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Survey of certification requirements for physical education teachers in the United States

Cecil Carwin Deming

The University of Montana

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A SURVEY OF CERTIFICATION REQUIREMENTS
FOR PHYSICAL EDUCATION TEACHERS
IN THE UNITED STATES

by

CECIL C. DEMING
B. A., Montana State University, 1948

Presented in partial fulfillment of the requirements for the degree of
Master of Education

MONTANA STATE UNIVERSITY
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Approved by:

[Signatures and dates]
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>II. CERTIFICATION REQUIREMENTS IN EACH STATE</td>
<td>4</td>
</tr>
<tr>
<td>III. DISCUSSION OF MINIMUM PHYSICAL EDUCATION REQUIREMENTS</td>
<td>126</td>
</tr>
<tr>
<td>IV. COMPARISON OF SALARIES AND CERTIFICATION REQUIREMENTS</td>
<td>131</td>
</tr>
<tr>
<td>V. SUMMARY</td>
<td>136</td>
</tr>
<tr>
<td>BIBLIOGRAPHY</td>
<td>139</td>
</tr>
</tbody>
</table>
# LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Minimum Physical Education Requirements for</td>
<td>123</td>
</tr>
<tr>
<td>Secondary Teachers of Physical Education</td>
<td></td>
</tr>
<tr>
<td>II. Minimum Education Requirements for Secondary</td>
<td>124</td>
</tr>
<tr>
<td>Teachers of Physical Education</td>
<td></td>
</tr>
<tr>
<td>III. Minimum Physical Education Requirements to</td>
<td>125</td>
</tr>
<tr>
<td>Teach Physical Education in High School</td>
<td></td>
</tr>
</tbody>
</table>
CHAPTER I
INTRODUCTION

This study is being made with the hope that it will aid physical education teachers have insight into their own qualifications and to find out how their qualifications compare with the certification requirements of other states. Another reason is to find out what the present trends in regard to better certification are.

A physical education teacher, as referred to throughout this paper, is one who assists in organizing and administering the health and physical education program; teaches health, physical education skills and techniques, safety and first aid, and works with corrective activities.

Physical education is important to everyone. The physical inadequacies of men entering the armed forces during the last world war points very significantly to the need for our schools to teach physical education.

The deficiencies in physical education programs were clearly brought out in World War II. One of the major revelations of the war was the lack of physical fitness of a large percentage of men inducted into the military service. Widespread physical fitness tests administered in the armed services showed an alarming lack of strength, particularly of the arms and shoulder girdle. Forty eight per cent of the inductees into the Army Air Forces were in poor or very poor condition. It was necessary to improve the physical fitness status of Army Air Forces personnel as much as ninety per cent beyond entrance condition in order that they could meet minimum physical fitness standards. Both the Army and Navy also found
that a large percentage of inductees were in very poor condition.\footnote{Karpovich, Peter V., and Weiss, Raymond A., "Physical Fitness of Men Entering the Army Air Forces," \textit{Research Quarterly}, October, 1946. p. 186.}

In order to bring about a desired kind of health and physical education program, sound standards of certification should be developed in all states.

This study is important in that it shows very definitely some reasons why teachers as a whole are not professional. A number of things need consideration before a group can be considered professional:

1. From one angle, a profession is a psychological, subjective phenomenon. It exists in the minds of people. First, it exists in the minds of the public, the people outside the profession. And then, a profession must exist in the minds of the people who are in it. To begin with, teachers have had to change their own concept of teaching. Teachers permitted the idea to develop that almost anyone could teach. They now insist upon a concept of teaching as a professional service which requires exceptional kinds of personal qualities, highly specialized skills, and a combination of general and technical preparation.

2. The second aspect of professionalization is that any calling, to become a profession, must restrict membership by established standards. Such standards build pride, morale, and ethical conduct. In a profession there are standards set for entrance, and these standards mean something.

3. The third mark of professionalization is that the public recognizes that the practitioner has a peculiar stock in trade, a unique degree of competence in doing something that is recognized as valuable and that cannot be done by everyone.

4. A profession must seek improvement for the welfare of its members and build a professional climate. Through
adequate salaries, tenure, good working conditions, provisions for retirement, the teacher is able to give his full energies to his instructional duties and his professional obligations.2

The majority of the information reported here was received from forty-six State Departments of Education, either by letter or state certification pamphlet. Iowa and Connecticut did not reply.

This study has to do with the certification of teachers of physical education only, and particularly those who serve the secondary field.

Chapter Two will have to do with the breakdown of the required courses for certification to teach physical education in each state. A pattern has been set up which will be explained as an introduction to that chapter.

Chapter Three will be a discussion of the tendency of states to group themselves into certain areas with the same, or approximately the same, requirements. Also a discussion of the extremes of certification will be presented.

Chapter Four will have to do with a comparison of certification standards in each state and the average salary paid. Also a discussion of the relationship of these, if any, will be presented.

Chapter Five is the summary chapter.

CHAPTER II

CERTIFICATION REQUIREMENTS IN EACH STATE

In this chapter an attempt has been made to give all the certification requirements for secondary teachers of physical education in each state of the United States. Each state's requirements, as far as possible, have been broken down into general statements pertaining to all certificates in that state; then the general, education, and physical education requirements for a specific certificate have been given.

Some of the requirements are given in quarter hours and some are given in semester hours. Thus the procedure for changing one to the other becomes pertinent here. To change quarter hours to semester hours, multiply the number of quarter hours by three-halves ($\frac{3}{2}$); to change semester hours to quarter hours, multiply the semester hours by two-thirds ($\frac{2}{3}$).

The Superintendent of Public Instruction in two states, Connecticut and Iowa, did not reply, but forty-six states make a good sampling.

Each state is reported alphabetically.

The requirements are State Department, not university, requirements.

-4-
General Regulations Governing the Issuance of Alabama Certificates

1. The regulations here replace all regulations and policies announced prior to September 1, 1943.
2. Every person who teaches a child or children of school attendance age, or who receives any part of his remuneration from public school funds, whether he teaches in a public, private, or parochial school, is required to hold a valid Alabama teacher's certificate. Likewise, every person who serves as superintendent, supervisor, principal, or attendance officer is required to hold a valid Alabama teacher's certificate.
3. A uniform fee of two dollars ($2.00) is required for the issuance or reinstatement of an Alabama teacher's certificate, remittance of which amount should be made by postal money order or bank cashier's check payable to the State Superintendent of Education. No fee is required for the continuance of a conditional permanent certificate from the date of lapse upon the basis of experience or credits earned during the most recent period of its validity.
4. A person who meets requirements for two types of certificates on the same credits may obtain both certificates upon payment of two fees, though the two certificates must bear the same date of issuance.
5. No person under seventeen years of age is eligible to receive an Alabama teacher's certificate.
6. Each application for a certificate must be submitted by the president, dean, or registrar of the recommending institution on a transcript blank furnished by the State Department of Education. Any person interested in applying for a certificate may obtain a copy of this blank upon request.
7. All credits submitted on prescribed application forms must be retained in the permanent files of the Department of Education. Transcripts cannot, therefore, be returned to applicants nor can certified copies of credits be furnished.
8. A complete transcript of all credits earned at the institution recommending the certificate and accepted through transfer must be presented on the prescribed blank each time an application is submitted for a certificate of higher rank on the basis of undergraduate credits. Only graduate credits need be submitted when a complete transcript of credits leading to the bachelor's degree has previously been sent to the State Department of Education.
9. If a person who has obtained a degree from a standard college or university earns additional credits in another standard institution following graduation, the second institution will be expected to submit on the prescribed blank only the credits earned in that college or university after the degree was received.

10. Credits earned in several institutions prior to graduation with a bachelor's degree may not be evaluated in the State Department of Education when submitted by the different institutions as an application for an Alabama teacher's certificate. If an application is submitted prior to graduation with a bachelor's degree on credits earned in more than one institution, all the credits must be transferred to a standard college or university which the applicant has attended or expects to attend, the applicant must be classified at that institution in a curriculum that is approved for the training of teachers; and a complete transcript, including transferred credits, must be sent to the State Department of Education.

11. No college or university may make recommendation for any certificate unless the applicant has earned in residence as a full time student thirteen and one-half quarter hours or nine semester hours of credit in that institution since recommendation was made by that institution or some other institution for certificate of lower rank.

12. No college or university may make recommendation for a certificate to be based on a degree from that institution unless the applicant has met all requirements for the degree, including the residence requirement of the institution.

13. An application for the first issuance of a certificate may be submitted at any date following completion of the work, though requirements that are in effect at the time of the submission of the application must be met.

14. Credits presented for the issuance of a certificate may include those which have been previously used for the issuance or reinstatement of some certificate of lower rank, supplemented by the necessary additional credits.

15. An institution that has recommended the issuance of a certificate upon completion of an approved course of study may not recommend the issuance of a certificate of higher rank on additional credits, all of which were earned in some other institution or institutions. In such a case, thirteen and one-half quarter hours or nine semester hours of residence credit must be earned at the recommending institution during the last year of study, or since the last certificate was issued.
16. A standard institution is a college or university which is above the rank of high school and which has membership in, or has been approved by, a national accrediting agency or the accrediting agency of the region in which the institution is located. State universities, state departments of education, and graduate schools of accredited institutions are not recognized as accrediting agencies.

17. A graduate of a non-standard institution must receive a bachelor's or a master's degree from a standard institution approved for the training of teachers before an application for a teacher's certificate will be considered.

18. An approved curriculum is one which is approved by the State Board of Education for the training of teachers, or, in the case of an out-of-state institution, a curriculum which is equivalent to the approved curriculum.

19. An applicant for a certificate must meet the minimum requirements of the State Board of Education as well as the curriculum approved for the institution submitting the application.

20. An approved subject is any subject ordinarily taught in the public schools of this state.

21. A major or a minor is an approved subject in which an applicant for a certificate has a prescribed minimum of credit. Unless otherwise specified a "major" and a "minor" as teaching fields require a minimum of 36 quarter hours and 27 quarter hours respectively. Exceptions are Social Studies, Natural Sciences, and English, which require 45 quarter hours for a major.

22. Residence credit, for certification purposes, is credit earned through study on the campus of an institution, during which time the person is a full time student and carries a normal load of work.

23. Extension credit is credit earned through approved extension courses with Alabama institutions approved for the training of teachers. Not more than twenty-five per cent (25%) of the credit acceptable toward the fulfillment of the requirements for a certificate may be extension and/or correspondence credit.

24. Experience is service as a full time or as a substitute teacher in public schools, in approved teacher-training institutions, or in private and parochial schools that are approved by the department of education of the state in which they are located.

25. Credits to be accepted for the reinstatement of expired certificates must be earned within three years of the date of the new certificate.
26. Certificates issued in other states may not be transferred or validated as the authority of their holders to teach in Alabama schools.

27. No certificate will be issued to a person who does not have a scholastic average of one grade above the passing level required by the college submitting the application.

Class B Secondary Professional Certificate

General Requirements

1. Must have graduated with a bachelor's degree from a standard institution and meet requirements as prescribed by the State Board of Education for the training of secondary teachers.

2. That he has earned prescribed credits as follows:
   a. English - Eighteen quarter hours which must include nine quarter hours in English Grammar and Composition.
   b. Social Studies - Eighteen quarter hours which must include courses, each of which has a credit value of six quarter hours in at least two of the following fields: History, Economics, Political Science, Sociology, or Geography.
   c. Science - Eighteen quarter hours and must include a full year course in a Biological Science and a Physical Science.

Education Requirements

At least 36 quarter hours to be distributed as follows:

1. Psychology - 9 to 15.
2. Principles and Philosophy - 6 to 9.
3. Materials and Methods of Teaching Major or Minor Subjects in High School - 3 to 9.
4. Directed Teaching of Major or Minor Subject in High School - 4½ to 12.
5. Electives in the field of Secondary Education — 0 to 15.

Physical Education Requirements

1. Thirty-six to forty-five quarter credits for a major in physical education.
2. An academic minor of 27 quarter hours in an approved subject.¹

When making application for certification apply to: State Department of Public Instruction, Montgomery, Alabama.

¹State Regulations for Certification of Teachers, State Department of Public Instruction, Montgomery, Alabama.
General Statements Regarding Teacher Certification in Arkansas

1. How to apply for a Certificate:
   a. Obtain application blank from State Department, Little Rock, Arkansas and fill out completely.
   b. Enclose official transcript (bearing original signature of registrar and seal of college) of all college credits you have earned.
   c. For new certificates and renewal of certificates which have been allowed to lapse, enclose money order or check made payable to the State Treasurer of Arkansas or $2.00 cash.

Requirements for the Secondary Certificate

General Requirements

1. Bachelor's degree required and must include the following courses:
   a. English - 12 semester hours.
   b. Social Studies - 12 semester hours.
   c. Science - 12 semester hours.
   d. Physical Education, Health and Safety - 6 semester hours.

Education Requirements

1. Eighteen semester hours including the following courses:
   a. Introduction to Education.
   b. Educational or Adolescent Psychology.
   d. Five semester hours of Directed Teaching - three years of teaching experience waives this requirement.

Physical Education Requirements

1. Minimum of 25 semester hours distributed as follows:
   a. Physical Education - 3 semester hours.
   b. Anatomy or Physiology - 3 semester hours.
   c. Health and Safety - 2 or 3 semester hours.
   d. Methods and Materials in Health and Physical Education for Secondary Schools. (This could
also be used to meet part of the professional requirement.) - 3 semester hours.

e. Administration of Health and Physical Education - 3 semester hours.

f. Theory and Practice of Athletic Coaching - 4 semester hours.

g. Principles of Physical Education - 3 semester hours.

h. Direction of School and Community Recreation - 3 semester hours.  

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2 State Regulations for Teacher Certification, State Department of Education, Little Rock, Arkansas.
State of Arizona

Requirements for Pre-Secondary Certificates

General Requirements

1. An Oath of Allegiance is required.
2. A negative chest x-ray report made within the six-month period just prior to application for certification must be presented before certificate is issued.
3. Certificates are required for teaching in public Elementary, Secondary and Junior Colleges.
4. The minimum age for issuance of a certificate is 18. Maximum age is 65.
5. Applicants must be citizens of the United States. First papers are not acceptable.
6. Official verification of 2 years actual teaching experience on the grade level of the certificate may be substituted for the practice teaching requirement. However, the experience must have been within the seven year period immediately preceding issuance of certificate.
7. Pre-Secondary Certificates shall be granted to holders of the Bachelor's degree from any accredited college or university, authorized to prepare teachers, who shall present, in addition, evidence of the satisfactory completion of not less than 6 semester hours of graduate work acceptable toward an advanced degree at an accredited institution.
8. The Pre-Secondary Certificate shall be valid for two years and shall entitle the holder to teach in grades 7 to 12, inclusive.
9. When making an application for a certificate, write to: Mr. M. L. Brooks, Superintendent of Public Instruction, Department of Public Instruction, Capitol Building, Phoenix, Arizona.

Education Requirements

Eighteen semester hours in Education and Psychology appropriate to secondary school teaching including these required courses:
1. Psychology.
2. Educational Psychology.
4. History or Philosophy of Education.
1. At least 5 semester hours of directed practice teaching in grades 7 to 12 inclusive.
2. School and Community Health.
3. United States and Arizona Constitutions.

Physical Education Requirements

A major of not less than twenty-four semester hours and a minor of not less than fifteen semester hours in subjects usually taught in high schools.

Requirements for Secondary Certificates

General Requirements

The same general requirements here as for the Pre-Secondary Certificate with the exception of number 7 and 8. Changes are:

1. Secondary Certificates shall be granted to holders of the Bachelor's Degree from the University of Arizona or the Arizona State Colleges, or from any other accredited university or college authorized to prepare teachers, who shall present, in addition, a Master's Degree or evidence of the satisfactory completion of not less than 30 semester hours of graduate work acceptable toward an advanced degree at an accredited institution.

2. The Secondary Certificate shall entitle the holder to teach in grades 7 to 12, inclusive, and are valid for four years.

Educational Requirements

Twenty-four semester hours in Education and Psychology appropriate to secondary school teaching, including these required courses:

1. Psychology.
2. Educational Psychology.
3. Philosophy or History of Education.
7. At least 5 semester hours of directed practice teaching in grades 7 to 12, inclusive.
8. At least 6 semester hours of graduate work in the field of Education.
10. United States and Arizona Constitution.
Academic Physical Education Requirements

Same requirements as for the Pre-Secondary Certificate. ³

³State Regulations Governing Issuance of Teaching Certificates in Arizona, Department of Public Instruction, Phoenix, Arizona.
State of California

General Statements Regarding Certification in California

1. When making an application for certification in California do the following:
   a. Send a notarized application to Commission of Credentials, State Department of Education, Sacramento, California.
   b. Send a health certificate signed by a physician licensed by any state to practice medicine and surgery.
   c. A fee of $4.00 in the form of a money order or certified check.
   d. Original letters verifying the last two years of teaching experience, if any.
   e. Official transcripts of record listing all college and university courses completed.

Requirements for the Special Secondary Credential in Physical Education

General Requirements

1. A bachelor's degree granted by an institution accepted for credentialing purposes by the California State Board of Education.
2. Forty (40) semester hours of general education, including the following:
   a. Twelve semester hours of sciences basic to physical education.
   b. Six semester hours of practical and fine arts, such as art, music, homemaking, health education, industrial arts and similar fields.
   c. Six semester hours in social sciences.
   d. Six semester hours in communicative arts, such as languages, literature, speech arts, and similar fields.

Courses offered in the fulfillment of the general education requirements may also be applied toward the fulfillment of major and minor requirements, provided the courses are within the same subject field as the major and minor.

Education Requirements

1. Twenty-two semester hours of professional work in education, including each of the following areas:
   a. The scope and function of elementary and
secondary school education and the role of public education in our American democracy.

b. The learner in society; education for leisure; directed observation of pupils in school and community activities.

c. Curriculum development; general methods; the role of the teacher in guidance; the school community health program; evaluation of instruction.

d. Six semester hours of directed teaching in physical education in grades 7 through 12. At least half of the experience should be in the 7th and 8th grades. Successful teaching experience in public or private schools of equivalent status may be substituted for directed teaching at the rate of one year of full time teaching for one-half of the requirement.

