equivalent foreign degree, in special education, and twenty four or more semester units in upper division or graduate level course work in counseling, guidance, student personnel, psychology, or social work; or
  - (3) A master's degree in counseling, guidance, student personnel, psychology, career development, or social welfare; and either twelve or more semester units in upper division or graduate level course work specifically in counseling or rehabilitation of individuals with disabilities, or two years of full-time experience, or the equivalent, in one or more of the following;
    - (A) Counseling or guidance for students with disabilities; or
    - (B) Counseling and/or guidance in industry, government, public agencies, military or private social welfare organizations in which the responsibilities of the position were predominantly or exclusively for persons with disabilities.
- (b) The minimum requirements for service as a community college faculty member teaching a credit course in adapted physical education shall be the minimum qualifications for an instructor of credit physical education, and fifteen semester units of upper division or graduate study in adapted physical education.



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- (c) The minimum requirements for service to work with students with speech and language disabilities shall be satisfied by meeting the following requirements:
  - (1) Possession of a master's degree, or equivalent foreign degree, in speech pathology and audiology, or in communication disorders; and
  - (2) Licensure or eligibility for licensure as a speech pathologist or audiologist by the Medical Board of California.
- (d) Except as provided in Subsections (a) through (c) above, the minimum requirements for service as a community college faculty member to provide credit specialized instruction for students with disabilities shall be satisfied by meeting the following requirements:
  - (1) Possession of a master's degree, or equivalent foreign degree, in the category of disability, special education, education, psychology, educational psychology, or rehabilitation counseling; and
  - (2) Fifteen semester units of upper division or graduate study in the area of disability, to include, but not be limited to:
    - (A) Learning disabilities;
    - (B) Developmental disabilities;
    - (C) Deaf and hearing impaired;
    - (D) Physical disabilities; or
    - (E) Adapted computer technology.
- (e) 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 specialized instruction for students with disabilities as specified in this section.
  - (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.

- (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.
- (4) 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.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901(b)(l)(B) and 87356, Education Code.

#### HISTORY

1. New section filed 10-30-90 with Secretary of State by Board of Governors, California Community Colleges; operative 11-30-90 (Register 90, No. 49). Submitted to OAL for printing only pursuant to Education Code section 70901.5(b).
2. Amendment filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
3. Amendment of subsections (a)(3), (b), (c)(2) and (d), and new subsections (e)-(e)(4) filed 6-26-92; operative 7-27-92 (Register 92, No. 26).
4. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

#### **§53415. Minimum Qualifications for Learning Assistance or Learning Skills Coordinators or Instructors, and Tutoring Coordinators.**

The minimum qualifications for service as a learning assistance or learning skills coordinator or instructor, or tutoring coordinator, shall be either (a) or (b) below:

- (a) the minimum qualifications to teach any master's degree level discipline in which learning assistance or tutoring is provided at the college where the coordinator is employed; or
- (b) a master's degree in education, educational psychology, or instructional psychology, or other Master's degree with emphasis in adult learning theory.

Minimum qualifications do not apply to tutoring or learning assistance for which no apportionment is claimed.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901 and 87356, Education Code.

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### HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

#### **§53416. Minimum Qualifications for Work Experience Instructors or Coordinators.**

The minimum qualifications for an instructor or coordinator of general or occupational work experience education, as defined in Section 55252, shall be the minimum qualifications in any discipline in which work experience may be provided at the college where the instructor or coordinator is employed.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901 and 87356, Education Code.

### HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No. 42).

#### **§53417. Licensed or Certificated Occupations.**

In addition to other minimum qualifications specified in this article, the minimum qualifications for a faculty member teaching any credit or noncredit course shall include a current, valid certificate to work or a license to practice in California, whenever the instructor's possession of such a certificate or license is required for program or course approval, or when current occupational certification is essential for effective instruction, as determined through local hiring procedures.

**NOTE:** Authority cited: Sections 70901 and 87356, Education Code. Reference: Sections 70901 and 87356, Education Code.

### HISTORY

1. New section filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).

#### **§53420. Minimum Qualifications for Educational Administrators.**

The minimum qualifications for service as an educational administrator shall be both of the following:

- (a) Possession of a master's degree; and
- (b) One year of formal training, internship, or leadership experience reasonably related to the administrator's administrative assignment

**NOTE:** Authority cited: Sections 66700, 70901 and 87356, Education Code. Reference: Sections 87002 and 87356, Education Code.

#### HISTORY

1. New section filed 6-5-90 by the Board of Governors, California Community Colleges, with the Secretary of State; operative 7-5-90. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 90, No. 37).
2. Amendment of section heading and first paragraph filed 10-25-91; operative 11-24-91 (Register 92, No. 9).
3. Amendment of section and Note filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).

