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A SURVEY OF CERTIFICATION REQUIREMENTS FOR
TEACHERS IN THE JUNIOR HIGH SCHOOLS
IN THE UNITED STATES

by

RAYMUNDA DALHOFF NEUMANN

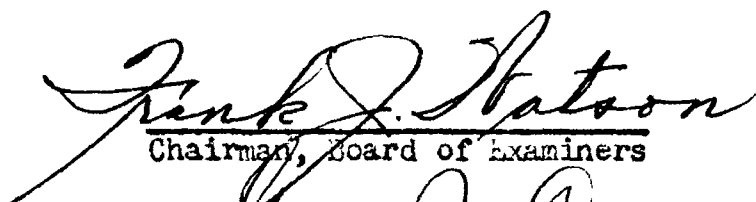
B. A., Montana State University, 1943

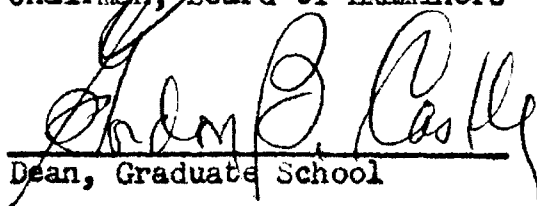
Presented in partial fulfillment of the
requirements for the degree of
Master of Arts


MONTANA STATE UNIVERSITY

1955

Approved by:


Chairman, Board of Examiners


Dean, Graduate School


Date

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CHAPTER I

INTRODUCTION

In the early history of the United States no certificate was required before one could teach. A teacher needed only to convince the district trustees that he could write, cipher, and maintain discipline. In later years, upon passing satisfactorily teachers' examinations set up by the district school trustees, the county superintendent of schools, or the state superintendent of schools, a permit was granted which entitled one to teach all subjects and lead all activities. This permit was valid for teaching the ABC's or for the principalship.

Very slowly the states began setting up requirements for certification of teachers in respect to the various teaching fields. At the present time emphasis in certification of teachers has been transferred from passing examinations to attendance at a training institution either established by the state, or recognized by it.

Definition of Terms

The writer of this paper wishes to define certificate as a written statement legally declaring that the holder meets the conditions under which he may be licensed to teach as prescribed by the State Department of Education or the State Department of Public Instruction. A teacher in a public school is engaged in a state function. To obtain a valid contract to perform this state function, a teacher needs to be properly certified.

The grade arrangement in the junior high school may include only

two years--the seventh and eighth grades, or three years--the seventh, eighth, and ninth grades.

The source of the original idea of a separate three-year junior high school is not known. Information in regard to the first two systems to adopt the separate three-year junior high school is given as follows:

The two first systems to gain nation-wide attention for the introduction of the 6-3-3 plan organization were those of Columbus, Ohio, and Berkeley, California. Columbus claims to have had the first three-year intermediate school, established in September 1909, and was the first to call it a junior high school. Berkeley, California, however, with the establishment of two introductory high schools in January 1910, lays claim to being the first community to introduce into the new type of school a modified program designed especially to meet the needs of youth in early adolescent years.¹

The grade arrangement most authorities agree, is of less importance than the instructional program with properly educated and certified teachers. In this survey the junior high school is defined as "an institution which provides an educational program that is well suited to the needs of youth in early adolescence."²

The purposes of this survey were (1) to make a study of present certification requirements for the teachers in the junior high schools in the United States, and (2) to determine what states have, in addition to the normal professional requirements, general requirements, such as health certificate and/or chest X-ray, oath of allegiance, courses on the Constitution of the United States, Constitution of the State, state history, government, and school law.

1. Walter T. Gruhn, "Junior High School," Encyclopedia of Educational Research (New York: The Macmillan Company, 1950), 635-636.

2. Ibid., 636.

No study was made of the certification requirements of the parochial and private school personnel in their respective junior high school areas.

All youth in the junior high schools are entitled to a normal, happy school life. The thought necessarily follows that the teachers should be well trained to help students at this age to adapt themselves to their needs and privileges. Therefore, this survey was made of the requirements for certification of teachers in the junior high schools in the United States.

Materials of a related nature were found in the annual report of the Chicago University Press, which was confined to initial or beginning certification requirements of public school personnel. A similar manual of certification requirements for school personnel in the United States was published by the National Education Association in the United States in 1951 and again in 1953.

No one except the properly designated authority in each state can issue certificates to educational personnel. For this reason the bulletins available on school personnel certification in each state were used in making this survey.