**Physical Education Requirements**

1. Thirty-six semester hours in a physical education major, including each of the following areas:

   a. Principles of physical education, including historical background.

   b. A core of applied sciences basic to movement, including kinesiology, physiology of exercise, adapted activities and the health aspects of the physical education program.

   c. Methods of teaching a variety of activities and the applicant shall possess individual proficiency in each of them. Such proficiency to be determined by the teacher education institution or verified in writing by the Superintendent of schools by whom the applicant has been most recently employed. (1) Aquatics, (2) Rhythms and dance, (3) Games and relays, including social recreational activities, (4) Individual and dual sports, (5) Team sports, (6) Gymnastics such as stunts, tumbling, and apparatus, (7) Individual adapted activities, (8) Combatives suitable for boys in secondary schools.

   d. Organization and conduct of physical education.

   e. Curriculum materials and evaluation procedures in elementary and secondary school physical education, including directed observation and field experience.
f. Role of the physical education teacher in recreational education.4

4State Regulations for Teacher Certification, State Department of Education, Sacramento, California.
State of Colorado

General Statements Regarding Certification of Teachers in Colorado

1. Colorado has no reciprocal agreement with other states regarding certification.
2. A teacher who does not hold and is not eligible for a Colorado certificate may not legally contract for a position in Colorado public schools.
3. The State Department of Education does not maintain a placement bureau.
4. There is no statewide salary scale. Salaries are determined by the local school districts.
5. When making an application for a certificate, write to: Miss Eleanor Casebolt, Director of Certification, or Dr. George F. Walters, Director of Accreditation, State Department of Education, State Capitol Building, Denver, Colorado.

Requirements for Certificates for Teaching Physical Education

General Requirements

1. The applicant must be a graduate of a standard four-year high school or must have had educational training equivalent to such a course.
2. In addition to the foregoing, two years, 90 quarter hours, of collegiate training are required. This training must have been completed in accredited institutions of higher learning.

Education Requirements

1. Teaching experience does not take the place of professional training. It may be substituted only for the practice teaching requirement. It may not be included in the over-all number of hours required.
2. At least 15 quarter hours of credit in education must be included in the collegiate training as follows:
   a. Psychology - 3 semester hours.
   b. Practice Teaching - 3 quarter hours.
   c. Methods of teaching as are applicable to the subject - 9 semester hours.

Physical Education Requirements - 46 quarter hours

1. Corrective Gymnastics - 3 quarter hours.
2. History of Physical Education - 3 quarter hours.
3. Methods in Formal Activities - 2 quarter hours.
5. Practice Work in Formal and Play Activities - 5 quarter hours.
6. Organization and Administration - 3 quarter hours.
7. Hygiene and First Aid - 6 quarter hours.
8. Physiology - including Physiology of Exercise - 6 quarter hours.
9. Biology - 3 quarter hours.
10. Anatomy and Kinesiology - 6 quarter hours.
11. Physical Examination - 3 quarter hours.
12. Methods of Health Education - 1 quarter hour.

5State Regulations for Teacher Certification, State Department of Education, 127 Capitol Building, Denver, Colorado.
State of Delaware

Requirements for a Certificate in the Special Branches of Art, Music, or Physical and Health Education

General Requirements

1. No person shall be employed as superintendent of schools, supervisor, principal, or teacher, nor shall any salary be paid to such person unless he or she shall hold a certificate issued by the State Board of Education of the kind and grade required for the position; provided, that no person who has been holding a position as superintendent, supervisor, principal, or teacher since July 1, 1951, shall be removed from such position by virtue of holding a regular certificate of lower grade than that required by these rules.

2. The applicant must be of good moral character.

3. Every applicant for a certificate shall fill out and file a registration blank which must be accompanied by a recent photograph and a transcript of credits from the college or university from which he graduated. No credit for certification will be given for any college course in which the applicant has received a grade of "D".

4. A certificate from a legally qualified physician showing that the applicant is free from any disease or physical defect or emotional instability that will interfere with his or her success as a teacher, shall be filed by the applicant, and may be required for the renewal of a certificate.

5. One year of successful experience in teaching is to be considered equivalent to the usual practice teaching now given in normal schools or colleges.

6. No teacher's certificate will be issued to any applicant under twenty years of age nor will any certificate be issued to or renewed for any teacher over 70 years of age.

7. All certificates shall be valid throughout the state for a period of five years, renewable for five year periods on evidence of successful experience and professional spirit except as otherwise noted, beginning July 1, 1950, except that the first, second, and third grade Delaware certificates are renewable for three year periods on evidence of successful experience and six semester hours of additional preparation.

8. Holders of certificates from other states applying for certification in Delaware must comply with the following rules:
a. In order that a Certificate may be renewed under the regular conditions set forth, its holder must have taught the year immediately preceding the date of expiration. If not, the same conditions for renewal will obtain as for the renewal of a lapsed certificate. Provided, however, that if the rating of the holder for the year immediately preceding the date of expiration is "D" then the certificate may be renewed for only one year. All other certificates may be renewed upon evidence of professional spirit and successful experience, provided that such professional spirit shall be shown by having complied with the following condition within the five years immediately preceding the date of renewal. Completed satisfactorily in a standard institution at least six semester hours of professional or academic training. Two semesters of graduate work which can be credited toward a master's degree or a higher degree by the institution in which the work is done may be regarded as the equivalent of three semester hours of undergraduate work.

b. First, Second, or Third Grade Elementary Certificate, or a Class "B" Certificate in special subjects, obtained under former rules not requiring a bachelor's degree, which has been permitted to lapse since June 30, 1932, may be renewed, provided the holder has received an "A" or "B" rating, upon the completion of a refresher course to be provided by the University of Delaware, of not less than six semester hours.

(1) A teacher's certificate of any other class which has been permitted to lapse since June 30, 1932, may be renewed provided the holder has received an "A" or "B" rating, on the completion of six semester hours of additional preparation, the courses to be selected on the recommendation of the teacher's immediate administrator and of the State Superintendent of Public Instruction.

c. (1) A teacher who has never held a Delaware certificate but whose preparation and experience are equivalent to those of C-1 above may be issued a Provisional Certificate for one year, provided that he undertakes a program and a schedule for the completion of said program approved by the State Superintendent for the completion of the work required for
his bachelor's degree which has been outlined by the teacher training institution in which the professional work is being carried on. This Provisional Certificate may be renewed from year to year upon the completion of at least six semester hours of the work outlined in the applicant's program.

(2) A teacher who has never held a Delaware certificate but whose preparation and experience are equivalent to those of C-2 above may be issued a Provisional Certificate for one year, to be made regular for the second year on evidence of successful experience and the completion of six semester hours of additional preparation, the courses to be selected on the recommendation of the teacher's immediate administrator and of the State Superintendent of Public Instruction.

(3) A provisional certificate may be issued for one year to a teacher who has been prepared to teach in the secondary field and who wishes to transfer to the elementary field upon agreement with the State Superintendent that the applicant will immediately embark upon and complete a program for full certification as outlined by the State Superintendent. This certificate may be renewed each year upon completion of at least six semester hours of the above program.

9. No credits by correspondence work will be approved for any certificate nor for the renewal of any certificate unless accepted by an accredited institution for a degree.

10. For the issuance of original certificates no fee is charged. For a duplicate, however, a charge of $1.00 is made.

11. Recognizing the special value of exchange teachers between states or foreign countries, the State Superintendent of Schools is hereby authorized to issue a permit to teach in the schools of Delaware to a person or persons legally qualified to teach in their own state or country for a period of two years, provided similar recognition is granted to holders of Delaware certificates to teach as exchange teachers in such other states or foreign countries.

12. Must be a graduate of a standard college or university.

13. When making an application for a certificate, write to: State Superintendent of Public Instruction, State Department of Public Instruction, State Capital, Dover, Delaware.
Education and Physical Educational Requirements

The applicant must have specialized in the particular branch for which the certificate is issued to the extent of at least sixty (60) semester hours, including at least six (6) semester hours in methods of teaching his particular specialty in both high and elementary school, six (6) semester hours in practice teaching, and nine (9) semester hours in professional subjects, which may include philosophy of education, principles of education, introduction to teaching, educational or adolescent psychology.

Teachers holding high school certificates in specific subjects may be permitted to teach one class in any other subject in which they have had at least six (6) semester hours of college credit, or two classes in any subject in which they have had at least twelve (12) semester hours of college credit.°

°State Regulations Governing the Issuance of Teaching Certificates in Delaware, State Department of Public Instruction, Dover, Delaware.
State of Florida

Requirements for Temporary Certificate

General Requirements

1. Oath to U. S. Constitution.
2. Age -- 20 years.
4. For persons unable to meet the requirements prescribed for one of the regular certificates, a "Temporary Certificate" may be granted on 60 or more semester hours of credit from accredited or non-accredited institutions. In general, the same general preparation, professional preparation, and specialization prescribed for the Graduate Certificate will be considered ideal but considerable variation will be allowed. Subjects shown on certificates will be determined by the State Department of Education.
5. Valid in grades 7-9 for one year.

Requirements for Provisional Graduate Certificate

General Requirements

1. Four year graduation from a standard institution.
2. Oath to U. S. Constitution.
3. Age -- 20 years.
5. Recency of credit (may be waived if the applicant has taught continuously for the last five years).
6. When making an application for a certificate, write to: Thomas D. Bailey, Superintendent of Public Instruction, State Department of Public Instruction, Tallahassee, Florida. Fee, $3.00.
7. A minimum of 39 semester hours from the following five (5) areas with at least six (6) but not more than twelve (12) hours in each area:
   a. Arts of Communication (reading, writing, speaking, English, speech).
   b. Human Adjustment (health, physical education, psychology, religion, etc.).
   c. The Biological and Physical Sciences, Mathematics (in no case may entire amount be presented from Mathematics).
   d. Social Studies (credit in at least two social studies subjects).
e. Humanities and Applied Arts (credit in at least two areas -- humanities, literature, art, music, technological arts, etc.).

8. Valid to teach in grades 7-12 for 3 years and cannot be extended or reissued.

Education Requirements

A total of twenty (20) semester hours is required but applicants for a Provisional Graduate Certificate may lack six (6) of twenty (20) semester hours provided the practical experience is met. The credits are to be distributed as follows:

1. Six (6) semester hours Foundations of Education.
2. Six (6) semester hours in courses dealing with Teaching in Secondary School and/or Elementary School (at least 3 hours must be taken at secondary level).
3. Two (2) semester hours Special Methods in Secondary School in one of the subjects to be shown on the certificate.
4. Six (6) semester hours in approved college internship program or six (6) semester hours in observation and practice teaching or 3 years actual public school teaching experience or a combination of three (3) semester hours in observation and practice teaching and two (2) years' teaching experience.

Physical Education Requirements

Thirty semester hours in Physical Education.

Requirements for the Graduate Certificate

General Requirements

1. Same as for the Provisional Graduate Certificate.
2. Same as for the Provisional Graduate Certificate.
3. Same as for the Provisional Graduate Certificate.
4. Same as for the Provisional Graduate Certificate.
5. Same as for the Provisional Graduate Certificate.
6. Same as for the Provisional Graduate Certificate.
7. A minimum of 45 semester hours from the following 5 areas with at least 6 but not more than 12 hours in each area:
   a. Arts of Communication (reading, writing, speaking, English, speech).
   b. Human Adjustment (health, physical education, psychology, religion, etc.).
   c. The Biological and Physical Sciences, Mathematics (in no case may entire amount be presented from Mathematics).
d. Social Studies (credit in at least 2 social studies subjects).
e. Humanities and Applied Arts (credit in at least 2 areas -- humanities, literature, art, music, technological arts, etc.).

8. Valid for five (5) years in grades 7-12 and may be extended.

Education Requirements

A total of twenty (20) semester hours as follows:

1. Six (6) semester hours Foundations of Education.
2. Six (6) semester hours in courses dealing with Teaching in Secondary School and/or Elementary School (at least 3 hours must be taken at the secondary level).
3. Two (2) semester hours Special Methods in Secondary School in one of the subjects to be shown on the certificate.
4. Six (6) semester hours in approved college internship program or six (6) hours in observation and practice teaching or three (3) years actual public school teaching experience or a combination of three (3) semester hours in observation and practice teaching and two (2) years' experience.

Physical Education Requirements

Thirty (30) semester hours in physical education.

Requirements for the Provisional Post Graduate Certificate

General Requirements

1. Master's degree from a standard institution.
2. Same as for the Provisional Graduate Certificate.
3. Same as for the Provisional Graduate Certificate.
4. Same as for the Provisional Graduate Certificate.
5. Same as for the Provisional Graduate Certificate.
6. Same as for the Provisional Graduate Certificate.
7. Same as for the Provisional Graduate Certificate.
8. Same as for the Provisional Graduate Certificate.

Education Requirements

Same as for the Provisional Graduate Certificate.

Physical Education Requirements

Thirty (30) semester hours in physical education.
Requirements for the Post Graduate Certificate

General Requirements

1. Same as for the Provisional Post Graduate Certificate.
2. Same as for the Provisional Graduate Certificate.
3. Same as for the Provisional Graduate Certificate.
4. Same as for the Provisional Graduate Certificate.
5. Same as for the Provisional Graduate Certificate.
6. Same as for the Provisional Graduate Certificate.
7. Same as for the Graduate Certificate.
8. Valid to teach for ten (10) years in grades 7-12 and may be extended.

Education Requirements

Same as for the Graduate Certificate.

Physical Education Requirements

Thirty (30) semester hours in physical education.

Requirements for the Advanced Post Graduate Certificate

General Requirements

1. Earned Doctor's degree from standard institution.
2. Same as for the Provisional Graduate Certificate.
3. Same as for the Provisional Graduate Certificate.
4. Same as for the Provisional Graduate Certificate.
5. Same as for the Provisional Graduate Certificate.
6. Same as for the Provisional Graduate Certificate.
7. Same as for the Graduate Certificate.
8. Same as for the Post Graduate Certificate.
9. Three years successful experience as teacher, supervisor or administrator in immediate past five year period.

Education Requirements

Same as for the Graduate Certificate.

Physical Education Requirements

Thirty (30) semester hours in physical education.

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State Regulations Governing Issuance of Teaching Certificates, State Department of Public Instruction, Tallahassee, Florida.
General Statements Regarding Certification of Secondary Teachers in Georgia

1. The teacher should hold a professional certificate for the field in which a major part of his work is done. In general he should supplement his major field with a minor or at least 20 quarter hours in dramatics, journalism, library service, art, music, or other areas in which the school curriculum needs enrichment.

Education Requirements - None specified.

Physical Education Requirement

Forty-five quarter hours in Health and Physical Education including problems in health, physical education, recreation and safety.
A coach or teacher of physical education, who teaches in another field during the school day, should hold the professional certificate in this field and at least a minor of 20 quarter hours in health and physical education and in coaching methods.

These minimum requirements include the general education.

When making an application for a certificate, write to: State Department of Public Instruction, Atlanta, Georgia.

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State Regulations for Teacher Certification, State Department of Public Instruction, Atlanta, Georgia.
Requirements for the Standard High School Certificate

General Requirements

A Standard High School Certificate may be issued by the State Board of Education to any person of good moral character who has a Bachelor's Degree from an accredited college or university and in addition has other professional and academic work described here.

Education Requirements

1. A minimum of 20 semester hours (30 quarter hours) in education applicable to secondary education which must include the separate requirements listed below, and of which not less than ten semester hours must be in items b, c, d, and e.
   a. Three semester hours (five quarter hours) of high school practice teaching.
   b. Two semester hours (three quarter hours) of educational psychology and the study of growth and development of the secondary school pupil.
   c. Two semester hours (three quarter hours) in the backgrounds of public education, historical, sociological and philosophical.
   d. Two semester hours (three quarter hours) in the principles of theory of secondary education.
   e. Two semester hours (three quarter hours) in the methods of secondary school instruction.

Physical Education Requirements

All high school certificates will state thereon the two subject fields, in each of which, the recipient has at least fifteen semester hours (23 quarter hours).

Requirements for the Advanced High School Certificate

General Requirements

An Advanced High School Certificate may be issued by the State Board of Education to any person of good moral character who meets the requirements for the Standard High School Certificate and in addition has:
1. A Master's Degree, or not less than 30 semester hours (45 quarter hours) of credit applicable toward a Master's Degree, which must include:
   a. Eight semester hours (twelve quarter hours) in educational subjects.
   b. Eight semester hours (twelve quarter hours) in a teaching field or subject of educational service.

When making an application for a certificate, write to: State Department of Public Instruction, Boise, Idaho.

—State Regulations for Certification of Teachers, State Department of Public Instruction, Boise, Idaho.
General Statements Regarding Teacher Certification in Illinois

1. No one shall be certificated to teach or supervise in the public schools of the state of Illinois who is not of good character, good health, a citizen of the United States and at least nineteen years of age. No one shall teach or supervise in the public schools nor receive for teaching or supervising any part of any public school fund, who does not hold a certificate of qualification granted by the Superintendent of Public Instruction or by the State Teacher Certification Board and a County Superintendent of Schools.

2. If evaluation of credits by the Certification Board is desired then the applicant should send credits on our institutional credit blank forms to the Secretary of the State Teacher Certification Board, Centennial Building, Springfield, Illinois, and the applicant will be notified as to his or her status. These forms will be sent upon request.

3. Illinois has no certificating reciprocity with other states. All certificates issued in Illinois are based on the preparation which the applicant has had and not on any certificates he may hold or experience he may have had.

4. A fee of one dollar ($1.00) is required by law for the issuance of a certificate, but no fee shall be charged for the application. After July 1, 1952 a fee of $2.00 shall be charged for the registration or renewal of a certificate.

Requirements for the Limited State High School Certificate

General Requirements

1. Limited State High School Certificates, valid for four years of teaching in grades seven to twelve of the common schools, renewable in periods of four years upon successful teaching and professional growth satisfactory to the county superintendent of schools.

2. The major and minor should be in separate areas or subjects. Three minors will be accepted in lieu of one minor and one major.

3. This certificate may be issued to graduates of a recognized college with a bachelor's degree, who present certified evidence, accompanied by faculty recommendation, of having earned the credentials given here.
General Requirements - 35 semester hours

1. English, including Oral and Written Expression - 8 semester hours.
2. Natural Science - 6 semester hours.
3. Social Science (including a course in American history or Government) - 6 semester hours.
4. Humanities - 6 semester hours.
5. Health and Physical Education - 3 semester hours.
6. Additional work in any of the above fields - 6 semester hours.

Education Requirements - 16 semester hours.

1. Adolescent Growth and Development or Educational Psychology - 2 to 3 semester hours.
2. Principles, or Philosophy of Education (including the study of professional ethics) - 2 to 3 semester hours.
3. Student Teaching (High School level) - 5 semester hours.
4. Materials and Methods in the Secondary School - 2 to 3 semester hours.
5. American Public Education - 2 to 3 semester hours.
6. Electives - 3 semester hours.

Physical Education Requirements

1. A major of 32 semester hours or a minor of 16 semester hours.10

State of Indiana

Requirements for Certification of Health, Physical Education or Recreation Teachers in Indiana

A. Health and Physical Education

Credit for 40 semester hours distributed as follows:

1. Approximately three-eighths of the hours in health and safety education with a minimum of 2 hours in each of these subjects: zoology or animal biology, first aid and safety, personal and community hygiene, organization and administration of school health program, physiology and human anatomy.