#### **§53430. Equivalencies.**

- (a) No one may be hired to serve as a community college faculty or educational administrator unless the governing board determines that he or she possesses qualifications that are at least equivalent to the minimum qualifications specified in this Article or elsewhere in this Division. The criteria used by the governing board in making the determination shall be reflected in the governing board's action employing the individual.
- (b) The process, as well as criteria and standards by which the governing board reaches its determinations regarding faculty, shall be developed and agreed upon jointly by representatives of the governing board and the academic senate, and approved by the governing board. The agreed upon process shall include reasonable procedures to ensure that the governing board relies primarily upon the advice and judgment of the academic senate to determine that each individual faculty employed under the authority granted by this Section possesses qualifications that are at least equivalent to the applicable minimum qualifications specified in this Division.
- (c) The process shall further require that the academic senate be provided with an opportunity to present its views to the governing board before the governing board makes a determination; and that the written record of the decision, including the views of the academic senate, shall be available for review pursuant to Education Code Section 87358.
- (d) Until a joint agreement is reached and approved pursuant to Subdivision (b), the district shall be bound by the minimum qualifications set forth in this Subchapter.

**NOTE:** Authority cited: Sections 66700, 70901 and 87359, Education Code. Reference: Section 87359, Education Code.

## CALIFORNIA CODE OF REGULATIONS, TITLE 5 SECTIONS ON MINIMUM QUALIFICATIONS

### HISTORY

1. New section filed 6-5-90 by the Board of Governors, California Community Colleges, with the Secretary of State; operative 7-5-90. Submitted to OAL for printing only pursuant to Education Code section 70901.5(b) (Register 90, No. 37).
2. Amendment of subsections (a) and (b) filed 10-25-91; operative 11-24-91 (Register 92, No.9).
3. Amendment filed 10-5-93; operative 11-4-93. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 93, No.42).
4. Amendment of subsections (a), (b) and (d) filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No. 38).

### SUBCHAPTER 5. FACULTY INTERNSHIP PROGRAMS

#### §53500. General Authority.

The governing board of any community college district may establish a faculty internship program pursuant to the provisions of this Subchapter and Section 87487 of the Education Code. In accordance therewith, governing boards may employ, as faculty interns within the program, graduate students enrolled in the California State University, the University of California, or any other accredited institution of higher education subject to Chapter 3 (commencing with Section 94300) of Part 59 of the Education Code or in vocational and technical fields where a master's degree is not generally expected or available, persons who are within one year of meeting the regular faculty minimum qualifications. Persons who meet the regular faculty minimum qualifications but who lack teaching experience may also be included in internship programs authorized by this Section to the extent authorized by the local governing board. A student employed as a faculty intern shall be employed as a temporary faculty member under Section 87482.5 of the Education Code, and shall meet the minimum qualifications specified in Section 53502.

For purposes of this Subchapter, the term "faculty intern" does not include any person, no matter how designated, who only assists in a class taught by a regularly qualified faculty member, and who has no independent responsibility for instruction or supervision of students. Such a person may be termed an "intern," and may serve as a volunteer or receive a stipend according to policies established by the district.

**NOTE:** Authority cited: Sections 70901 and 87487, Education Code. Reference: Section 87487, Education Code.

## HISTORY

1. New section filed 4-3-92; operative 5-4-92 (Register 92, No. 15).
2. Amendment filed 9-6-94; operative 10-6-94. Submitted to OAL for printing only pursuant to Education Code section 70901.5 (Register 94, No. 38).
3. Amendment of first paragraph filed 9-3-96; operative 10-3-96. Submitted to OAL for printing only (Register 96, No. 40).

### **§53501. Purposes.**

The purposes of the faculty internship shall include, but not be limited to, the following:

- (a) To enhance the recruitment of qualified persons pursuing the master's degree or doctoral degrees, or both, into faculty positions in community colleges in California, particularly for disciplines for which recruitment is difficult and for disciplines in which a shortage of qualified faculty is anticipated. In order to accomplish this purpose, the internship program shall serve to introduce graduate students, before they approach the end of their graduate studies, to the community college environment and student population.
- (b) To enhance the recruitment of qualified persons pursuing an associate degree into faculty positions in community colleges in California, particularly for disciplines for which current industry experience is important and disciplines for which recruitment is difficult and in which a shortage of faculty is anticipated. In order to accomplish these purposes, the internship program shall serve to introduce industry practitioners to the community college environment and student populations while encouraging them to complete their associate degree.
- (c) To enhance community college efforts toward building a diverse and representative faculty. In order to accomplish this purpose, the internship program shall place special emphasis on locating and attracting qualified graduate students who are members of underrepresented groups.

**NOTE:** Authority cited: Sections 70901, 87105 and 87487, Education Code. Reference: Sections 87101 and 87487, Education Code.

## HISTORY

1. New section filed 4-3-92; operative 5-4-92 (Register 92, No. 15).
2. New subsection (b) and subsection relettering filed 9-3-96; operative 10-3-96. Submitted to OAL for printing only (Register 96, No. 40).