A letter was sent to the certification officer in each state. Ten cents for mailing expense was enclosed with each request.

The junior high school certification requirements in the various states were studied in the order of the five regional accrediting associations as follows: (1) New England Association, (2) Middle States Association, (3) North Central Association, (4) Southern Association, and (5) Northwest Association. The pertinent materials for each state

were treated in alphabetical order under the five regional accrediting associations.

Tables were used to record data for types of certificates acceptable for teaching in junior high schools and for general certification requirements for teaching in junior high schools. Maps were used to show the five regional accrediting associations.

CHAPTER II
CERTIFICATION REQUIREMENTS FOR TEACHERS
IN THE JUNIOR HIGH SCHOOLS
IN THE UNITED STATES

In this chapter were listed the names of the certificates and the certification requirements for teachers in the junior high schools in the forty-six states included in this survey, (Georgia and Pennsylvania did not supply data).

The requirements were listed as (1) general requirements, such as general health certificate and/or chest X-ray, oath of allegiance, courses on the Constitution of the United States, Constitution of the State, state history, government, and school law; (2) professional education requirements; (3) general education requirements; and (4) subject field requirements. The term "hour" as used in these certification standards means semester hour.

A. NEW ENGLAND ASSOCIATION

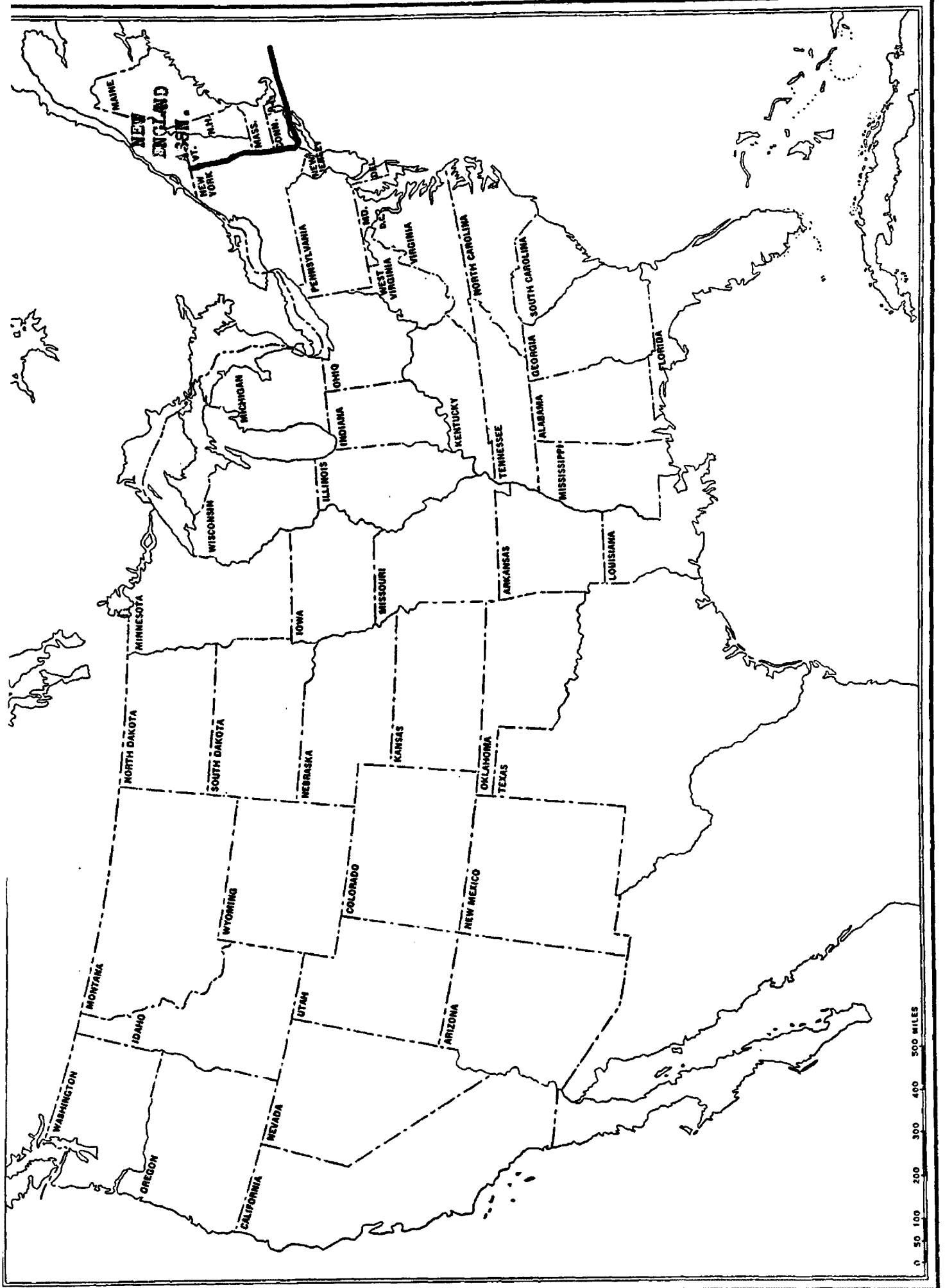
Connecticut

General Requirements

The certificates designed for teachers in the junior high schools in Connecticut were the Elementary Teaching Certificate and the Secondary Teaching Certificate. The general requirements for these certificates were (1) a health certificate, (2) a chest X-ray, and (3) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Elementary Certificate thirty hours appropriate to the



MAP SHOWING STATES INCLUDED IN NEW ENGLAND ASSOCIATION

level for which the certificate was sought must have been selected from the following areas (A, B, C, and D must have been included):

A. Foundations of education: psychology of learning, principles of education, philosophy of education, comparative education, and community sociology, community resources, and social anthropology.

B. Educational psychology: psychology of learning, human growth and development, child or adolescent psychology, and mental hygiene.

C. Curriculum and methods of teaching: methods of teaching, the teaching of reading, audio-visual aids in education, individualizing instruction, educational measurements, principles of curriculum construction, the curriculum at a particular level, the curriculum in one specific field, and extra-curricular activities.

D. Supervised observation, participation, and full time responsible teaching, totaling at least six but not more than twelve hours.

E. Guidance: principles of guidance, counseling, vocational guidance, educational guidance, research in guidance, and student personnel problems.

F. Health education: personal health problems, school health problems, nutrition, health administration, and biology.

For the Secondary Certificate eighteen hours in secondary education must have been selected from the following areas (A, B, C, and D must have been included).