2. Approximately one-half of the hours in physical education, with a minimum of 2 hours in each of these subjects: Orientation and organization, tests and measurements in health and physical education, highly organized sports, gymnastics (tumbling, apparatus tactics, calisthenics, body mechanics, individual athletic events), activities for the elementary grade.

3. Approximately one-eighth of the hours in public recreation shall include crafts, dramatics, music, mass or group games.

B. Recreation

Credit for 40 semester hours distributed as follows:

1. Approximately one-half of the hours required from the general and academic fields with distribution approximately as follows:
   a. Social Studies - 6 semester hours.
   b. English and Journalism - 5 semester hours.
   c. Psychology - 3 semester hours.
   d. Natural Science - 3 semester hours.
   e. Public Speaking and Dramatics - 3 semester hours.

2. Approximately one-half in recreational organization, skills, techniques and theory with distribution approximately as follows:
   a. Recreational Organization and Theory - 6 semester hours.
   b. Physical Activities and Techniques - 6 semester hours.
   c. Arts and Crafts - 5 semester hours.
   d. Music - 3 semester hours.

3. Six (6) semester hours of supervised field experience in recreation if taken in addition to the forty semester hours above may be offered in substitution
for special method and supervised teaching required for a high school license.\footnote{State Regulations for Certification of Teachers, State Department of Public Instruction, Indianapolis, Indiana.}

When making an application for a certificate, write to: State Department of Public Instruction, Indianapolis, Indiana.
General Statements Regarding Teacher Certification in Kansas

1. How to make an application for a certificate:
   a. Obtain the form from the Director of Certification and College Accreditation, State Department of Public Instruction, State House, Topeka, Kansas.
   b. Be sure to supply all information requested.
   c. Include a transcript of all college credits.
   d. A one dollar ($1.00) fee is required with the first application.
   e. Ask the Dean of the College of Education where credit was last earned to send a recommendation to: Director of Certification, State Department of Public Instruction, Topeka, Kansas.

2. The state superintendent may accredit out-of-state colleges and universities which are accredited by the state department of education of the state in which the institution is located, provided such institutions are also accredited by the American Association of Colleges for Teacher Education or the National Council for Accreditation of Teacher Education, and by the regional accrediting association in the area in which the institution is located.

3. The last sixty semester hours of credit or any part thereof obtained in fulfillment of the requirements for a Kansas teacher certificate shall be earned within the six years immediately preceding the date of application for such certificate unless otherwise specified or approved by the state board of education.

4. A minimum grade average of "C" is required.

5. Not to exceed thirty semester hours of correspondence credit may be accepted to apply in meeting any certificate requirements after January 1, 1951, provided all credit earned by correspondence prior to January 1, 1951, shall be accepted to apply on certificates issued below the degree level.

6. In all cases where experience is required for the renewal of certificates, such experience must be in full time teaching positions in elementary or secondary schools accredited by the State Department of Education and under regular contract.
Requirements for the Secondary Three Year Certificate

General Requirements

1. The Secondary Three Year Certificate may, at the end of the third year, be renewed for five years, provided the holder makes application for such renewal and presents evidence of two years of successful teaching experience during the period for which the certificate is valid.

2. A three-year certificate renewable for five years valid in any secondary school and grades seven and eight in any elementary school may be issued the applicant who holds a baccalaureate degree.

3. Forty-five semester hours of general education including:
   a. Social Sciences - 10 semester hours.
   b. Literature, Language, Art, Philosophy, or General Religion - 10 semester hours.
   c. Physical and Biological Science (must include courses in both) - 10 semester hours.
   d. Electives in above areas (3 semester hours in general psychology and 5 semester hours of basic courses in history and appreciation of music and art may be included) - 15 semester hours.

Education Requirements

1. Six semester hours directed toward understanding the individual in such courses as educational psychology, child psychology, child development, human growth and development, the nontypical child, guidance, theory of personality, etc.

2. Six semester hours directed toward understanding the school as a social institution, including some emphasis on public and professional relations from such courses as educational sociology, history of education, and philosophies of education.

3. Six semester hours directed toward obtaining competence in instruction at the secondary level which must include at least 3 semester hours in directed teaching.

Physical Education Requirements

Before the requirements here may be recorded you must understand what Kansas does in relation to size of their schools. A Class "C" school has an enrollment of less than 200; A Class "B" school has an enrollment between 200 and 499; Class "A" schools have an enrollment of 500 or more.
1. Class "C" school - Eight semester hours, with three semester hours in the field of health, physiology, first aid or hygiene and five semester hours in the field of physical education, including teaching methods in physical education.

2. Class "B" school - Twelve semester hours, with five semester hours in the field of health, physiology, first aid or hygiene and seven semester hours in the field of physical education, including teaching methods in physical education.

3. Class "A" school - Twenty semester hours, including five semester hours in the field of health, physiology, first aid or hygiene and ten semester hours in the field of physical education, including teaching methods in physical education.\(^\text{12}\)

\(^{12}\text{State Regulations for Teacher Certification, State Department of Education, Topeka, Kansas.}\)
General Statements Regarding Teacher Certification in Kentucky

1. The six (6) hours in Health, Physical Education and Recreation now classified as general education may be included in the thirty (30) semester hours required for a major.

2. Any person presenting a teaching area may qualify to teach an additional subject by presenting twelve (12) semester hours in that subject, the addition of twelve (12) semester hours to the face of any certificate to take place only in cases where the applicant has fulfilled the requirements in general education.

3. The Provisional High School Certificate may be renewed every four years after three years teaching experience, or upon presentation of one half year of standard college or university work of graduate grade, earned since issuance or last renewal of certificate. If the holder fails to teach the three years required for renewal or reissuance, the certificate may be renewed or reissued upon four (4) semester hours of standard college or university work of graduate grade for each year he fails to teach upon the certificate.

4. The high school certificate will be valid in grades seven and eight also.

5. The Standard High School Certificate valid for five years shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of credits showing the completion of the four year curriculum for the training of high school teachers as prescribed by the Council on Public Higher Education, and who, in addition thereto, completes the requirements for a master's degree in a standard school.

6. The Standard High School Certificate may be extended for life upon three years teaching experience during the life of the certificate. If the holder fails to meet the requirements for life extension before the certificate expires, the certificate may be reissued or renewed for five years upon two years teaching experience during the life of the certificate, or upon six (6) semester hours of additional work of graduate grade for each of the two years he failed to teach upon the certificate.
Requirements for the Provisional High School Certificate

General Requirements

1. A Provisional High School Certificate, valid for four years and valid for teaching Health and Physical Education in the elementary and secondary grades, shall be issued to a person who completes an area of concentration in Health and Physical Education as prescribed by the Council on Public Higher Education and approved by the State Board of Education, who completes the general and professional requirements included in the curriculum for the Provisional High School Certificate, and who completes methods courses on both the elementary and secondary levels.

2. Minimum general requirements - 45 semester hours.
   a. English - 12 semester hours including Oral and Written Composition, Literature, and Speech (a separate course in speech is not required).
   b. Health, Physical Education and Safety - 6 semester hours (may be included in the 30 semester hours required for a major).
   c. Group or Field Requirements - 27 semester hours. Each candidate must present not less than 27 semester hours of credit, distributed among not fewer than 3 or more than 4 fields, with not fewer than 6 semester hours in any field. Two of these groups must be in fields different from the major and minors or area of concentration. One group may be in the same field but not in the same subject as the majors or minors. The fields from which the 27 hours of credit may be selected are:
      (1) Fine Arts (includes dramatics).
      (2) Foreign Language.
      (3) Mathematics.
      (4) Philosophy and Psychology (courses in Psychology submitted in partial fulfillment for professional requirements may not be used to satisfy a group requirement in this subject).
      (5) Science.
      (6) Social Science.
      (7) Vocational Subjects.

   With the approval of the Council on Public Higher Education, an institution engaged in the education of high school teachers may substitute its requirements in general education for the group requirements outlined above.
d. Teaching Majors and Minors.

(1) A major shall require 24 semester hours, except a major in English shall require 30 semester hours, a major in Speech and Dramatics shall require 30 semester hours, and a major in Health and Physical Education shall require 30 semester hours.

(2) A minor shall require 18 semester hours.

(3) Each curriculum shall require: an area of concentration, or two majors, or one major and two minors, or one major and one minor when credit in both is 48 semester hours (54 when English is included as a major).

2. Completion of a Baccalaureate Degree.

Education Requirements - 18 semester hours.

1. Student Teaching - 8 to 9 semester hours. Practice teaching should include actual experience in all phases of a teacher's work with a minimum of 144 class periods of not less than 50 minutes each devoted to the total experiences and with not less than 90 of such class periods in actual observation, participation, and teaching.

2. Other Education Courses - 9 to 10 semester hours. There shall be minimum of nine (9) semester hours of professional courses in addition to student teaching in the following areas:

a. Child Growth and Development - This area should deal with the growth, development and understanding of pupils. The following topics are suggested: study of the process of environment; study of the characteristic behavior of adolescents; study of the techniques of working with adolescents; actual experience in observing and working with adolescents; study of the techniques of analyzing the needs of adolescents.

b. Fundamentals of Secondary Education - This area should consider the materials and methods of the secondary school. The following topics should be considered: ways of discovering teaching problems; ways and means of discovering suitable materials for working on problems; effecting ways of using teaching materials; techniques of evaluating growth; the use of community agencies as they are related to the improvement of teaching;
actual experience in observing and working with adolescents in the training school.

3. Organization and Administration of the Public School System. This area should deal with the total school system. Suggested topics for treatment are as follows: Study of and participation in experience leading to an understanding of principles and practices in the organization and administration of school systems; and/or Audio-Visual Education, and Safety.

Physical Education Requirements

1. A teaching area in health and physical education and recreation shall consist of 48 semester hours.
2. A major requires 30 semester hours.
3. A minor requires 18 semester hours (refer to 2d above).\(^{13}\)

When making an application for a certificate, write to: State Department of Public Instruction, Frankfort, Kentucky.

\(^{13}\)State Regulations for Teacher Certification, State Department of Public Instruction, Frankfort, Kentucky.
State of Louisiana

General Statements Regarding Teacher Certification in Louisiana

1. Certificates of Type A, B, and C shall be based upon graduation in an approved curriculum of four years of general, professional, and specialized education (a minimum of 124 semester hours), with a minimum of 46 semester hours in general education for all teachers; a minimum of 18 semester hours in professional education for high school teachers.

2. All three certificates have the same requirements except the Type "B" certificate requires 3 years of teaching experience and the Type "A" certificate requires 5 years of teaching experience.

Requirements for Secondary Certification in addition to those mentioned above

General Requirements - 46 semester hours.

1. English - 12 semester hours.
2. Social Studies - 12 semester hours, including at least 3 and not more than 6 semester hours in United States History.
3. Science - 12 semester hours, including at least 3 semester hours in biological science and at least 3 semester hours in physical science.
4. Mathematics - 6 semester hours.
5. Health and Physical Education - 4 semester hours.

Education Requirements - 18 semester hours.

2. Educational Psychology and/or Principles of Teaching - 3 semester hours.
3. Student Teaching - 4 semester hours.
   a. Must be on the secondary level.
   b. The application for certification shall indicate that the applicant has earned credit in student teaching by devoting at least one semester to directed observation, participation, conferences with the supervisor, and actual teaching. Not less than 45 clock hours shall be in actual teaching.
4. Other professional education - 8 semester hours including 3 semester hours in adolescent psychology.

Physical Education Requirements

1. For Health, Physical, and Safety Education (including coaching) - 33 semester hours.
   a. Principles, Organization, and Administration - 5 semester hours.
   b. Basic Science (Anatomy, Physiology, and Kinesiology) - 6 semester hours.
   c. Health Education - 6 semester hours.
   d. Professional Techniques - Basic Skills - 15 semester hours.
   e. First Aid - 1 semester hour.

2. For Physical Education (including coaching) - 20 semester hours.
   a. Principles, Organization, and Administration in Physical Education - 5 semester hours.
   b. Basic Sciences - 6 semester hours.
   c. Professional Techniques in Physical Education (not to include more than 4 hours in coaching classes) - 9 semester hours.

When making an application for a certificate write to: State Department of Education, Baton Rouge, Louisiana.

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14 State Regulations for Teacher Certification, State Department of Education, Baton Rouge, Louisiana.
State of Maine

Provisional Grade B Certificate in Physical Education

General Requirements

1. Authorizes the holder to teach health and physical education in the elementary and secondary schools.
2. This certificate is valid for a two-year period. Successive two-year renewals may follow, each based upon evidence of successful experience within the scope of the certificate and the completion of not less than six semester credit hours in study related to a health and physical education major field, until a total of 32 semester credit hours of study has been completed.
3. Eligibility to this certificate will be established by the following methods:
   a. Completion of three years of an approved four-year degree granting program in Health and Physical Education, or
   b. An accredited bachelors degree, six semester credit hours in approved health and physical education courses, six semester credit hours in biology and/or physiology.

Education Requirements

No professional (education) courses are required.

Provisional Grade A Certificate in Physical Education

General Requirements

1. The holder is authorized to teach and/or supervise health and physical education in the elementary and secondary schools.
2. This certificate is valid for five years.
3. Eligibility to this certificate will be established by: Completion of an approved four-year degree granting program in Health and Physical Education.

Education Requirements - none required.

Physical Education Requirements - must complete at least 12 semester hours of physical education.

Five Year Standard Certificate in Physical Education

General Requirements
1. Following five years of successful experience within the scope of the Provisional Grade B Certificate, and the completion of 32 semester hours of study related to a health and physical education field, the certificate may be changed to a Five Year Standard Certificate.

2. Upon four years of successful experience within the scope of the Provisional Grade A Certificate and the completion of not less than six semester hours in approved professional health and physical education, it may be changed to a Five Year Standard Certificate.

3. Applicants completing requirements for an accredited master's degree in health and physical education, based upon a related bachelor's program, will be eligible to a Five Year Standard Certificate.

4. A Standard Certificate is renewable on the basis of successful experience and the completion of not less than six semester hours related to the field of health and physical education during the life of the certificate.\footnote{State Regulations for Certification of Teachers, State Department of Public Instruction, Augusta, Maine.}

When making application for certification, apply to: State Department of Public Instruction, Augusta, Maine.
State of Maryland

Requirements for the Maryland Secondary Teaching Certificate

General Requirements

1. Any Maryland certificate is issued only when the applicant has a tentative appointment to teach in a Maryland county school. Under these circumstances, records are obtained and evaluated. Nominations to all teaching positions are made by the county superintendents. Applications filed under other circumstances are kept for reference purposes, pending tentative appointments.

2. For the issuance of any certificate, credits earned within the last five years are necessary, if the applicant has been teaching continuously, otherwise credits must have been earned within the last two years.

3. Every certificate requires the passing of a medical examination given by a Maryland physician especially appointed for this service. Further information will be given by the appointing county superintendent.

4. Any applicant who is to be issued a Maryland high school teacher's certificate must have ranked in the upper four-fifths of the class with which he or she graduated from liberal arts or teachers college at which the A.B. or B.S. degree has been received.

5. Such an applicant must also have made a grade of at least "C" ("D" being the passing grade) in practice teaching.

Education Requirements

The applicant must present at least sixteen semester hours in Secondary Education including the following required courses:

1. Educational Psychology - 3 semester hours.
2. Principles of High School Teaching - 3 semester hours.
3. Special Methods, Observation, and Supervised Practice Teaching - 5 semester hours.
4. Elective Courses in Secondary Education - 5 semester hours.

Physical Education Requirements

Thirty semester credits taken from the following: foundation sciences, including anatomy and physiology,
personal hygiene, and community hygiene; and courses in physical and health education, including physical education activities throughout the four-year course, introduction to physical education, protection and emergency care of injuries, nature of play, leadership organization, mechanical analysis of activities and mechanical-anatomical analysis, and physiology of activities.16

When making an application for a certificate, write to: State Department of Public Instruction, Baltimore, Maryland.

16State Regulations for Teacher Certification, State Department of Public Instruction, Baltimore, Maryland.
State of Massachusetts

General Requirements for Certification of Teachers in Massachusetts

1. Must be an American citizen.
2. Must be in good health.
3. Must be of sound moral character.
4. Must possess a bachelor's degree or be graduates of a four year normal school approved by the Board of Education.
5. Must meet such requirements as to courses of study and semester hours therein as may be established and put into effect by said Board of Education, provided nevertheless, that no requirements respecting such courses of study and semester hours therein shall take effect prior to three years subsequent to their promulgation by said board.
6. No person shall be eligible for employment by a school committee as a teacher, principal, etc., unless he has been granted a certificate by the board, provided, however, that nothing herein shall be construed to prevent a school committee from prescribing additional qualifications, and provided, further, that a committee may upon its request be exempt from the requirements of this section by the department for any one school year when compliance therewith would in the opinion of the department constitute a great hardship in the securing of teachers for the schools of a town.

Education Requirements

None specified - must possess a bachelor's degree or be a graduate of an approved four year normal school.

Physical Education Requirements

None specified - must possess a bachelor's degree or be a graduate of an approved four year normal school.

When making application for a certificate, write to:
State Board of Education, Department of Education, 200 Newberry Street, Boston 16, Massachusetts.

17State Regulations for Teacher Certification, State Board of Education, Boston 10, Massachusetts.
State of Michigan

Requirements for State Secondary Provisional Certificate

General Requirements

1. A provisional certificate may be granted to any person who is at least 18 years of age, a citizen, and has received a bachelor's, master's or doctor's degree from an institution approved by the State Board of Education, who has been recommended by the faculty of the teacher training institution, and who has completed the prescribed course of study in academics and professional training as hereinafter outlined:

2. This certificate qualifies the holder to teach for a period of five years from the date of issuance, in the secondary grades (7-12) of Michigan public schools in the subject or subject fields indicated on the certificate.

3. The holder of a State Secondary Provisional Certificate will be expected to qualify for the State Secondary Permanent Certificate upon the expiration of the Secondary Provisional Certificate.

4. A candidate to qualify for a certificate, shall obtain not less than "C" in directed teaching. A candidate shall have an average grade of "C" or better for all courses completed.

5. When making an application for a certificate write to Mr. Eugene Richardson, Consultant, Higher Education and Certification, State Department of Public Instruction, Lansing, Michigan.

Education Requirements

A minimum of 20 semester hours in professional training, including the following subjects, must be submitted:

1. Practice Teaching on secondary level - 5 semester hours.
2. Methods in major or minor subjects.
3. Principles of Teaching, or equivalent.
4. Psychology of Education, or equivalent.
5. History or Philosophy of Education or Equivalent.