## CALIFORNIA CODE OF REGULATIONS, TITLE 5 SECTIONS ON MINIMUM QUALIFICATIONS

### §53502. Minimum Qualifications.

A student employed as a faculty intern shall meet the following minimum qualifications:

- (a) For those disciplines in which a master's degree is required, faculty interns shall be enrolled in a master's degree or doctoral program at the University of California, the California State University, or any other accredited institution of higher education subject to Chapter 3 (commencing with Section 94300) of Part 59 of the Education Code, and shall have completed at least one-half of the coursework, or the equivalent in that graduate program.
- (b) For those disciplines for which a master's degree is not expected or required, the faculty intern shall possess any license or certificate required to do that work and (1) be within one year of completing the associate degree and have six years industry experience in the discipline, or (2) have completed the associate degree and have completed five years of industry experience in that discipline.
- (c) Faculty interns shall only be assigned to teach or to serve in a discipline in which they would be legally qualified to teach or render service upon completion of their graduate studies or associate degree and six years of industry experience in that discipline. A faculty intern shall be limited to two years of participation in the program.
- (d) Each faculty intern shall serve under the direct supervision of a mentor who is legally qualified to teach the course or render the service that the faculty intern is providing. The district governing board shall ensure that faculty mentors provide substantial direct in-class supervision and evaluation of interns' teaching capabilities. The mentor shall have no other assigned duties during the time that the faculty intern is teaching or rendering service. The mentor is responsible for providing direct monitoring and systematic contact with the faculty intern.

**NOTE:** Authority cited: Sections 70901 and 87487, Education Code. Reference: Sections 70901 and 87487, Education Code.

#### HISTORY

1. New section filed 4-3-92; operative 5-4-92 (Register 92, No. 15).
2. Amendment filed 9-3-96; operative 10-3-96. Submitted to OAL for printing only (Register 96, No. 40).

**CHAPTER 7. SPECIAL PROGRAMS**  
**SUBCHAPTER 2.5 EXTENDED OPPORTUNITY PROGRAMS AND SERVICES**  
**ARTICLE 5. STAFFING STANDARDS**

**§56260. Staff.**

EOPS shall be provided by certificated director, instructors and counselors and other support staff employed by the governing board of the community college district. All staff funded by EOPS who are not supervised by the EOPS Director shall be accountable to the EOPS Director for the services rendered to EOPS students pursuant to the approved EOPS program plan.

**NOTE:** Authority cited: Sections 69648, 69648.7 and 71020, Education Code. Reference: Sections 69640-69655, Education Code.

HISTORY

1. New section filed 9-24-87; operative 10-24-87 (Register 87, No.40).

**§56262. Director Qualifications.**

- (a) The EOPS Director must meet the minimum qualifications for a student services administrator as specified in section 53420 of this part, or must possess a Community College Supervisor Credential.
- (b) In addition, an EOPS Director hired after October 24, 1987, must have, within the last four years, two years of experience or the equivalent.
  - (1) In the management or administration of educational programs, community organizations, government programs, or private industry in which the applicant dealt predominantly with ethnic minorities or persons handicapped by language, social or economic disadvantages or,
  - (2) As a community college EOPS counselor or EOPS instructor, or have comparable experience in working with disadvantaged clientele.
- (c) In addition, an EOPS director hired after October 24, 1987, shall have completed a minimum of six units of college-level course work predominantly relating to ethnic minorities or persons handicapped by educational, language, or social disadvantages.

**NOTE:** Authority cited: Sections 69648, 70901(b)(1)(B) and 87356, Education Code. Reference: Sections 70901(b)(1)(B), 87356 and 87357, Education Code.



## CALIFORNIA CODE OF REGULATIONS, TITLE 5 SECTIONS ON MINIMUM QUALIFICATIONS

### HISTORY

1. New section filed 9-24-87; operative 10-24-87 (Register 87, No. 40).
2. Amendment filed 10-30-90 with Secretary of State by Board of Governors, California Community Colleges; operative 11-30-90 (Register 90, No. 49). Submitted to OAL for printing only pursuant to Education Code Section 70901.5(b).
3. Editorial correction of printing error in subsection (a) (Register 91, No. 29).

### **§56264. Counselor Qualifications.**

- (a) EOPS “Counselors” are those persons designated by the community college to serve as certificated counselors in the EOPS program and must possess the Community College Counselor Credential or possess a master’s degree in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, or career development, or the equivalent, and
- (b) In addition, EOPS counselors hired after October 24, 1987, shall:
  - (1) Have completed a minimum of nine semester 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,
- (c) 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:** Authority cited: Sections 69648, 69648.7 and 71020, Education Code. Reference: Sections 69640-69655, Education Code.

### HISTORY

1. New section filed 9-24-87; operative 10-24-87 (Register 87, No.40).
2. Amendment filed 10-30-90 with Secretary of State by Board of Governors, California Community Colleges; operative 11-30-90 (Register 90, No. 49). Submitted to OAL for printing only pursuant to Education Code Section 70901.5(b).