A. Foundations of education: history of education, principles of education, philosophy of education, comparative education, community sociology, community resources, and social anthropology.

B. Educational psychology: psychology of learning, human growth and development, child or adolescent psychology, and mental hygiene.

C. Curriculum and methods of teaching: methods of teaching, the teaching of reading, audio-visual aids in education, individualizing instruction, educational measurements, principles of curriculum construction, the curriculum at a particular level, the curriculum in one specific field, and extra-curricular activities.

D. Supervised observation and student teaching, totaling six hours but not more than twelve hours.

E. Guidance: principles of personal health problems, school health problems, nutrition, health administration, and biology.

General Education Requirements

For the Elementary Certificate seventy-five hours were required, including language arts 6; science, mathematics, social sciences (including United States history) 6; fine arts (including music), physical education; and health and safety.

For the Secondary Certificate forty-five hours were required, including English 6; social sciences (including United States history) 6; and three of the following areas: science, mathematics, fine arts, physical education, health and safety, and foreign languages.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate the following hours were required:

A. Business education 18; English 30; history 18; one language (classical or modern) 18; two languages (classical or modern) 30; general

science 21; social science 30; mathematics 18; driver education 3; and science (biological, earth, or physical)18.¹

Maine

General Requirements

The certificate designed for teachers in the junior high schools in Maine was the Junior High School Certificate. The general requirement for this certificate was a bachelor's degree from an approved institution.

Professional Education Requirements

A minimum of 18 semester credit hours in approved general secondary education, of which not less than twelve semester credit hours are from the following areas: Measurement, Junior High Curriculum, Guidance, Junior High Methods, Audio-Visual, Education Student Teaching (7, 8, 9), Course work carried under specific titling, "Junior High School".²

General Education Requirements and Subject Field Requirements

Evidence of established major and minor fields in general subjects commonly taught in junior high schools, or a minimum of forty semester credit hours within an area of special subjects (i.e., Social Studies, Natural Sciences, Modern Languages).³

Massachusetts

General Requirements

The certificates designed for teachers in the junior high schools

-
1. Revisions of Regulations Concerning Certificates for Professional Personnel in Connecticut Public School Service, Connecticut State Board of Education, Hartford, Connecticut, 1954.
 2. State Certification of Teachers, Department of Education, Augusta, Maine, 1953.
 3. Ibid.

in Massachusetts were the Elementary School Certificate and the Secondary School Certificate. The general requirements for these were (1) a health certificate, (2) a chest X-ray, and (3) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Elementary Certificate eighteen hours in elementary education were required, including student teaching 2; and two or more of the following areas: educational psychology, child growth and development, philosophy of education, methods and materials in elementary education, and curriculum development in the elementary school.