Physical Education Requirements

General Requirements

The State Secondary Permanent Certificate may be issued to a candidate who has held a State Secondary
Provisional Certificate, providing the candidate has met the following provisions:

1. The application must be made within one year following the expiration of the Secondary Provisional Certificate.

2. The candidate must have taught successfully three years in the secondary schools in the State of Michigan within the five year period defined by the validity of the provisional certificate.

3. The candidate must have earned 10 additional semester hours (15 term hours) of satisfactory credit in an approved institution subsequent to the date of issuance of the original State Secondary Provisional Certificate. It is recommended but not required, that such credit be in partial fulfillment for the Master of Arts degree.

4. Credit earned subsequent to receiving the State Secondary Provisional Certificate, whether leading to a master's or higher degree or not, may be counted toward (1) requirements for the State Secondary Permanent Certificate, or (2) additional majors or minors.\footnote{State Regulations Governing Issuance of Teaching Certificates in Michigan, Department of Public Instruction, Lansing, Michigan.}
State of Minnesota

General Requirements for Certification of Secondary Teachers (Grades 7-12) in Minnesota.

1. All certificates shall bear the date of issue and shall expire two years from July first nearest such date, and may be renewed for periods of not more than five years upon satisfactory evidence of successful teaching experience for at least one school year during the period covered by the certificate in grades or subjects for which the certificate is valid.

2. Any person who applies for the issuance or renewal of a teacher's certification who has not at any time during the five-year period immediately preceding been employed in the type of teaching for which the certificate is valid, may be required to furnish evidence of appropriate preparation in an accredited teacher preparing institution within such period and amounting to eight quarter hours. The fee is one dollar ($1.00).

3. If the holder of a five-year certificate shall present satisfactory evidence that he has actually and successfully taught in the public schools of the state for not less than five years, he may be issued a permanent certificate of the same class and kind as his five-year certificate; provided that the permanent certificate may be issued only to a teacher actually employed in the public schools of the state, or who has been so employed at any time during the two-year period immediately preceding the date of application.

4. A certificate may be issued to an applicant holding a degree from the College of Education of the University of Minnesota, Duluth Branch of the University of Minnesota, a Minnesota State Teachers' College, or an independent liberal arts college in Minnesota, providing it is an accredited teacher preparing institution and is approved by the State Board of Education to prepare teachers in the subject or field for which the application is made. This certificate shall qualify the holder thereof to teach in any secondary school and in the 7th and 8th grades of an elementary school those subjects or fields in which he has a major or a minor.

5. This certificate may also, in the discretion of the State Board of Education, be issued to any holder of a diploma or a degree of an institution of equivalent rank and standing of any other state, which is a member of the regional accrediting association or the American Association of Colleges for Teacher Education.
6. A teacher who spends over one half time in a special field will be required to have a major area of concentration in that special field. A certificate based on a major area of concentration in a special field is also valid to teach such special field in the elementary grades. These special fields are: Agriculture, Home Economics, Industrial Arts, Fine Arts, Music, Physical Education, Business Subjects.

Education Requirements

1. A teacher who graduated before March 1, 1951 must have fifteen semester hours of professional education as follows:
   a. Educational Psychology -- 3 semester hours.
   b. General Methods -- 3 semester hours.
   c. Special Methods -- 3 semester hours.
   d. Observation and Practice Teaching -- 3 semester hours.

2. A teacher who graduated after March 1, 1951 must have had at least eighteen semester hours of college credit in professional education for teaching in the secondary school of which at least 4 semester hours must be in Observation and Student Teaching and one college course from each of the three following fields:
   a. Human Growth and Development (Educational Psychology, Psychology of Learning, Child Growth, etc.).
   b. Orientation to Teaching (General Methods, Principles of Education, School and Society, Introduction to Education, Philosophy of Education, Curriculum, Tests and Measurements, etc.).
   c. Special Methods and Materials.

Physical Education Requirements

1. A Health and Physical Education major requires 24 semester hours.
2. A minor requires 15 semester hours.19

When applying for a certificate write to: State Department of Public Instruction, Saint Paul, Minnesota.

19State Regulations for Certification of Teachers, State Department of Public Instruction, Saint Paul, Minnesota.
State of Mississippi

General Requirements for Mississippi

1. All teachers are required to have not less than 75 quarter hours of credit in the following general courses: English, Social Studies, Science, Physical Education and Health. The minimum quarter hours of credit in each of these courses shall be not less than:
   a. English — 13 quarter hours.
   b. Social Studies — 18 quarter hours.
   c. Science — 18 quarter hours. 9 quarter hours of Mathematics may be included.
   d. Health and Physical Education — 6 quarter hours. This requirement is not included in the 24 quarter hours needed for a major in health and physical education.

Education Requirements

All high school teachers are required to have 27 quarter hours of professional training divided as follows:
   1. Educational Psychology — 4 quarter hours.
   3. Electives — 9 quarter hours.

Physical Education Requirements

Twenty-four quarter credits in physical education with 12 quarter hours in health education and 12 quarter hours in physical education.20

When making application for certification write to:
State Department of Public Instruction, Jackson, Mississippi.

20State Regulations for Certification of Teachers, State Department of Public Instruction, Jackson, Mississippi.
State of Missouri

Requirements for the Secondary Certificate in Physical Education

General Requirements

1. A baccalaureate degree from a college or university accredited for teacher education.
2. Completion of at least 25 semester hours of general education including credits from at least three of the following fields - English, Social Studies, Natural Science, Foreign Language, Mathematics.
3. Two years of college work in general physical education with or without credit, and two semester hours of credit in Health or hygiene.

Education Requirements

1. A minimum of 18 semester hours in professional or education courses as follows:
   a. Educational Psychology - 2 semester hours.
   b. History or philosophy or Principles of Education - 2 semester hours.
   c. General Methods in Secondary Teaching - 2 semester hours.
   d. Methods in One High School Teaching Field - 2 semester hours.
   e. Secondary School Administration - 2 semester hours.
   f. Student Teaching in Secondary School - 5 semester hours.
   g. Electives - 3 semester hours.

Physical Education Requirements

1. Twenty-four semester hours in physical education distributed as follows:
   a. Health Education, Hygiene, and Physiology - 8 semester hours.
   b. Physical Activities, Sports and Games - 8 semester hours.
   c. Other Physical Education credits - 8 semester hours.

When making an application for a certificate write to: State Department of Education, Jefferson City, Missouri.

2\textsuperscript{1}State Regulations for Teacher Certification. State Department of Education, Jefferson City, Missouri.
State of Montana

General Statements Regarding Teacher Certification in Montana

1. All two (2) and five (5) year certificates shall expire after the first issue to any person two (2) or five (5) years from July 1, nearest such date of issue. The date of issue is understood to be the date the applicant began teaching in Montana and not the date the certificate was issued.

2. Emergency certificates will not be issued as long as there are unemployed high school teachers who do have the pattern of preparation that is required for high school teaching. In extreme cases, consideration might be given in certain specialized fields but each case will be considered on its individual merits, determined by State Board of Education action.

3. Only active 6-year certificates may be raised to a life, also depending on other regulations. For more information, please request a directive by writing direct to the office in Helena, Montana.

4. A secondary state certificate that has expired previous to 1949 can be renewed by the presentation of at least 8 quarter hours from an accredited college or university and earned during the past six years.

Secondary School Standard General Certificate

General Requirements

1. Valid to teach grades 7 to 12 in any public school.

2. Two (2) year certificate based on pattern of preparation given below.

3. Five (5) year certificate issued on one year of successful teaching during two (2) year period. No additional credits needed.

4. Renewable indefinitely upon the presentation of eight (8) quarter hours of undergraduate or graduate credits each five years. It is recommended that credits lead toward the master's degree.

5. Bachelor's degree from a fully accredited teacher-education training institution.

Education Requirements

1. Twenty-four (24) quarter hours from the following areas with general psychology as a prerequisite.
a. Educational Psychology.
b. Principles of Secondary Education.
d. Observation and Practice Teaching.
e. Electives.

Physical Education Requirements

1. If doing the major part of your teaching in the field of physical education you need a major of 45 quarter credits.
2. If doing the minor part of your teaching in the field of physical education you need a minor of 30 quarter credits.

Secondary Advanced Certificate

Same requirements as for the Secondary School Standard General Certificate plus one (1) year (3 quarters) of post-baccalaureate training.

Secondary Special Certificate


Physical Education Requirements.
1. No teaching minor required.
2. Forty-five (45) quarter hours in the special field such as physical education.22

When making an application for a certificate write to:
Miss Mary Condon, Superintendent of Public Instruction, Helena, Montana.

22State Regulations for Teacher Certification, State Department of Public Instruction, Helena, Montana.
State of Nebraska

Certification Requirements Secondary Teachers of Health and Physical Education in Nebraska

A. Requirements for Five Year Initial Secondary Certificate

General Requirements

1. Valid in any school in state.
2. Valid in grades 7-12.
3. May get only one renewal of this certificate and that by presenting nine graduate credits with three being in education.
4. Completion of a four-year college high school teacher training course with Baccalaureate Degree and recommendation of the school.

Education Requirements

1. Minimum of 18 semester hours in education three (3) semester hours in supervised teaching grades 7 to 12 and two (2) hours in health education.

Physical Education Requirements

1. Fifteen semester hours in each of two teaching fields.

B. Requirements for Five Year Provisional Secondary Certificate

General Requirements

1. Valid in any secondary school in state for grades 7 to 12.
2. May get only one renewal of this certificate and that by presenting nine graduate credits with three being in education.
3. Nebraska certificate of equal or lower rank valid after August 31, 1938 and same requirements as Initial Secondary plus 9 semester hours graduate credit including 3 semester hours in education.
4. One year of experience in grades 7 to 12.

C. Requirements for Life Professional Secondary Certificate
General Requirements

1. Valid for life of applicant in grades 7 to 12 of any secondary school in the state. (Life Certificates lapse after three years of non-use.)

2. Nebraska certificate of equal or lower rank valid after August 31, 1938 and same requirements as Initial Secondary plus 18 semester hours graduate credit including 6 in education.

3. Three years experience in grades 7 to 12. 23

When making an application for a certificate write to: State Department of Public Instruction, Lincoln, Nebraska.

23 State Regulations for Teacher Certification, State Department of Public Instruction, Lincoln, Nebraska.
State of Nevada

General Statements Regarding Certification in Nevada

1. The State Board of Education is the sole agency in Nevada authorized by law to issue certificates to teachers in Nevada public schools. It has no authority to issue certificates to teachers who are not citizens of the United States.

2. Until a teacher has made proper application for and been notified by the State Department of Education that he is eligible for a Nevada certificate of appropriate grade, he is not eligible for a teaching position in a Nevada public school and may not receive a salary. Contracts issued to teachers not eligible are invalid.

3. The responsibility for holding the proper type of certificate rests entirely with the teacher.

4. Applications for certificates should be made upon blanks provided by the Certification Bureau, State Department of Education, Carson City, Nevada.

5. If an applicant for a Nevada certificate has earned no credits within the ten year period immediately prior to the date of his application, he must earn six semester hours of credit to qualify for a regular certificate. For the high school certificate transcripts must show three of those semester hours earned within the last four years and for all other certificates, with the exception of substitute and vocational adult, three semester hours within the last three years.

6. All certificates are issued solely on preparation and training and are not issued upon certificates held in other states. Preparation and training are evidenced by certified transcripts of credits from universities, colleges and normal schools.

7. Transcripts are evaluated by the Certification Bureau in terms of semester hours.

8. Transcripts submitted with applications for certification become part of the permanent records of the Certification Bureau and will not be returned.

9. Fees for certificates or renewals must be remitted by cashier's check, express money order, or post office money order, payable to the Certification Bureau, State Department of Education. Personal checks are not accepted.

10. All teachers must meet State requirements in Nevada School Law and Constitutions of the United States and the State of Nevada. Certificates granted to applicants who have not received their training in these subjects will carry a provision indicating that the
examinations must be taken within one year from the date of the certificate. If the provision is not removed within one year, the holder of the certificate is not eligible for employment in a Nevada school until he has passed the regular examination conducted by the State Department in the subject on which provision is based or has secured credit in the subject at some standard college, university, or normal school. For the benefit of teachers who have not received credit in these subjects, the examinations will be held the first Saturday in November and the first Saturday in May of each year until further notice. College credits earned to remove these provisions will not be accepted as recent professional training for certification purposes.

Requirements for Special Certificates

General Requirements

1. Application for renewal of a special certificate must be accompanied by an official transcript of record showing not less than three semester units of college, normal school, correspondence, or summer school work earned during the life of such certificate. Those holding special certificates based on full college graduation are required to make such showing of professional progress not more often than once in four years to gain subsequent renewals.

2. This certificate is valid for two years.

3. This certificate is granted upon credentials showing adequate preparation for teaching the particular subject designated and evidence of personal fitness for the work.

Education Requirements

None specified.

Physical Education Requirements

Applicants for special certificates must present at least twenty-four semester hour credits, or the equivalent, in the subject in which they wish certification.\(^2^4\)

\(^2^4\)State Regulations for Teacher Certification, State Department of Public Instruction, Carson City, Nevada.
State of New Hampshire

Requirements for Certification of Secondary Teachers in New Hampshire

General Requirements

Completion of a 4 or 5 year course in a standard post-secondary institution.

Education Requirements

Twenty-one semester hours of credit in education courses including six semester hours of supervised teaching in physical education and six semester hours in principles or methods of teaching health and physical education in the elementary and secondary schools. One year of successful teaching may substitute for the practice teaching requirement if done in last three years.

Physical Education Requirements

Eighteen semester hours of credit in the theory of health, physical education, recreation, and skills pertaining to these subjects. 25

25 State Regulations for Teacher Certification, State Board of Education, Concord, New Hampshire.
State of New Jersey

Requirements for the Secondary Teaching Certificate

General Requirements

1. This certificate is required for teaching the endorsed subject fields in grades seven through twelve.
2. This certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.
3. A bachelor's degree based upon a four-year curriculum in an accredited college.
4. A minimum of thirty (30) semester hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics and foreign languages. Six semester hour credits in English and six in social studies will be required.

Education Requirements

1. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below:
   a. Methods of Teaching -- this group includes such courses as: (1) Methods of Teaching in Secondary Schools, (2) Visual Aids in Education, (3) Individualizing Instruction.
   b. Educational Psychology -- this group includes such courses as: (1) Psychology of Learning, (2) Human Growth and Development, (3) Adolescent Psychology, (4) Educational Measurements, and (5) Mental Hygiene.
   c. Health Education -- this group includes such courses as (1) Personal Health Problems, (2) School Health Problems, (3) Nutrition, (4) Health Administration, and (5) Biology.
   e. Curriculum -- this group includes such courses as: (1) Principles of Curriculum Construction, (2) The High School Curriculum, (3) A Study of the Curriculum in One Specific Field, and (4) Extra Curricular Activities.
f. Guidance -- this group includes such courses as: (1) Principles of Guidance, (2) Counseling, (3) Vocational Guidance, (4) Educational Guidance, (5) Research in Guidance, and (6) Student Personnel Problems.

g. In addition to the above-mentioned professional courses the applicant must have one hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

Physical Education Requirements

1. Two teaching fields are required, one of which must contain thirty (30) semester hour credits and the other eighteen.

2. To be certified in physical education the applicant must present eighteen (18) semester hours distributed in the following fields: Coaching, development of personal skills, nature and function of play, organization and administration of physical education, principles of physical education.

Requirements for the Physical Education Certificate

General Requirements

1. This certificate is required for teaching physical education in elementary and secondary schools.

2. Same as for Secondary certificate.

3. Same as for the Secondary certificate.

4. Same as for the Secondary certificate.

Education Requirements

1. A minimum of eighteen semester hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below:

   a. Methods of Teaching -- this group includes such courses as: (1) Methods of Teaching in Elementary and Secondary Schools, (2) Visual Aids in Education, and (3) Individualizing Instruction.

   b. Same as for the Secondary Certificate.

   c. Same as for the Secondary Certificate.

   d. Same as for the Secondary Certificate.

   e. Same as for the Secondary Certificate.
f. Same as for the Secondary Certificate.
g. Same as for the Secondary Certificate.

Physical Education Requirements

1. A minimum of forty semester hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:
   a. Anatomy, physiology, kinesiology.
   b. Coaching, development of personal skills, nature and function of play.
   c. History, principles, and organization and administration of physical education.
   d. Materials and methods in physical education for the elementary grades and materials and methods in physical education for the high school.
   e. Health education including personal and community hygiene, first aid, and safety.

When making application for a certificate write to:
State Department of Education, State Board of Examiners,
Trenton 3, New Jersey.

25 State Regulations for Teacher Certification, State Department of Education, State Board of Examiners,
Trenton 3, New Jersey.
State of New Mexico

General Statements Regarding Certification of Teachers in New Mexico

1. Any person who teaches in the public schools without the required teacher's certificate shall forfeit all claim to compensation for services rendered.
2. Applicants for certificates must be at least eighteen (18) years of age.
3. All subjects accepted as education by accredited colleges will be accepted as such by this department.
4. All type certificates issued are one ($1.00) dollar.
5. No correspondence work is acceptable on the renewal of a certificate.
6. During this period of emergency, eight (8) semester or twelve (12) term hours of extension work earned in institutions approved by the State Board of Education will be accepted for the renewal of certificates.
7. Temporary teachers certificates may be issued at the discretion of the State Board of Education to applicants who have met all the requirements prescribed by the New Mexico law and the State Board of Education, provided the applicant does not have over 8 semester or 12 term hours shortage in prescribed courses.
8. Credentials on which certificates are issued must be sent directly from the college to the Certification Department and must be left on file in the State Department of Education until expiration of the certificate.
9. Credentials from other states will not be accepted in lieu of official credentials for certification purposes.
10. When making an application for a certificate, write to: State Certification Office, State Department of Education, Santa Fe, New Mexico.
11. Ex-service applicants can receive an extension of their certificate for a period of time equal to that lost on their old certificate while in the service by presenting their discharge papers. Necessary data will be copied and discharge papers promptly returned.
12. No certificate will be issued to anyone who is not an actual citizen of the United States except in instances where the State Board of Education approves.

Requirements for a Special Certificate in Physical Education

General Requirements
1. This certificate is valid for three years and entitles the holder to teach in any grade, but only the subjects designated.
2. Must be a high school graduate.
3. Sixty (60) semester hours of college training.
4. Special certificates may be renewed from time to time upon satisfactory evidence that the holder thereof has earned during the life of this certificate 8 semester hours of credit by attending school or taken at least six (6) full weeks of special instruction in the field of work for which the certificate is granted.

**Education Requirements** - None specified.

**Physical Education Requirements**

Twenty (20) semester hours in the special field.

**Requirements for Regular High School Five-Year Certificate**

**General Requirements**

1. This certificate is valid for five years and is subject to renewals of five years each on presentation of eight (8) semester hours credit earned by the holder in an approved four-year normal, college, or university during the life of the certificate. Correspondence work is not acceptable for a five-year renewal.
2. Based on graduation from an approved college, normal or university with a minimum of 120 semester hours credit.

**Education Requirements** - 16 semester hours

1. Prescribed courses shall include the following:
   a. Educational Psychology - 2 semester hours.
   b. Secondary Education - 2 semester hours.
   c. Methods of Teaching in High School - 2 semester hours.
   d. Supervised Teaching in High School - 4 semester hours.
   e. Electives in Education - 6 semester hours.

**Physical Education Requirements**

Academic credits shall be distributed approximately as follows:
1. A major of 24 semester hours when combined with a minor of 15 semester hours, or
2. Two minors of 15 semester hours each.  

27State Regulations for Teacher Certification, State Department of Education, Santa Fe, New Mexico.
State of New York

Requirements for the Provisional Certificate

General Requirements

1. The candidate shall have completed an approved four-year curriculum leading to the baccalaureate degree (or approved equivalent preparation) including:
   a. Eighteen (18) semester hours in professional courses approved for public school teaching. The schedule which follows will be used to appraise the said 18 semester hour program:
      (1) Supervised student practice teaching including conferences on teaching problems - 4 to 8 semester hours.
      (2) Teaching methods and materials in the special subject - 4 to 8 semester hours.
      (3) Psychology for teacher - 2 to 6 semester hours.
      (4) History, Philosophy, problems and/or principles of education - 2 to 6 semester hours.

A candidate who has completed an approved curriculum for teaching a special subject may offer a course in the history or principles of that special phase of education in lieu of a general course in the history or principles of education. For instance, a candidate who has completed an approved curriculum for teaching may offer a course in the history or principles of art education in lieu of a general course in the history or principles of education.

2. Valid for ten (10) years from date of issuance.

Physical Education Requirements

1. Health Curriculum - 36 semester hours. The schedule which follows will be used to appraise the said 36 semester hour program:
   a. Human anatomy and physiology - 4 semester hours. The structure, integration and function of the systems of the organism - skeletal, circulatory, respiratory, digestive, excretory, nervous, endocrine and reproductive.
   b. Human growth and development - 4 semester hours. Physical, intellectual, emotional and social factors from birth through adolescence; curricular practices and other influences affecting normal growth and development.
c. Health and hygiene - 9 semester hours.
   Personal, mental and community (health practice for optimal health; human conduct and behavior; techniques and practices of mental hygiene; community health and sanitation; public health problems; the functions of local, state and federal health authorities; curricular practices in personal, mental and community hygiene).

d. Foods and nutrition - 4 semester hours.
   (Food selection and preparation - child, adolescent and adult; food composition; nutritive value of goods; normal metabolism; relation of food to health; food costs in relation to nutritive values; problem of school feeding; formation of desirable food habits).

e. Safety and First Aid - 2 semester hours.
   Survey of home, school and community programs of safety and first aid; control of factors to promote safety; study of immediate, temporary treatment given in cases of accident or sudden illness prior to medical aid.

f. Health aspects of home and family life - 2 semester credits.
   Analysis of family health and social problems; family interrelationships; home care of the young, the sick and the aged; types and functions of agencies contributing to individual and community health; hospitalization; health and accident insurance.

g. Health counseling - 2 semester hours.
   Identification of physical, mental, emotional and social health programs; remedial procedures; counseling techniques.

h. Organization, administration and supervision of school health program - 2 semester hours.
   Survey of school programs including organization, administration, supervision, personnel, curriculum, equipment and finance; kinds and grades of school health services and interrelationships; testing the evaluation techniques; developmental programs in health education; legal aspects.

i. Additional hours in above fields - 7 semester hours.

j. In addition to the above mentioned items the candidate must present 18 semester hours in science including one course in each of the following fields - anatomy, physiology, biology and bacteriology.
2. Recreation Curriculum - 36 semester hours.

The schedule which follows will be used to appraise the said 36 semester hour program:

a. Community Recreation - 6 semester hours.
   History, principles, philosophy, organization and administration, community organization, and postpracticum seminars.

b. Outdoor Education - 4 semester hours.
   School camping, camp leadership training and organization, camp and/or survival crafts, and administrations.

c. Applied social studies - 8 semester hours.
   Include sociology, social problems, group work, adult education, group dynamics, labor and industrial relations, and counseling or guidance.

d. First aid and safety education - 2 semester hours.

e. Recreation education skills and applied techniques - 10 semester hours.
   These 10 hours are to be distributed as follows: Group games, 2 hours; dual and single games, 3 hours; group games of high organization, 2 hours; rhythms and dances, 2 hours; aquatics, 1 hour.

f. Additional hours in the above fields - 6 semester hours.

g. In addition to the above mentioned fields the candidate must present a minimum of eighteen (18) semester hours in - earth science, biological science, applied physics, anatomy and physiology, personal health - 9 semester hours; art, crafts, music, dramatics - 6 semester hours; additional related areas - 3 semester hours.

3. Physical Education and Hygiene Curriculum - 36 semester hours. The schedule which follows will be used to appraise the said 36 semester hour program.

a. Applied anatomy - 2 semester hours.

b. Physiology of exercise - 2 semester hours.

c. Physical inspection - 2 semester hours.

d. First aid and safety education - 2 semester hours.

e. Physical education for atypical children - 2 semester hours.

f. Physical education tests and measurements - 2 semester hours.

g. Administration, organization and supervision (physical education, recreation and camping) - 6 semester hours.
h. Physical education skills and applied techniques - 14 semester hours.
   (1) Group games of low organization (games adaptable to adult groups and to children of elementary age - 2 semester hours.
   (2) Dual and single games, tennis, handball, golf, etc., - 3 semester hours.
   (3) Group games of high organization - 3 semester hours.
   (4) Rhythms and dances - 2 semester hours.
   (5) Gymnastics and stunts - 3 semester hours.
   (6) Aquatics - 1 semester hour.

i. Additional hours in the above major area - 4 semester hours.

j. In addition to the material mentioned above the candidate must present 18 semester hours in science including one course in each of the following fields: anatomy, physiology, biology and bacteriology.

Requirements for the Permanent Certificate

General Requirements

1. The candidate shall have completed an approved four-year curriculum leading to the baccalaureate degree (or approved equivalent preparation) and in addition 30 semester hours in approved postcollege courses. The total program of preparation shall include the preparation required for the issuance of the provisional teacher's certificate.

2. In-service study and training requirement. The holder of a permanent certificate shall during each successive ten-year period from date of issuance complete six semester hours in approved courses or the equivalent in approved and appropriate professional activity such as membership in study groups for professional and cultural improvement, travel, educational research, authorship, cooperating critic and demonstration teaching, occupational experience, leadership in extra-school activities, leadership in professional associations and leadership in appropriate community activities.

3. The Permanent Certificate shall be valid continuously except when the holder thereof has not been regularly employed in a teaching, supervisory or administrative position in the public schools in New York State within a five-year period and has not satisfied the in-service study and training requirement prescribed in paragraph 2 of this subdivision, in which case the validity of the certificate held by such a person shall lapse.
Validation of a Physical Education Certificate for Teaching Said Subject to Physically Handicapped Children

General Requirements

1. This extension of certificate is not intended to prepare teachers for the applicant of light and heat treatment and other physical agents that may be strictly classified as physiotherapy.

2. The validity of a certificate for teaching physical education, issued upon four years of approved preparation, shall be extended by the Commissioner of Education to include the teaching of physical education to classes of physically handicapped children on evidence that the holder thereof has completed 12 semester hours in approved courses. The approved courses follow:

   a. Advanced corrective physical education for physically handicapped children (including basic principles of physiology of exercise and applied anatomy) - 2 semester hours.

   b. Corrective games and socialized recreational activities (including rhythms for physically handicapped children) - 2 semester hours.

   c. Mental, social and vocational adjustments - 2 semester hours.

   d. Practicum in teaching physical education to the major orthopedic types (including organization, methods, materials, observation and practice - this to include 30 class lectures of 50 minutes each on the nature of and/or convalescence from congenital deformities, tuberculosis, poliomyelitis, spastic paralysis, arthritis, disabilities of bones and joints, sprains and fractures, encephalitis and advanced third degree postural deformities.

Validation of Certificate to Serve as a Director

The validity of a permanent certificate for teaching physical education, health or recreation, issued upon five years of approved preparation shall be extended by the Commissioner of Education to include service as a director of physical education, health and recreation on evidence that the holder thereof has completed eight semester hours in approved courses and has completed five years of approved and appropriate experience. The content which follows will be used to appraise the said 8 semester hour program:

1. The interdependence and relationship of health education, physical education and recreation to general education; fiscal policy; budgets; legislation; education
program planning; significance of state policy in its relation to state and local policy; relation of physical education, health and recreation to moral, social and civic development.  

When making an application for a certificate write to:
State Department of Public Instruction, Albany, New York.

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28 State Regulations for Teacher Certification, State Department of Public Instruction, Albany, New York.
State of North Carolina

General Statements Regarding Certification of North Carolina Teachers

1. Minimum is graduation from a standard four-year college.
2. The subject(s) for which certification is granted appear on the face of the certificate.

Education Requirements

1. Eighteen semester hours which are divided as follows:
   a. The Pupil -- 6 semester hours.
   b. The School -- 6 semester hours.
   c. Practice Teaching -- 6 semester hours and must include at least 45 clock hours of actual teaching.

Physical Education Requirements

1. If you are a full time teacher of Health and Physical Education you are required to have 36 semester hours of training divided as follows:
   A. Area of Principles, Organization, Administration and Supervision -- 6 to 10 semester hours.
      (1) Principles of Health Education may be
      (2) Principles of Physical Education combined
      (3) Organization and Administration of Health and Physical Education.
      (4) Evaluation and Measurements in Health and Physical Education.
      (5) Curriculum in Physical Education.
      At least 4 areas must be included in this requirement.
   B. Area of Applied Techniques -- 10 to 12 semester hours.
      (1) Methods and Materials in Group Games of Low Organization.
      (2) Methods and Materials in individual sports such as tennis, golf, wrestling, etc.
      (3) Methods and Materials in Aquatics.
      (4) Methods and Materials in Rhythms.
      (5) Methods and Materials in Tumbling and Stunts.
(6) Methods and Materials in Team Sports such as touch football, soccer, speedball, volleyball, etc.
(7) Methods and Materials in team sports such as football, basketball, baseball, track.
At least 5 areas must be included in this requirement.

C. Area of Individual Physical Education -- 4 to 6 semester hours.
   (1) Individual Physical Education -- may include Kinesiology.

D. Area of Health Education -- 4 to 6 semester hours.
   (1) First Aid, Athletic Injuries.
   (2) Problems in Health Education.

E. Anatomy and Physiology -- 6 semester hours.
F. Biological Science -- 6 semester hours.

2. If you are a part time teacher of Health and Physical Education you are required to have 15 semester hours of training, divided as follows:
   A. Principles, organization, administration and supervision of Health and Physical Education -- 3 to 4 semester hours.
   B. Physical Education skills and applied techniques -- 8 to 9 semester hours.
      (1) Group games of low organization (games adaptable to adult groups and to children of elementary age).
      (2) Dual and single games (tennis, handball, golf, badminton, track and field events, etc.).
      (3) Group games of high organization.
      (4) Rhythms and dances.
      (5) Gymnastics and stunts.
      (6) Aquatics.
   C. Health Education, including the teaching of health and school health problems -- 3 to 4 semester hours.29

When making an application for a certificate, write to: State Department of Public Instruction, Raleigh, North Carolina.

29 State Regulations for Certification of Teachers, State Department of Public Instruction, Raleigh, North Carolina.
State of North Dakota

General Information Regarding Teacher Certification in North Dakota

1. All applications for certification should be directed to the State Department of Public Instruction, Director of Certification, Bismarck, North Dakota.

2. If the applicant can fulfill the requirements for a state certificate he should apply for the necessary application blanks. In his letter of application, he should give a brief statement of his qualifications.

3. In order to be certificated, the applicant must be at least eighteen years of age.

4. A certificate is issued to a citizen of the United States or to one who has declared his intention of becoming a citizen.

5. North Dakota certificates are not issued on certificates of other states.

6. No one shall be employed or permitted to teach in any of the public schools of the state, who is not in possession of a valid North Dakota certificate.

7. No teacher's certificate shall entitle a person to teach in the public schools of any county, unless such certificate shall have been recorded in the office of the county superintendent of the county in which the holder is engaged to teach.

Requirements for the First Grade Professional Certificate

General Requirements

1. Applicants who hold a bachelor's degree from an accredited college or university, approved as a teacher training institution are eligible for first grade professional certificates.

2. This certificate qualifies the holder to teach in any of the public schools of the state.

3. The initial certificate is valid for three years from date of issue.

Education Requirements

1. The applicant must present sixteen (16) semester hours in education including student teaching.
Physical Education Requirement

1. Either a major or a minor in Physical Education.\(^{30}\)

\(^{30}\)State Regulations for Certification of Teachers, State Department of Public Instruction, Bismarck, North Dakota.
General Statements Regarding Teacher Certification in Ohio

1. The General Code provides that no person shall receive any compensation for the performance of duties as teacher in any school supported wholly or in part by the state or by federal funds who has not obtained a certificate of qualification for the position as provided by law and which certificate shall further certify to the good moral character of the holder thereof.

2. A contract between a board of education and a teacher in the public schools cannot lawfully be entered into unless the teacher is possessed of a proper and legal certificate to teach the grades and subjects he is employed to teach, at the time the contract of employment is made.

3. The regulations prescribed by the director of education for the issuance of any type or grade of certificate are minimums and should not be construed as being maximums.

4. The State Department of Education does not operate a placement bureau.

5. Out-of-State credentials. Applicants for certification in Ohio whose preparation for teaching has been completed in an institution in another state, may be certificated in Ohio providing:
   a. The pattern of training is substantially equivalent to the Ohio requirements.
   b. The applicant holds a valid certificate, of the type applied for, from the state in which the training was completed.
   c. The institution in which the training was completed is currently approved for teacher education by its own state department of education.

Requirements for the Special Certificate (Physical Education)

General Requirements

The state prescribes no minimum requirements in this area, but recommends that each of the approved institutions follow as closely as possible the minimum requirements in the special subject matter areas in the interest of providing the maximum in general education courses.
**Education Requirements** - 17 semester hours.

1. Educational Psychology - 2 to 3 semester hours, prerequisite - General Psychology.
2. Principles of Teaching or Education - 2 to 3 semester hours.
3. School Administration, Organization, or Management - 2 to 3 semester hours.
4. Methods of Teaching - 2 to 3 semester hours.
5. Student Teaching in grades 7 to 12 - 3 to 5 semester hours.
6. Electives to complete the minimum of 17 semester hours:
   a. History of Education
   b. Tests and Measurements
   c. Educational Sociology
   d. Secondary Education
   e. Introduction to Teaching
   f. Philosophy of Education

**Physical Education Requirements** - 46 semester hours

1. Principles, Organization, and Administration of Physical Education, including Athletics and Recreation, and Principles, Organization and Administration of School Health Education, including School and Community Relationships - 6 semester hours.
2. Activities, Skills and Methods of Teaching Rhythms, Games of low organization, Stunts, Tumbling Apparatus, Recreational Group Activities and Elementary School Activities - 10 semester hours.
3. Activities, Skills and Methods of Teaching Athletic Sports, including football, basketball, baseball, track, tennis, golf, swimming, soccer, volleyball, and others commonly used in secondary and college programs - 6 semester hours.
5. Health and Hygiene, including Personal Health and Living, Community Health, Mental Hygiene, Social Hygiene, Foods and Nutrition, Sanitation, Disease Control, Health Counseling, Athletic Injuries and First Aid - 8 semester hours.
6. Human Anatomy and Physiology - 6 semester hours.
7. Individual or Adapted Physical Education, including Corrective, Restricted and Therapeutic Activities, their teaching and administration - 2 semester hours. 31

When applying for a certificate write to: State Department of Education, Columbus, Ohio.

31State Regulations for Teacher Certification, State Department of Education, Columbus, Ohio.
State of Oklahoma

General Regulations Regarding Certification of Secondary Teachers in Oklahoma

1. To receive a certificate an applicant shall:
   a. Be a citizen of the United States or submit official evidence of possession of valid Declaration of Intention at the time of application (this does not apply to exchange teachers).
   b. Be at least twenty years of age or a graduate of an accredited four-year college or university.
   c. Supply all of the necessary information required on the official application blank.
   d. File a certified transcript of the college record, including a summary of the high school record, as a part of the application.
   e. File a certificate from a licensed physician that the applicant is in good health and free from any communicable disease.
   f. Attach the necessary fee of one dollar ($1.00) for each certificate unless the application is for an initial Oklahoma certificate.

2. The application for a certificate shall be accompanied by a statement by the official responsible for the direction of teacher education in the respective institution of higher learning regarding the applicant's character and general fitness to be licensed as a member of the teaching profession.

3. Regulations concerning college credit:
   a. Work completed in standard accredited colleges and universities only will be accepted as a basis for teachers certificates, and the applicant's grade average must be as high as the average required for graduation from the institution through which the application is filed. A maximum of sixty-four semester hours completed in an accredited junior college may be counted toward satisfying the general education and specialized education certification requirements, provided that these hours shall consist of not more than sixty semester hours academic work and four semester hours of physical and health education and shall be taken before the student
has achieved junior standing in a four-year college or university.

b. For teacher certification purposes the maximum amount of college credit earned during one year by correspondence and extension study shall be limited by the rules and regulations of the approved four-year college or university which certifies the credit to the State Department of Education. In satisfying the requirements for a certificate, not more than one-fourth of the general education, one-fourth of the professional education, and one-fourth of the education in the area of specialization shall be accepted from correspondence or extension study. It is further provided that the amount of correspondence or extension study acceptable as satisfying certification requirements shall not exceed one-fourth of the total credit submitted.

c. A maximum of ten semester hours of college credit used to satisfy the requirements in general education may also be used in satisfying the requirements in the field of specialization.

4. A certificate used in another state may not be transferred to Oklahoma.

5. Military service will count as teaching experience in satisfying requirements for certification.

Requirements for the Temporary Teaching Certificate

General Requirements

1. An applicant applying for a temporary certificate at a different level or in a different field than a temporary certificate previously held must have completed eight hours additional residence work since the previous temporary certificate was issued.