For the Secondary Certificate twelve hours in secondary education were required, including student teaching 2; and two or more of the following areas: educational psychology, philosophy of education, methods and materials in secondary education, and curriculum development in secondary education.

General Education Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate none was required.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate eighteen hours of preparation at the college level were required in the major subject field or fields, and nine hours were required in the minor subject field or fields.⁴

4. Requirements for Certification of Teachers, Principals, Supervisors, Superintendents in Public Schools of the Commonwealth of Massachusetts, Board of Education, Boston, Massachusetts, 1953.

New Hampshire

General Requirements

The certificates designed for teachers in the junior high schools in New Hampshire were the Elementary Certificate and the Secondary Certificate. The general requirements for these were (1) an oath of allegiance, and (2) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Elementary Certificate the following requirements were established:

A candidate for certification as an elementary teacher shall have completed a four or five-year teacher preparation curriculum in a standard post-secondary institution designed to prepare elementary school teachers and have six semester hours of credit in supervised student teaching.⁵

For the Secondary Certificate the following requirements were established:

Fifteen semester hours in Education courses (e.g., Methods of Teaching, Educational Psychology, Principles of Education, Educational Sociology, History of Education, Tests and Measurements, Guidance, Mental Hygiene for Teachers, Child Behavior, etc.) and 6 semester hours of supervised student teaching. Teachers of Music, Art, and Physical Education shall include 6 semester hours in Principles or Methods of Teaching in the Elementary and in Secondary Schools according to their respective field.⁶

General Education Requirements

For the Elementary Certificate none was required.

5. New Hampshire State Board of Education Regulations Governing the Approval of Superintendents, Headmasters, Principals, Teachers and other Educational Personnel in the Public Schools of New Hampshire, Concord, New Hampshire, 1950.

6. Ibid.

For the Secondary Certificate none was required.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate one major teaching field of eighteen hours was required for social studies, science, English, mathematics, industrial arts, music, art, physical education, modern foreign languages and Latin. Twenty-four hours in home economics were required. One minor teaching field was required, six hours in each subject taught.⁷

Rhode Island

General Requirements

The certificates designed for teachers in the junior high schools in Rhode Island were the Elementary Certificate and the Secondary Certificate. The general requirements for these were (1) a health certificate, (2) pledge of loyalty, and (3) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Elementary Certificate the following requirements were established:

Thirty semester hours of education courses approved for the preparation of elementary school teachers including Rhode Island education and not less than six nor more than twelve semester hours of Practice Teaching.⁸

For the Secondary Certificate the following requirements were

7. Ibid.

8. State Board of Education, Providence, Rhode Island.

established:

Twenty-four semester hours of education courses approved for the preparation of secondary school teachers including Rhode Island Education and not less than six nor more than twelve semester hours of Practice Teaching.⁹

General Education Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate none was required.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Secondary Certificate the hours in the following fields were required: English 15; social studies other than history 15; history 15; mathematics 15; general science 15; biological sciences 15; physical sciences 15; the sciences 30; a foreign language 15; and a classical language 15.¹⁰

Vermont

General Requirements

The certificate designed for teachers in the junior high schools in Vermont was the Junior High School Professional Standard Certificate. The general requirements for this certificate were (1) to sign the teachers' oath, (2) a bachelor's degree from an approved secondary school, and (3) a minimum of two years of satisfactory teaching experience and a recommendation for this type of certificate from the last superintendent.

9. Ibid.

10. Ibid.

The Junior High School Professional Certificate was obtained by any one of the three ways listed below:

(a) A bachelor's degree based upon the completion of a program for the education of junior high school teachers from an institution approved for teacher education by the State Board of Education.