2. This certificate shall be valid only for the fiscal year during which the certificate is granted.

3. A minimum of 110 semester hours of college credit certified to by an approved four-year college or university including:

   a. A minimum of forty semester hours of credit in general education designed to develop a broad cultural background.

   b. A minimum of twelve semester hours of credit in professional education.
c. A minimum of sixteen semester hours of credit in the field of specialization.

Requirements for the Provisional Teaching Certificate

General Requirements

1. This certificate shall be valid from the date of issuance or an effective date as shown on the face of the certificate to the expiration date three years from the nearest thirtieth day of June preceding or following the date of issuance or the effective date if designated.

2. A bachelor's degree from an approved college or university with the following minimum requirements:
   a. A minimum of fifty semester hours of college credit in general education designed to develop a broad cultural background,
   b. A minimum of fifteen semester hours of college credit in professional education, including student teaching, methods, and materials.
   c. A minimum of twenty semester hours of college credit in the field of specialization.

Requirements for the Standard Teaching Certificate

General Requirements

1. Oklahoma history, and six semester hours of college credit in American history and government shall be required as a part of the general education. The requirement in Oklahoma history may be met by submitting evidence of credit in a one semester high school course or by state examination.

2. An applicant, having completed work for a standard certificate in conformance with the requirements in effect at that time, shall be permitted a period of five years in which to apply for the certificate without regard to changes in requirements.

3. A minimum of eight semester hours of the college credit submitted by the applicant to meet the requirements for a standard certificate must have been earned within a period of five years immediately preceding the date of the application. An applicant transferring to Oklahoma from outside the state may meet this requirement by submitting credentials showing the preparation required for the standard certificate and evidence of satisfactory teaching experience in the public schools throughout the school year immediately preceding the application.
4. Any teacher who holds a standard bachelor's degree and has not less than ten years successful teaching experience, three of which must be during the five years immediately preceding the filing of the application for the standard certificate, and who meets all requirements for the standard certificate except student teaching, may, upon the recommendation of the certification officer in an approved teacher training institution, substitute other professional education courses for student teaching. In the case of applicants from out of state, applications shall be processed in the same manner as all other out-of-state applications.

5. A bachelor's degree from an institution approved for teacher education based upon the completion of a program approved by the State Board of Education for the education of teachers of health and physical education in the elementary and secondary schools including a minimum of fifty semester hours in general education designed to develop a broad cultural background with work in at least six of the following:
   a. English (oral and written, and literature).
   b. Social Studies -- the applicant may satisfy the requirements in American history and government and Oklahoma history as a part of his required general education.
   c. Health and Physical Education.
   d. Science.
   e. Mathematics.
   f. Psychology.
   g. Foreign Language.
   h. Fine Arts.
   i. Practical Arts.

**Education Requirements**

A minimum of twenty-one semester hours in professional education, including at least nine semester hours in student teaching, methods, and materials. If methods, materials, and student teaching are not combined in an integrated course, a minimum of six semester hours in directed observation, participation, and student teaching will be required.

**Physical Education Requirements**

A minimum of thirty semester hours of college credit in health and physical education with at least eight hours in health education and at least eight hours in
physical education. (The 30 semester hours mentioned here is in addition to any taken as required in general education.)

When making an application for a certificate, write to: State Department of Public Instruction, Oklahoma City, Oklahoma.

32State Regulations for Certification of Teachers, State Department of Public Instruction, Oklahoma City, Oklahoma.
General Requirements for Teacher Certification in Oregon

1. What are the general requirements for a certificate?--Oregon law requires that any applicant for a teacher's certificate in Oregon:
   a. Must be 18 years of age.
   b. Shall furnish satisfactory evidence of proper educational training.
   c. Shall furnish satisfactory evidence of United States Citizenship (except for foreign teachers on an exchange basis).
   d. Shall, if the Superintendent of Public Instruction requires such, furnish satisfactory evidence of good moral character, mental and physical health, and such other evidence as may be deemed necessary to establish the fitness of such applicant to serve as a teacher.

2. What are the steps to be followed in obtaining a certificate?
   a. Determine the kind of certificate needed to qualify for the position in which you intend to teach.
   b. Try to determine whether your educational preparation is such that it will meet the requirements for the type of certificate needed. If there is a possibility that requirements can be satisfied and the consideration of the State Department of Education is desired, then:
   c. Write to the State Superintendent of Public Instruction, State Library Building, Salem, Oregon and request forms.
   d. The State Department of Education will evaluate your preparation for certification in accordance with the request made on your application and will send you yours. If you are not qualified, the State Department will advise you as to the procedure you should follow to meet requirements. The fee for an original certificate is two dollars; for a renewal, two dollars; for a duplicate, one dollar; and for a life certificate, three dollars. All checks or money orders for fees should be for the exact amount required for the certificate and should be made payable to
Rex Putnam, Superintendent of Public Instruction, State Library Building, Salem, Oregon.

One Year Special Certificates on Recommendation

1. Valid only for the specific assignment indicated on the certificate.
2. Applicants who have been issued a one-year special certificate on recommendation and who have presented inadequate preparation in qualifying for such certificates may be asked to complete as much as 12 quarter hours of recent study in the field for which the certificate is issued prior to the issuance of further special certificates.
3. Special certificates to teach industrial arts and boys' health and physical education, may be issued for one year only for use in a specified school district upon recommendation of the employing superintendent in a district of the first class or of the county superintendent in second and third class districts under the following circumstances:
   a. To teachers who hold a valid regular Oregon certificate, either elementary or secondary, whose services in the special field are required on part time basis at a level other than that for which they are regularly certified, and who can submit official transcript of collegiate preparation which will qualify them to teach in the area for which the certificate is issued.
   b. To teachers who have not previously held an Oregon certificate and who lack not more than two of the specific courses or 6 quarter hours of the preparation required for regular certification, and who can submit official transcript of college preparation which will qualify them to teach in the area for which the certificate is to be issued. This certificate may be issued once to such teachers.

Regular Certificates for Special Subjects (Health and Physical Education)

General Requirements

1. This certificate is valid for grades one through twelve.
2. It does not qualify the holder to teach any other subject or in any other area than that for which the certificate is issued.
3. This certificate is intended for supervisors and teachers who teach or supervise only one of the special subjects at both the elementary and secondary level.

4. A bachelor's degree from a standard college, university, or teacher's college.

5. A one year regular certificate for special subjects may be renewed when the holder thereof presents evidence of completion of 9 quarter hours of upper division or graduate work subsequent to the bachelor's degree. Nine additional hours of upper division or graduate preparation shall be required for each renewal of the one year regular certificate for special subjects. This preparation may be completed in either a standard elementary or secondary teacher training institution.

**Education Requirements**

1. Completion of an elementary or secondary teacher training course in a standard teacher training institution which would qualify the applicant for a regular Oregon certificate, either elementary or secondary.

2. Oregon History (2 quarter hours) and Oregon School Law and System of Education (2 quarter hours). This may be waived for one year to allow an otherwise fully qualified teacher from out of state to receive one one year certificate.

**Physical Education Requirements**

Forty-five quarter hours of health and physical education from a standard college, university, or teacher's college.

**Requirements for the Five Year Regular Certificate for Special Subjects**

1. A regular five-year certificate for special subjects may be renewed when the holder thereof has taught for a period of 25 months during the life of the certificate and has made application for renewal within five years of the date of expiration of the last five-year regular certificate for special subjects. (When the preceding provision has not been met, the applicant shall meet current requirements for the regular certificate for special subjects.)

2. A regular five-year certificate for special subjects may be issued to those applicants who have:
   a. Taught five months on a one-year regular certificate for special subjects. (This requirement may be waived for those applicants who have met all other requirements for the five year regular certificate for
special subjects and who have not previously held a one-year regular certificate for special subjects.)

b. Completed 45 quarter hours of upper-division or graduate work subsequent to the bachelor's degree, at least nine of which shall be upper division or graduate work in education.\(^{33}\)

\(^{33}\)State Regulations for Teacher Certification, State Department of Public Instruction, Salem, Oregon.
State of Pennsylvania

General Statements Regarding Certification of Teachers in Pennsylvania

1. A certificate to teach health and physical education is valid for teaching in all grades above the sixth. A certificate to teach and supervise health and physical education is valid for any of the grades of the public schools.

2. Certification to supervise the teaching of health and physical education requires the completion of an approved supervisor's curriculum in health and physical education, including adequate experience and study in both the elementary and secondary schools.

3. A college certificate in regular academic fields may be extended to include the teaching of health and physical education on the satisfactory completion of courses selected from an approved teacher education curriculum in health and physical education. Thirty (30) semester hours is the minimum and should be distributed as follows:
   a. One-third health education.
   b. One-third physical education.
   c. One-third theory, organization and administration course, and student teaching in health and physical education classes.

Requirements for the Provisional College Certificate

General Requirements

1. Provisional college certificates issued after August 31, 1935, require a course in visual aids and sensory techniques to be made permanent, completed either before or after the issue of the provisional college certificate.

2. This certificate is issued to graduates of approved four year teacher education curriculums in health and physical education in accredited colleges and universities.

Requirements for the Permanent College Certificate

General Requirements

1. The Provisional college certificate will be made permanent on evidence of three years of teaching on the
provisional college certificate in the public schools of Pennsylvania, with a rating of "satisfactory"; and the satisfactory completion of six semester hours of additional education of collegiate grade, one-half of which must be professional.\textsuperscript{34}

When making application for a certificate write to:
State Department of Public Instruction, Teacher Education and Certification, Harrisburg, Pennsylvania.

\textsuperscript{34}State Regulations for Certification of Teachers, State Department of Public Instruction, Harrisburg, Pennsylvania.
State of Rhode Island

General Requirements for Certification in Rhode Island

1. Be at least nineteen years old and a citizen of the United States.
2. Swear to (or affirm) and sign the Teacher's Pledge of Loyalty.
3. Submit a physician's statement regarding physical fitness for teaching.
4. Present a statement from an officer of the teacher preparing institution regarding general fitness for teaching.
5. Submit the names of at least two persons as character references.
6. Submit such other evidence of professional preparation as may be required by the State Board of Education.
7. Certificates will be issued only to those who are actively engaged in teaching in Rhode Island. A Statement of Eligibility will be issued, therefore, to an applicant who meets the minimum requirements for certification, but who has not been appointed to a teaching position in Rhode Island. The Statement of Eligibility may be exchanged for the appropriate certificate upon receipt of notification in the certification office of the applicant's appointment to a teaching position in Rhode Island.

Provisional Special Subject Certificate

General Requirements

1. The special subject certificate (Health and Physical Education) is valid for three years in the special subject fields endorsed thereon in the elementary and secondary grades.
2. Bachelor's Degree from an institution approved by the State Board of Education.

Education Requirements

1. Twenty-four semester hours of education courses approved for the preparation of special subject teachers including Rhode Island Education and not less than six nor more than twelve semester hours of Practice Teaching.
   a. The Practice Teaching requirement may be waived for applicants who have had three or more years of teaching experience prior to
applying for certification in Rhode Island after they have taught for three years in this state and have been visited and observed in their classrooms by the State Supervisor of Certification. All applicants shall, however, present evidence of twenty-four semester hours of courses approved for the preparation of special subject teachers.

b. Applicants who have not fulfilled the requirement in Rhode Island Education will be allowed three years to meet this requirement.

Physical Education Requirements

A minimum of forty semester hours in appropriate technical and related technical courses in physical education.

Professional Special Subject Certificate

General Requirements

1. This special subject certificate is valid for five years in the special subject field(s) endorsed thereon in the elementary and secondary grades.
2. Bachelor's degree from an institution approved by the State Board of Education.
3. Three years successful teaching experience in the special subject field in Rhode Island.
4. This certificate may be renewed upon presentation of evidence of six semester hours of courses, two semester hours of which may be obtained by approved travel, work, or other educational experience.

Education Requirement

Same as the professional requirements of the Provisional Special Subjects Certificate.

Physical Education Requirements

Same as the academic requirements of the Provisional Special Subjects Certificate.

When making application for certification, write to:
State Department of Public Instruction, Providence, R.I.

35 State Regulations for Certification of Teachers, State Department of Public Instruction, Providence, Rhode Island.
State of South Carolina

Requirements for the Secondary Certificate

General Requirements

1. The following are required courses and a standard examination may be required to demonstrate proficiency in any area.
   a. English - 12 semester hours.
   b. Biological and Physical Sciences - 12 semester hours divided equally between the two.
   c. Social Studies (must cover at least three fields) - 12 semester hours.
   d. Fine Arts - 6 semester hours.
   e. Health Education - 3 semester hours.

Education Requirements

1. A minimum of 18 semester hours of professional education is required of all secondary teachers.
   b. Directed Teaching in specific field - 6 semester hours.

Physical Education Requirements

1. A minimum of 24 semester hours divided as follows:
   a. History, Principles, Philosophy, Organization and Administration - 4 to 6 semester hours.
   b. Health Education, First Aid and Safety, Personal and Community Health - 3 to 4 semester hours.
   c. Materials and Applied Techniques - 14 to 17 semester hours.
   d. Basic Sciences
      (1) Physiology and Anatomy - 4 to 6 semester hours.
      (2) Chemistry and/or Physics (may have been met in the general requirements) - 6 to 8 semester hours.

When making an application for a certificate write to:
State Board of Education, Columbia, South Carolina.

36 State Regulations for Teacher Certificate, State Department of Education, Columbia 1, South Carolina.
State of South Dakota

General Statements Regarding Teacher Certification in South Dakota

1. Applicants for High School Certificates must be citizens of the United States, high school graduates (except special cases), at least 18 years of age, and must meet the other qualifications herein.

2. The first renewal of an original or reinstated High School General Certificate which has not lapsed may be made without additional credits upon application and evidence of completion of at least 12 months of successful teaching experience in South Dakota on either the original or reinstated certificate.

3. Second and subsequent renewals or reinstatements of High School General certificate may be made upon evidence of having completed 9 quarter hours of credit within the past 5 years. This work may have been taken in residence, by correspondence, or through an extension center of an approved college or university.

4. A person holding a Master's Degree may renew or reinstate any high school certificate without additional credit.

5. A lapsed High School General may be reinstated upon evidence of completion of a minimum of 9 quarter hours of credit earned at an approved college or university. (A certificate lapses one year after the date of expiration.) The work must have been taken within the past 5 years and subsequent to the issuance of the original certificate in residence, by correspondence, or through an extension center.

6. A lapsed High School General certificate is reinstated for two years only and may then be renewed once for five years without additional credit.

7. A holder of an original certificate which has not lapsed and who has not had 12 months teaching experience on the certificate may have it extended not to exceed one year from the date of expiration without additional fee or credits by applying to the State Department of Public Instruction.

8. No permits will be issued in lieu of high school certificates.

9. The fee for an original or reinstated High School General Certificate is $2.00 and the duration of the certification is 2 years. The fee for the first and subsequent renewal of these certificates is $5.00 and the duration of the renewal is 5 years. All certificates
bear the date of issuance and expire on July 1st.

10. When applying for a certificate — all information should be submitted at one time if possible in order to facilitate speed with which the certificate may be issued. This includes complete transcript of credits, fees, certificate to be renewed if a renewal, and the application form completely filled in. For all applications for an original certificate based on a diploma the application form must be forwarded to the college with the request that they fill in the blank on the back and forward it to the State Department of Public Instruction. Transcripts of credits upon which certificates have been issued cannot be returned to the applicant. Be sure that the oath on the application is signed and acknowledged. It may be acknowledged by any one of the following qualified persons: Supreme Court Judge or Clerk, Notary Public, Circuit, Municipal or County Judge or Clerk, County Auditor, Register of Deeds, Mayor of a City, Justice of the Peace, United States District Court Commissioner or County Superintendent of Schools.

11. Certificates may be issued or renewed for the full period any time after January 1. You are requested to apply just as soon as possible in order to facilitate early issuance of the certificate. Certificates cannot be renewed until the calendar year in which they expire.

Requirements for the High School General Certificate

General Requirements

1. Must hold a bachelor’s degree from a college or university approved as a teacher training institution by the Superintendent of Public Instruction.

Education Requirements

Twenty-three (23) quarter hours which must include the following:
1. Practice teaching -- 5 quarter hours (45 clock hours in the major or minor fields).
2. High School Methods or Problems of Administration and Supervision (a study of the relationship of the school administrator and the classroom teacher) -- 5 quarter hours.
3. Educational Psychology - 3 quarter hours.
4. Elective - 10 quarter hours.

Physical Education Requirements

Must present 15 semester hours in the field and 5 semester hours in the particular subject taught, as a
minimum. It is recommended that a person devoting the major portion of his time to teaching in a single field should have a major in that field or 24 semester hours.

37State Regulations for Teacher Certification, State Department of Public Instruction, Pierre, South Dakota.
State of Tennessee

General Statements Regarding Teacher Certification in Tennessee

1. How to file an application:
   a. The applicant shall make an application, on a prescribed form to the State Board of Education for the certificate desired. This application should be mailed to the Director of Teacher Education and Certification, State Department of Education, Nashville 3, Tennessee.
   b. The fee for a certificate is $2.00 which should be sent to the Director of Teacher Education and Certification by bank draft or money order payable to the Commissioner of Education, State of Tennessee.
   c. All forms and/or transcripts upon which certificates are issued become the property of the State of Tennessee.
   d. Upon receipt of the form and fee, the records will be evaluated and the certificate sent, or the fee and form will be returned with deficiency noted.

2. No certificate to teach in the schools of Tennessee shall be issued to an applicant who has not reached his eighteenth birthday.

3. Subject or area endorsement may be added to a valid certificate, provided that current requirements are met and that an average grade of the quality acceptable for graduation is maintained in the area to be added.

4. Credit earned by correspondence and extension instruction with a member of the National University Extension Association or the Teachers College Association for Extension and Field Services shall be accepted for certification purposes to the extent of one-fourth of the amount of credit necessary for the particular certificate desired, provided that no more than six hours so earned may be applied on certificate renewal, and provided that not more than six hours in education may be applied on the professional education requirement.

5. An applicant for a certificate based on a college degree may present evidence of 3 years teaching experience in the type of work authorized by the certificate sought in lieu of three of the credit hours in student teaching required for such certificate, provided that
(1) such experience was gained on a valid certificate, (2) a corresponding number of quarter hours of credit is presented in other education courses, and (3) the institution recommending the applicant for such a certificate is agreeable to the substitution.

6. A person who holds a valid certificate in another state based upon a four-year degree curriculum, complete in an institution accredited for teacher education by a national or regional accrediting agency, may be issued a comparable certificate.

7. The institution from which the applicant comes must recommend the applicant as possessing good moral character, and free from mental or physical disabilities which would impair his effectiveness as a teacher.

Requirements for the Teachers Provisional Certificate

General Requirements

1. Duration 5 years.
2. Valid for teaching grades 7 to 12.
3. General Education core shall consist of not less than 60 quarter hours of credit earned in the following prescribed areas of instruction, with recommended minimum credit being distributed as follows:
   a. Communication - 9 quarter hours.
   b. Health, Personal Development, or Home and Family Living - 9 quarter hours.
   c. Humanities - 15 quarter hours.
   d. Natural Sciences - 12 quarter hours.
   e. Social Studies - 12 quarter hours.
   f. Fundamental Concepts of Mathematics - 3 quarter hours.

Education Requirements

A total of 36 quarter hours including:
1. Special professional courses in materials and methods of teaching shall place emphasis on teaching in one or more subject-matter fields - 9 semester hours.
2. Supervised student teaching in grades 7 to 12 - 6 quarter hours.
3. The balance to be taken in elective courses in secondary education from the following:
   a. Orientation to Teaching.
   b. Human Growth and Development.
   c. Psychology of Learning.
   d. Historical, Philosophical, and Sociological Foundations of American Education.
   e. The Teacher's School and Community Relationships.
   f. Professional Organization and Ethics.
g. Keeping of Records and Reports.
h. Materials and Skills in Audio Visual Aids.
i. Guidance and Mental Hygiene.

Physical Education Requirements

Thirty-six quarter hours of health and physical education. Half of this in six areas of health and half in nine areas of physical education. Health requirements first.
1. Foods and Nutrition; Safety Education and First Aid; Communicable Disease Control; Body Use and Care; Human Relations; Sanitation of the Home, School and Community.
2. Mass Gymnastics and Conditioning Activities; Informal Games and Relays; Singing Games and Rhythmic Activities; Team Games; Individual and Dual Sports; Safety Skills in Outdoor and Aquatic Activities; Mimetic and Story Plays; Stunts and Tumbling; Adapted Activities for the Handicapped Child.

Requirements for the Teachers Standard Certificate

General Requirements

1. The applicant must meet all the requirements for the Teachers Provisional Certificate.
2. Evidence of 3 years of teaching experience within the last five years must be presented.
3. Duration 10 years.
4. Certificate is renewable upon the presentation of evidence of 5 years of teaching experience within the 10 year period plus 12 quarter hours of credit, or the equivalent, as defined by the State Board for Vocational Education. In the absence of 5 years of experience 12 quarter hours of residence college credit earned within the last year is required.

Requirements for the Teachers Advanced Certificate

1. The applicant must meet all the requirements for the Teachers Standard Certificate.
2. An earned master's degree in an approved program leading toward public school teaching and resulting in additional endorsement or further work in fields presently endorsed is required.
3. Duration 10 years.
4. Certificate is renewable on 5 or more years experience within the 10 year period or 12 quarter hours residence credit earned within the last year.³⁸

³⁸State Regulations for Teaching Certification, State Board of Education, Nashville, Tennessee.
General Requirements for Certificates

1. Six semester hours of credit in English are required for each certificate.

2. A course in Federal and Texas Constitutions or six semester hours in American Government is required for each certificate.

3. Any temporary certificate may be extended for one year upon completion of six semester hours of resident college credit earned during the summer the certificate is dated to expire. The temporary certificate may not be extended by taking correspondence or extension work.

4. Not more than 50% of the total college credit for a teaching certificate may be earned by correspondence or extension work.

5. The validity of a temporary certificate begins with the date of completion of the applicant's most recent college credit and ends on August 31 of the year stated on the certificate.

6. All Texas teacher certificates are issued by the Certification Section of the Division of Professional Standards, Texas Education Agency. Applicants for certificates are required to submit:
   a. An application form obtainable from the Agency, or from the registrar of any Texas college or university.
   b. A transcript of the applicant's college credits and any other records necessary to show that all qualifications have been met.
   c. A certification fee of $1.00 in the form of a postal money order payable to the Texas Education Agency is required for all statutory certificates for regular teaching positions. A $2.00 fee is charged when any part of the credentials for such certificates is earned in out-of-state institutions.
   d. Legal certificates based in part upon teaching experience require the actual signatures of school officials under whom the experience was gained.

Emergency Certificate

Issued only to applicants with out-of-state credit, upon application, accompanied by a $2.00 fee, transcript, and request from employing superintendent stating teaching assignment and date on which the teacher's duties
begin. This certificate is valid only for four months during which time the holder must meet all requirements for a regular certificate.

**Three-Year Special Certificate**

**General Requirements**

1. Valid for teaching in the special field only.
2. Sixty semester hours total college credit -- the following are included in the sixty hours:
   a. Six semester hours in education (professional).
   b. Six semester hours in English.
   c. Six semester hours in the special subject (physical education) and a course in methods of teaching the subject in which the certificate is granted.
   d. A course in Texas and Federal Constitutions.

**Four Year Special Certificate**

**General Requirements**

1. Valid for teaching in the special field only.
2. Ninety semester hours total college credit -- the following are included in the ninety hours:
   a. Six semester hours in education.
   b. Six semester hours in English.
   c. Eighteen semester hours in the special subject.
   d. A course in Texas and Federal Constitutions.

**Permanent Special Certificate**

**General Requirements**

1. Valid for teaching in the special field only.
2. One hundred twenty (120) semester hours total college credit which must include:
   a. Six semester hours in education.
   b. Six semester hours in English.
   c. Twenty-four semester hours in the special field, including credit in methods.
   d. A course in Texas and Federal Constitutions or in place of 2a, b, c, d, teach a minimum of three sessions totaling 27 months in the special field during the validity of a three or four year special certificate.39

39State Regulations for Certification of Teachers, State Department of Public Instruction, Austin, Texas.
State of Utah

General Statements Regarding Certification of Utah Teachers

1. Application for certificates must be made to the State Certification Committee, Room 223, State Capitol, on forms prescribed and furnished by the department. Unless applicants are dependent on summer school credit to fulfill requirements, applications and transcripts of credit should be in the office of the Certification Committee by the beginning of the fiscal year — July 1.

2. All credit must be verified. Original transcripts of credit from accredited institutions are required covering all work beyond high school.

3. Certificates will not be issued on credits which do not show at least seven and one-half quarter hours of acceptable upper division or six quarter hours of graduate credit, completed within the last five-year period.

4. Credit offered for the renewal or extension of certificates, or credit offered by teachers working for higher certification must be acceptable upper division or graduate credit from an accredited college or university. The certification committee reserves the right to specify the per cent of work to be taken in residence and the amount to be taken in professional Education.

5. The last two years of the applicant's teaching experience must be verified as successful teaching service by original letter from the local superintendent before an extension of a certificate may be issued.

6. An applicant may be required to verify that he is of good moral character and free from serious infections or hereditary disease.

7. Every certificate expires on the date shown on the face of the certificate.

8. Teachers whose certificates have expired and who are planning to re-enter the profession must meet current requirements.

9. Responsibility for securing an extension or a renewal of a certificate rests primarily upon the holder. Seven and one-half quarter hours of upper division credit or six quarter hours of graduate credit completed during the life of a certificate will be used to extend it another period.

10. Duplicate certificates will be issued upon payment of a fee of fifty cents.

11. When there is a major change in certification requirements, those teachers rendering satisfactory continuous service shall remain in the same certification
status. Such teachers may be counselled or required to take a greater percentage of the work necessary for certificate renewal in subjects in which they are deficient as judged by the new requirements.

12. The State Board of Education reserves the right to refuse to issue or to revoke any certificate for just cause.

13. Care in use of names. When applicants apply for certificates or for the extension or renewal of certificates, they should write their full names. If the expired certificate was issued in the maiden name of the applicant, her application should show her maiden name as well as her married name.

14. Reciprocity with other states shall be considered if the requirements for certification in the other states are equal to those issued in Utah. A degree from an accredited college or university with equivalent professional education shall be the basis of evaluation. The credits upon which the out-of-state certificate was issued are examined in the light of Utah requirements. Applicants from other states are required to pay a $1.00 filing fee.

15. Credit offered for the renewal or extension of certificates, or credit offered by teachers working for higher certification must be acceptable upper division and shall be at least one-half in residence. Summer school credit is residence credit.

Teacher's Certificate for Secondary Schools

General Requirements

1. It is recommended that the four-year course for the education of teachers in secondary schools include ten quarter hours of work in the following basic fields of knowledge: social science, physical science, biological science, and humanities. The work presented for the composite major or major and minor will serve as the recommended study in the fields represented by each. The recommendation of an accredited educational institution may be required of the applicant.

2. It is further recommended that the work taken in the above-named basic fields include at least one survey course in each field. If survey courses which contain fundamental concepts in the field are not available, it is recommended that the program of study be distributed in more than one department in the field.

Education Requirements

The applicant must present not less than thirty-three (33) quarter hours in professional education, including school health education, to meet the requirements for
the secondary certificate. This work shall include training in the following designated minimum quantities:

1. Nine quarter hours in courses which will assist in the understanding of young people of school age; the physical and emotional development of youth through the years of formal schooling; the way the minds of the young work and the way their interests and motives shift and mature during adolescent years.

2. Six quarter hours in the understanding of the school, its historical and philosophic background, and administration and relationship to the community, with reference to Utah public schools and Utah school law.

3. Fifteen quarter hours in Student Teaching, including methods. (Two years of successful teaching experience properly verified may be accepted in lieu of a portion of this Student Teaching but will not reduce the total number of required credit hours.)

**Physical Education Requirements**

1. The applicant must present a composite major consisting of not less than sixty quarter hours of credit distributed in two or more related subjects which are taught in Utah secondary schools with not less than eighteen quarter hours in any one subject. In lieu of a composite major the applicant may present a teaching major, of at least thirty hours in one subject, which is taught in Utah secondary schools, at least fifteen hours of which must be upper division work; and a teaching minor of eighteen hours in a subject which is taught in Utah secondary schools.40

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40State Regulations for Certification of Teachers,
State Department of Public Instruction, Salt Lake City, Utah.
State of Vermont

Probationary Certificate for Instructor of Health and Physical Education

General Requirements

1. Be at least nineteen years of age and less than seventy at the beginning of the school year for which the certificate is to be valid.
2. Be a graduate of an approved secondary school or shall have passed the General Educational Development Test. (For information about this test, write to: Director of Instruction, State Department of Education, Montpelier, Vermont.)
3. Supply all the necessary information requested on the official application for a certificate.
4. File a certified transcript of all college work completed at the time of application.
5. Present as a reference the institution where he received his training for teaching.
6. Present three or more additional reputable references.
7. Swear to (or affirm) and sign the Teachers' Oath.
8. When applying for a certificate, write to: State Department of Education, State Office Building, Montpelier, Vermont.
9. A part-time teacher in health and physical education shall hold an Instructor of Health and Physical Education Certificate. Part time shall be considered 25% to 80% of the teacher's load.
10. This certificate is valid for one year.
11. A Probationary Certificate will be issued to:
   a. Experienced teachers who return to teaching after an absence of more than five years and are otherwise eligible for certification. A teacher who has let his certificate lapse shall earn a minimum of four semester hours of credit in courses or projects appropriate to his needs or interests within the two-year period prior to the effective date of the new certificate.
   b. All teachers with less than two years of experience.
12. Requirements for renewal:
   a. Evidence of many qualifications for teaching as indicated by a recommendation for this type of certificate from the last superintendent.
13. A bachelor's degree based on the completion of a four-year program in an institution approved by the State Board of Education.

**Education Requirements**

At least eighteen semester hours of professional education.

**Physical Education Requirements**

At least eighteen semester hours in physical education and health.

**Probationary Certificate for Director of Health and Physical Education**

**General Requirements**

Same general requirements as for the instructor except item 9 which should read:

9. A full time teacher in health and physical education shall hold a Director of Health and Physical Education Certificate. Full time shall be considered 80% or more of the teacher's load.

**Education Requirements**

At least eighteen (18) semester hours of professional training.

**Physical Education Requirements**

At least thirty-six (36) semester hours in physical education and health.

**Professional Standard Certificate for Instructor of Health and Physical Education**

**General Requirements**

1. Same as for the Probationary Certificate for Instructor.
2. Same as for the Probationary Certificate for Instructor.
3. Same as for the Probationary Certificate for Instructor.
4. Same as for the Probationary Certificate for Instructor.
5. Same as for the Probationary Certificate for Instructor.
6. Same as for the Probationary Certificate for Instructor.
7. Same as for the Probationary Certificate for Instructor.
8. Same as for the Probationary Certificate for Instructor.
9. Same as for the Probationary Certificate for Instructor.
10. Evidence of high level ability to teach as indicated by a minimum of two years of satisfactory teaching experience and a recommendation for this type of certificate from the last superintendent.
11. This certificate is valid for five years.
12. Same as for the Probationary Certificate for Instructor.
13. Same as for the Probationary Certificate for Instructor.

Education Requirements

At least eighteen semester hours of professional education.

Physical Education Requirements

At least eighteen semester hours of health and physical education.

Professional Standard Certificate for Director of Health and Physical Education

General Requirements

1. Same as for Probationary Certificate for Instructor.
2. Same as for Probationary Certificate for Instructor.
3. Same as for Probationary Certificate for Instructor.
4. Same as for Probationary Certificate for Instructor.
5. Same as for Probationary Certificate for Instructor.
6. Same as for Probationary Certificate for Instructor.
7. Same as for Probationary Certificate for Instructor.
8. Same as for Probationary Certificate for Instructor.
9. A full-time teacher in health and physical education shall hold a Director of Health and Physical
Education Certificate. Full time shall be considered 30% or more of the teacher's load.

10. This certificate is valid for five (5) years.

11. Requirements for renewal - Evidence of many qualifications for teaching as indicated by a recommendation for this type of certificate from the last superintendent.

12. A bachelor's degree based on the completion of a four-year program in an institution approved by the State Board of Education.

**Education Requirements**

At least eighteen (18) hours of professional education.

**Physical Education Requirements**

Thirty-six (36) semester hours in health and physical education.41

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41 State Regulations Governing Issuance of Teaching Certificates, State Department of Education, Montpelier, Vermont.
General Statements Regarding Certification of Virginia Teachers

1. Applicants must be at least eighteen years of age; must possess good moral character, good health, and must have indicated at least average scholarship in the college record.

2. Applicants who have had teaching experience will be required to furnish an acceptable rating on such teaching.

3. Applicants may be required to present evidence from a qualified physician as to their fitness for teaching from the standpoint of health, including emotional (nervous) handicaps or disorders.

4. All applicants must have official transcripts sent from an accredited college indicating possession of the baccalaureate degree with the background of what is termed general education usually associated with a B.S. or B.A. degree. This would be expected to include a minimum of 12 semester hours in English; 12 semester hours in social studies, including history of the United States; 6 semester hours in natural science and/or mathematics; 6 semester hours in health and physical education and safety. (Not less than 2 of the 6 semester hours should be in health education.)

Candidates who do not satisfy the requirements in general education, but who have secured a baccalaureate degree from an accredited college by taking a heavy concentration in some special field such as music, art, industrial arts will be endorsed only for their special field of concentration, even though they may meet the minimum requirement for endorsement in an academic subject.

5. In Virginia the only types of regular renewable certificates now issued are the Collegiate Professional and the Post Graduate Professional. If an applicant for one of these certificates has earned credit within ten years of the date of his application, and he qualifies for either type of certificate, he is granted a certificate valid for ten years from July 1st of the year in which his last credit of collegiate or graduate grade was earned.

A person applying for a Collegiate Professional or a Post Graduate Professional Certificate whose last collegiate or graduate study was completed between ten and twenty years ago would be granted a one-year certificate subject to extension for nine more years on
presentation of six semester hours of credit. If the last study of collegiate grade was done twenty or more years ago, such a one-year certificate would be subject to extension on the basis of twelve semester hours of study.

A policy followed on recency of study in issuing the four year non-renewable Collegiate Certificate is as follows: If a person's last study was completed within a five-year period prior to the time he makes application for certification, he is given a four-year certificate from July 1st of the year he applies. On the other hand, if his last study was done six or more years ago, he is issued a one-year certificate which is subject to extension for three more years on the basis of additional college credit in the amount of six semester hours. Six semester hours of credit is the maximum amount required for validation of a four-year non-renewable Collegiate Certificate. (The probationary period described previously will be required of all applicants who do not have at least two years of satisfactory teaching experience.)

Requirements for the Collegiate Certificate

General Requirements

1. The holder is entitled to teach in high school (grades 8-12) those subjects and/or subject fields for which the certificate has been enforced.

2. This certificate is non-renewable and given to those that do not have 18-24 semester hours of professional education.

3. This certificate is issued on the assumption that within the four-year period the holder will complete the requirements for a Collegiate Professional Certificate. Those who qualify for a Collegiate Certificate without a record of two years of satisfactory teaching experience will be given a two-year certificate. This will be extended for two more years on evidence that the teaching has been satisfactory.

Education Requirements

Less than 18 semester hours. Eighteen or more would qualify the holder for the Collegiate Professional Certificate.

Physical Education Requirements

1. Twenty-four semester hours are required but 36 is recommended. (The 6 semester hours called for in the
general education requirement is in addition to the 24 or 36 mentioned here.)

2. The courses should include:
   a. Eight (8) semester hours in the teaching of group games and team sports, rhythmics, body conditioning activities and recreational and leisure time activities. Coaching interscholastic athletics may be accepted but not to exceed 2 of the 8 semester hours.
   b. Eight (8) semester hours in the following areas: first aid, safety, the organization and administration of school health program, methods and materials in health education, safety and driver education.
   c. Eight (8) semester hours in the following areas of physical education: the curriculum in physical education for elementary and high schools, including the organization and administration of the physical education class, principles of physical education, the organization and administration of the community recreation program, and physiology of exercise.

Requirements for the Collegiate Professional Certificate

General Requirements

1. When the Collegiate Professional Certificate is issued to applicants without previous satisfactory teaching experience in elementary or secondary schools, it will be issued for an initial period of two years and will be extended for the full period on evidence that the teaching during the initial period has been sufficiently successful to justify this extension. The evidence will be secured through a rating form sent to the division superintendent of schools. In cases where the teacher has not been given a rating which seems to justify the extension for the full period of ten years, the certificate will be extended for one additional year. This will be continued until the evidence in the judgment of the Coordinator of Teacher Education permits extension for the full period or refusal of further extensions.
   2. Must hold a bachelor's degree from an accredited university or college.
   3. Endorsements on the face of the certificate will show those fields and/or subjects which the holder is authorized to teach.
   4. The Collegiate Professional Certificate is valid for ten years and renewable for periods of ten years.
Education Requirements

1. Must have completed eighteen (18) semester hours in professional education divided as follows:
   a. Human Growth and Development -- Courses such as the following are considered to contribute toward this: Educational Psychology, Child Psychology, Adolescent Psychology, Child Growth and Development, Psychology of Personality, Mental Hygiene, Problems of Exceptional Children, Child Health; should have six (6) semester hours.
   b. Classroom Management, Materials and Methods -- Courses such as the following contribute toward this: General and Special Methods of Teaching, Curriculum Development and Organization, Remedial Reading, Conservation Education, School Health Education, Principles of Education, Evaluation, Tests and Measurements; 4 semester hours.
   c. Student Teaching -- A total of not less than 100 hours must be allotted to this course, at least 60 of which shall be given to actual teaching. Should have at least 4 semester hours here.
   d. Relationship of the School to the Community and to Society -- Courses contributing to this area are: Philosophy of Education, History of Education, Educational Sociology, School and Community Relationships, etc. Should have approximately six (6) semester hours in this area.