Or

(b) Eligibility for an Elementary Professional Standard or Elementary Professional Probationary Certificate and the satisfactory completion of the following semester hours: (Courses completed in training for an elementary certificate need not, of course, be repeated) Mathematics 6, Junior High Education 6, Guidance or Mental Hygiene 3, Practice Teaching in one or more of grades 5, 6, 7, 8, 9--3;

Or

(c) Eligibility for a Secondary Professional Standard or Probationary Certificate and the satisfactory completion of the following semester hours: Junior High Education 6, Child Development 3, Reading Instruction 3, Elementary School Curriculum, Principles of Elementary Education, and Teaching Procedures including Student Teaching in one or more of grades 5, 6, 7, 8, 9.¹¹

11. Certification Regulations, State Board of Education, Montpelier, Vermont, 1953.

MIDDLE STATES ASSOCIATION

Delaware

General Requirements

The certificates designed for teachers in the junior high schools in Delaware were the Collegiate Certificate in Elementary Education and the High School Teachers' Certificate. The general requirements for these were (1) a health certificate, and (2) a bachelor's degree from an approved college or university.

Professional Education Requirements

For the Collegiate Certificate in Elementary Education the following requirements were established:

Thirty semester hours in elementary education, including psychology, curriculum methods, evaluation, and student teaching and special methods in the teaching of reading.¹²

For the High School Teachers' Certificate the following requirements were established:

Eighteen semester hours work in the aims and methods of secondary education, which may include psychology (not to exceed six semester hours), philosophy of education, principles of secondary education, practice teaching of high school branches to the extent of six semester hours...¹³

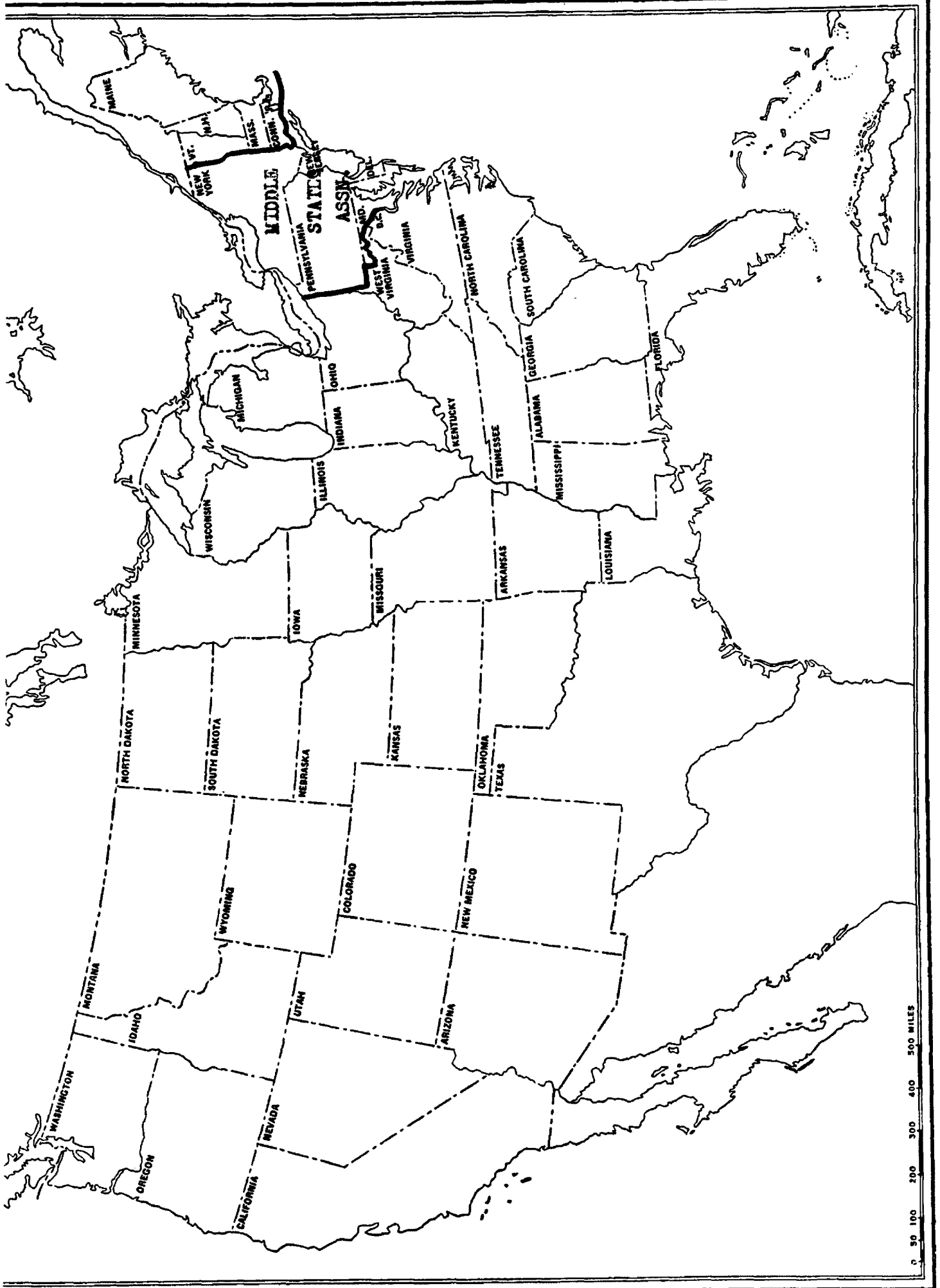
General Education Requirements

For the Collegiate Certificate in Elementary Education none was required.