Physical Education Requirements

Same as the academic requirements for the Collegiate Certificate.

Post Graduate Professional Certificate

An applicant who has earned a Master's Degree or a Doctor's Degree from an accredited institution, who has taught successfully for three years and who has qualified for a Collegiate Professional Certificate is eligible for a Post Graduate Professional Certificate. This certificate is, like the Collegiate Professional Certificate, valid for a period of ten years (if not
It is subject to renewal for periods of ten years. When applying for a certificate, write to: State Department of Public Instruction, Richmond, Virginia.

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42 State Regulations for the Certification of Teachers, State Department of Public Instruction, Richmond, Virginia.
State of Washington

General Statements Regarding Certification in Washington

1. Notice of appointment to a teaching position in Washington, properly signed by the clerk of the employing board or the local superintendent, must be attached to the initial application submitted by an out-of-state applicant.

2. Twelve quarter hours of credit earned by correspondence of extension work may be submitted toward completion of certification requirements.

3. Effective September 1, 1951, applicants for teacher's certificates whose teacher education has been in institutions in other states and who had not met requirements for Washington certification prior to September 1, 1951, may begin teaching in Washington on secondary certificates issued in accordance with requirements for three-year secondary certificates, such certificates to be valid for not more than three years, during which time the holder must have satisfied the requirements for conversion to the standard general certificate if he wishes to continue teaching in Washington.

Requirements for the Three Year Certificate

General Requirements

1. This certificate is valid in grades 7 to 12 inclusive.

2. Five years of college work and a degree in secondary education (bachelor's or master's) conferred by an institution accredited by the American Association of Teacher's Colleges, the Association of American Universities, or a state department of education.

3. Fifteen quarter hours in one or more of the following subjects: economics, sociology, political science, current history. Credits in Washington State History and Government also are acceptable toward meeting this requirement. Courses in modern history are not acceptable unless a description of the courses shows clearly that the field covered is contemporary history subsequent to World War I.

Education Requirements

1. Twenty-four quarter hours in education, including at least one course in the following subjects:
educational psychology (general psychology does not satisfy this requirement), general methods or principles of teaching, secondary education, special methods, practice teaching on the secondary level. Elective courses in Education may be submitted to complete the required total of 24 quarter hours.

2. Not more than nine (9) quarter hours in practice teaching may be included in the total of 24 quarter hours. A record of eight months of successful teaching experience in high school will be accepted in lieu of practice teaching, but will not be accepted toward completion of the total number of credits required in education.

Physical Education Requirements

A major of 30 quarter hours or a minor of 15 quarter hours in physical education.43

When making an application for a certificate, write to: State Board of Education, Olympia, Washington.

General Statements Regarding Teacher Certification in West Virginia

1. Each teacher must apply for his certificate through the college in which he has completed his teacher training requirements, provided: (1) he is making application for the first time in West Virginia; (2) he is upgrading his certificate; (3) he is changing from emergency to regular certification; (4) he is moving from high school to elementary school position or vice versa; (5) he once held regular certificate but failed to renew it within the period provided by law.

2. A certificate shall not be issued without college recommendation. A teacher who is qualifying for a certificate based on a baccalaureate degree must secure the recommendation of the dean of the head of the department of Education of the college where the teacher has completed (1) the major portion of his professional requirements or (2) the work required in directed teaching and methods.

3. Procedure for filing application:
   a. Secure application form from a college, the State Department of Education, or a county superintendent.
   b. Check every item. Leave no spaces blank.
   c. Use exact name on application which you wish to appear on certificate. No initials.

4. Give complete address.

5. Attach the required one dollar ($1.00) certification fee. Checks, money order, and postal notes must be made payable to the State Department of Education. Where college requires a transcript fee, two dollars ($2.00) should be attached.

6. Send application form to the college from which you expect to be recommended. College transcripts, diplomas, certificates from other states, and catalogs are not acceptable and should not be sent to the State Department of Education.

Requirements for the First Class High School Certificate in Physical Education

General Requirements

1. This certificate is valid for five years in grades 8 through 12.
2. The following are general required courses:
   a. English - 12 semester hours.
      (1) Written and Spoken English - 6 semester hours.
      (2) Advanced Written and Spoken English - 3 semester hours.
      (3) Study and Appreciation of English Literature or Study and Appreciation of American Literature - 3 semester hours.
   b. Social Science - 12 semester hours.
      (1) Development of Social Institutions - 6 semester hours.
      (2) Fundamental Social Problems - 6 semester hours.
   c. Science and Mathematics - 6 semester hours.
      (1) General Biological or Physical Science - 6 semester hours.
   d. Music - 2 semester hours.
      (1) Music in Human Relations - 2 semester hours.
   e. Art - 2 semester hours.
      (1) Art Appreciation - 2 semester hours.
   f. Physical Well Being - 2 semester hours.
      (1) Freshman Orientation - 2 semester hours.

Education Requirements

1. Minimum of twenty (20) semester hours to be distributed as follows:
   a. Human Development - 6 semester hours.
   b. Integrated Upper Grade Methods - 3 to 4 semester hours.
   c. Directed Teaching Grades 7 to 12 - 5 to 6 semester hours.
   d. Courses to Meet Individual Needs - 6 to 10 semester hours.

Physical Education Requirements

1. Minimum of twenty-four (24) semester hours to be distributed as follows:
   a. Anatomy, Physiology, Kinesiology - 4 semester hours.
   b. Health Problems for the School Child, Hygiene - 4 semester hours.
   d. Physical Inspection and Correction of Remedial Defects - 1 semester hour.
e. Theory and Practice of Physical Education - 2 semester hours.
   (1) Orientation in Physical Education - 2 semester hours.
   (2) Team sports - 3 to 5 semester hours.
   (3) Recreational Activities - 1 to 3 semester hours.
   (4) School and Community Activities (First Aid) - 1 to 4 semester hours.
   (5) Rhythmic Activities - 1 semester hour.

Requirements for the Special Non-Academic High School Certificate in Physical Education

General Requirements

   Same as for the First Class High School Certificate.

Education Requirements

   1. Minimum of twenty (20) semester hours to be distributed as follows:
      a. Human Development - 6 semester hours.
      b. Primary and Integrated Upper Grade Methods - 2 to 6 semester hours.
      c. Directed Teaching Grades 1 to 6 and Grades 7 to 12 - 5 to 6 semester hours.
      d. Courses to Meet Individual Needs - 7 to 11 semester hours.

Physical Education Requirements

   1. Applicants must complete forty (40) semester hours of Physical Education. Same as for the First Class High School Certificate plus sixteen (16) additional elective credits specifically in the field of physical education.\footnote{State Regulations for Teacher Certification, State Department of Education, Charleston, West Virginia.}
State of Wisconsin

Requirements for a License to Teach Physical Education in Wisconsin

General Requirements

Graduation from an accredited four-year college or university.

Education Requirements

Eighteen semester hours in education including the following courses:
1. Educational Psychology or Psychology of learning - 3 semester hours.
2. Methods Course in Physical Education - 2 semester hours.
3. Practice Teaching - 5 semester hours.

Physical Education Requirements

Either a major of 30 semester hours or a minor of 20 semester hours.

Requirements for the Life Certificate

The same general and professional requirements as above plus a major or a master's degree in Physical Education.45

When making application for a certificate, write to: State Department of Public Instruction, Madison 2, Wisconsin.

45State Regulations for Teacher Certification, State Department of Public Instruction, Madison 2, Wisconsin.
State of Wyoming

Standard High School Certificate

General Requirements

1. Valid for teaching grades 9 through 12.
2. Bachelor's degree from an accredited teacher-training institution.
3. General Education - 40 quarter hours covering a balanced program with courses from language arts, social studies, physical science, biological science, music, fine or practical arts.

Education Requirements

Thirty (30) quarter hours in the field of Education from the following areas:

1. Directed teaching or internship.
2. High School techniques and methods.
3. Child Growth, development, and psychology.
4. History, philosophy, and sociology of Education.
5. Mental health and hygiene.

Physical Education Requirements

1. Minimum of 22½ quarter hours.46

When making an application for a certificate, write to: Certification Division, State Department of Education, Capitol Building, Cheyenne, Wyoming.

46 State Regulations for Teacher Certification, Certification Division, State Department of Education, Capitol Building, Cheyenne, Wyoming.
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*Note: R = Required, C = Choice, S = Selective, T = Total, U = University, V = Vocational, W = Workforce, X = Extra, Y = Year, Z = Unknown*
TABLE III

MINIMUM PHYSICAL EDUCATION REQUIREMENTS TO TEACH PHYSICAL EDUCATION IN HIGH SCHOOL

1" - one quarter hour

<table>
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CHAPTER III

DISCUSSION OF MINIMUM PHYSICAL EDUCATION REQUIREMENTS

When considering minimum requirements for teaching physical education, the majority of the states fall within the twenty-three to forty-six quarter hours group. There are thirty-three states within this group, with seven states requiring twenty-three quarter hours, four requiring twenty-four quarter hours, five requiring twenty-seven quarter hours, five requiring thirty quarter hours, six requiring thirty-six quarter hours, one thirty-eight quarter hours, and four forty-five quarter hours. One state requires forty-six quarter hours. Of the thirty-three states, all have been grouped together with other states requiring the same total number of quarter hours except Arkansas with thirty-eight quarter hours, and Colorado with forty-six quarter hours. There seems to be a general tendency in the majority of the states to have similar requirements. The thirty-three states are divided into eight groups with the exception of the two mentioned above.

Of course there are always extreme cases, and this study has instances of such cases. The range is from nine quarter hours as a minimum physical education requirement in
exas up to sixty-nine quarter hours in Ohio. The author was not able to determine the definite quarter hour requirements for Massachusetts because graduation from an approved four-year school was the only specification given in this connection.

There is some weakness when studying specific academic physical education requirements in each state, because only nineteen states reported specific requirements. The others mentioned total quarter hours in the field of specialization and left the choice of courses to the individual. Granting this weakness, a comparison will be made. After studying the previous chapter, it is found that there is a difference in certification requirements of sixty quarter hours between Texas and Ohio. Texas does not require graduation from a college or university. One can receive a certificate there with three years of college and nine quarter hours of study in the field of physical education. Here is a point worth considering. Teachers frequently talk and read about becoming more professional and seeking acceptance as a professional group, but as long as standards for certification stay as low as they are in some states, teachers as a whole cannot expect to be accepted as a truly professional group. Of course Texas is an extreme case, but other professions do not allow inadequately prepared people to come into their fields, so why should teachers?
Suppose for a moment that a doctor were allowed to practice medicine after three years of school and nine quarter hours in his specific field. How competent would he be considered? Regardless of their specialization, is there a great deal of difference between a doctor and a teacher? Doctors specialize too, but they still have to be prepared. Some critics say there is a great deal of difference between doctors and teachers because with medicine or surgery the matter of life or death enters the situation. An incompetent physical education teacher, or for that matter any teacher, could do tremendous damage to a child. Teachers cannot sell themselves to the public until they professional, and that does not come about readily when low certification standards are prevalent.

Consider the physical education teacher that accepts a position after only nine quarter hours of specialization. He probably has only a vague idea of physical education at most, and when he meets his class for the first time and is confronted with posture defects, health problems, emergencies requiring first aid, and so forth, he is going to be lost and must get his information and assistance from someone else. The untrained or poorly trained individual cannot do an adequate job. Again this is an extreme case, but there are seven states that do not require at least twenty-three quarter hours of training.
In most schools of physical education less than twenty-three quarter hours does not adequately cover the material which is very essential if the person hopes to be trained in his position. Many physical educators feel that forty-five or fifty quarter credits is a minimum, and the trend is definitely toward higher standards. In only one case was there an indication of lowering of standards and that was in Mississippi. The Mississippi Education Association recommended a lowering of certification standards in physical education to the State Department, and this recommendation is being accepted according to Mr. Bilbo Young, Mississippi State Superintendent of Public Instruction.\footnote{State Regulations for Certification of Teachers, State Department of Public Instruction, Jackson, Mississippi.}

Take a look at the other extreme. Ohio requires sixty-nine quarter credits; Rhode Island and Indiana each require sixty; Delaware fifty-nine; New York and California each require fifty-four. Standards such as these are certainly professional, provided the general and education requirements are adequate.

In contrast with Texas requirements the following are a sampling of required courses in the above states: Anatomy, Physiology, Kinesiology; Personal and Community Hygiene; Physical Education Skills and Techniques; Safety and First Aid; Physical Inspection and Correctives; History, Principles
Methods and Materials in Health and Physical Education; Curriculum in Physical Education; Organization and Administration of Health and Physical Education; Zoology, Bacteriology, Chemistry, and Biology; Coaching Methods; Recreation and Leisure Time Activities; Tests and Measurements in Physical Education.

The physical educator in the above six states would probably feel quite capable of handling problems that the untrained person was not in a position to do.

The following courses are listed by at least ten of the nineteen states reporting specific courses or choices of courses: Anatomy, Physiology and Kinesiology; Physical Education Skills and Techniques; Safety and First Aid; History, Principles and Philosophy of Physical Education; Organization and Administration of Physical Education; Recreation and Leisure Time Activities.
CHAPTER IV

COMPARISON OF SALARIES AND CERTIFICATION REQUIREMENTS

There has been, and very likely always will be, differences in ability of schools to raise money. A prime example of this is the struggle that people seeking to enact minimum salary laws have had in order to be passed in some states. Minimum salary laws have been an impossibility in certain states (Alabama, Arkansas, and Florida) because a school district cannot pay money that it does not have, and some districts do not have the resources to meet even a modest state minimum requirement. Some kind of state aid on an equalization basis is needed to make a minimum salary law effective.

Minimum salary laws should help the teacher. They will prevent bargaining with teachers at salaries below a reasonable rate, and will keep salaries up in rural areas where they are likely to be very low, without some form of state-guaranteed minimum. This will put teachers on a more professional basis. In most states where state aid is given (thirty-one, to be exact) the state aid is figured so as to give more money for teachers of high qualifications and less money for teachers with low qualifications. This serves three purposes: (1) the school districts are
encouraged to employ superior personnel, (2) teachers in service are encouraged to improve their preparation, and (3) the funds from the state are better fitted to the actual needs of the local district.

Some states are very proud of their minimum salary scale, but have made no provision for a graduating scale; a beginning teacher could be making just as much as an experienced teacher with more training. These states fail to realize that teachers need some incentive for continuing their professional growth, and if additional training and experience are not recognized as being worth added increment, then school districts are not looking at the long range program. Why shouldn't an experienced teacher with more training get more money than a beginning teacher? Most educators agree that they should, but do not agree on how to get it. Perhaps state or federal aid is the answer.

When discussing salaries of physical education teachers, the 1949-50 classroom teachers' salaries as taken from the National Education Association Journal are being used. The physical education teacher usually gets more salary than the classroom teacher, not because of his field but because he sometimes coaches and has added increment for

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this work. Take away the extra pay for coaching and his salary would be quite comparable to a classroom teacher.

Consider the average classroom teacher's salary for the main group of states as pertains to quarter hours of physical education (23 quarter hours to 46 quarter hours inclusive). The salary range is from $1416.00 in Mississippi to $3594.00 in Maryland. Generally, not always, the states with low certification requirements have low salaries. The twenty-three (23) quarter hour group has only two states giving average salaries over $2900.00 (Michigan $3420.00 and Arizona $3556.00) while the forty-five (45) quarter hour group (Pennsylvania, Florida, Maryland, and Oregon) all offer salaries over $2900.00. Of the twenty-four (24) quarter hour group only one, Illinois, tops $2900.00, while Mississippi is the lowest with $1416.00. The twenty-seven (27) quarter hour group has only one, New Jersey, over $2900.00. Of the five members in the thirty (30) quarter hour group, four of them pay better than $2900.00, but South Dakota offers only $2064.00. The six members in the thirty-six (36) quarter hour group have one state, Nevada, offering more than $2900.00, while the rest are very low. Arkansas, requiring thirty-eight (38) quarter hours specialization, pays only $1801.00. Colorado with a forty-six (46) quarter hour requirement offers $2821.00 as an average salary, but fourteen other states of this middle group offer better salaries.
Looking at the extreme of requirement, states with lowest requirements are not lowest in average salary paid. Texas with a minimum of nine (9) quarter hours in physical education still has an average salary of $3122.00, which is comparable to Ohio ($3089.00) with sixty-nine (69) quarter hour credits, Rhode Island ($3294.00) with sixty (60), and Delaware ($3273.00) with fifty-nine (59) quarter credits as its requirement. This is a situation that should not exist.

Teachers in other states do not want Texas teachers to get less pay, but through Federal or State aid there should be a way to increase the salary of teachers who are required to meet higher certification standards. It is very frustrating for a teacher who must go to college for better than five years and specialize to the extent of fifty-nine or sixty-nine quarter credits to be receiving the same salary as the teacher that does not have a four-year degree and has only nine quarter hours of specialization.

The states that have an average salary of less than $2000.00 (Mississippi, Kentucky, South Carolina, Arkansas, and Georgia) are all grouped in the southeast section of the United States. The entire group of southeastern states, with the exception of Florida ($2958.00), average $2688.00.

The states that have an average salary of $3200.00 or more are grouped in two areas, which are north northeast and west southwest sections of the United States. These states are: Michigan, Illinois, New Jersey, Maryland, Massachusetts,
Rhode Island, Indiana, Delaware, New York, Washington, Oregon, Nevada, California, Arizona and New Mexico.

The average salary of teachers in states of the south southeast section of the United States, considering all states in that area, is $2362.00, and the average physical education requirement is twenty-eight (28) quarter hours. Since the national average is $3012.00, salaries in the above states are very low.

The average salary of the states in the north northeast and west southwest sections are $3247.00, and the physical education requirement is thirty-eight (38) quarter hours. Here is a difference of $900.00 in salary and ten quarter hours of preparation.

This is significant to the educators in states where low salaries are common, because it shows that there is a relationship between salaries and certification standards. If these people would raise their standards to more professional requirements, then they could ask for, and very likely get, higher salaries. Granting that certification is not the only reason for low or high salaries, it certainly is a factor.