For the High School Teachers' Certificate none was required.

12. Certification Rules and Regulations, Department of Public Instruction, Dover, Delaware, 1952.

13. Ibid.



MAP SHOWING STATES INCLUDED IN MIDDLE STATES ASSOCIATION

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Subject Field Requirements

For the Collegiate Certificate in Elementary Education none was required.

For the High School Teachers' Certificate the following hours were required: English 18; mathematics 18; the sciences 18; foreign language 18; social studies 18; United States history 6; agriculture with technical phases 55, professional phases 21, and two years successful farm experience since the age of 14; home economics with technical phases 40, professional phases 18, related work 31, and for home management 6 weeks of residence.¹⁴

Maryland

General Requirements

The certificate designed for teachers in the junior high schools in Maryland was the Junior High School Certificate. The general requirements for this certificate were (1) the health certificate, (2) an oath of allegiance, and (3) a bachelor's degree in a four year standard course.

Professional Education Requirements

...sixteen semester hours in education, including adolescent psychology and principles and methods of teaching in the junior high school and at least twenty-five clock hours of practice teaching in the core curriculum.¹⁵

General Education Requirements

Twelve hours were required in each of the following subjects:

14. Ibid.

15. Maryland School Bulletin, Maryland State Department of Education, Baltimore, Maryland, 1952.

English, social studies, and science.

Subject Field Requirements

For certification in any one subject the applicant must meet the same content requirements as for the high school teacher's certificate and must present special methods and practice teaching in the subject.¹⁶

The Subject Field Requirement was further explained as follows: teachers of the academic subjects were required to have eighteen to twenty-seven hours in any subject in which the certificate was issued. Teachers of special subjects required thirty hours in the special subject. Teachers of vocational agriculture or home economics required special emphasis on the subject and related science.¹⁷

New Jersey

General Requirements

The certificates designed for teachers in the junior high schools in New Jersey were the Elementary Certificate and the Secondary Certificate. The general requirements for these were (1) a health certificate, (2) oath of allegiance, and (3) a bachelor's degree from an accredited college.

Professional Education Requirements

For the Elementary Certificate the following requirements were established:

A minimum total of six semester-hour credits in elementary school professional fields, in separate or integrated courses including: Principles and Practices of Elementary

16. Ibid.

17. Ibid.

Education, Elementary School Curriculum, and Child Growth and Development, ninety clock hours must be devoted to classroom teaching and sixty clock hours may be employed in observation and methods.¹⁸

For the Secondary Certificate the following requirements were established:

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:

- a. Methods of teaching.... (1) methods of teaching in secondary schools, (2) visual aids, (3) individualizing instruction.
- b. Educational psychology ... (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
- c. Health education.... (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
- d. Foundations of education.... (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
- e. Curriculum.... (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of curriculum in one specific field, and (4) extra-curricular activities.
- f. Guidance.... (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems. Ninety clock hours must be devoted to classroom teaching and sixty clock hours in observation and participation.¹⁹

General Education Requirements

For the Elementary Certificate the following requirements were established:

18. Steps in Obtaining Appropriate Certification and Information Concerning Certification, State Department of Education, Trenton, New Jersey.

19. Ibid.

A minimum of thirty semester-hour credits in background courses chosen from at least three of the following areas: English, social studies, science, fine arts, mathematics and foreign languages. Six semester-hour credits in English and six in social studies will be required.²⁰

For the Secondary Certificate the requirements were the same as for the Elementary Certificate.

Subject Field Requirements

For the Elementary Certificate the following requirements were established:

A minimum total of twenty-four semester-hour credits in the elementary subject fields including work in each of the following areas of elementary education. The work may be in separate or integrated courses, but will include both primary and upper elementary grade levels. Arts and Crafts, Geography, Health and Education, History, Language Arts, Mathematics, Music, Reading, and Science.²¹

For the Secondary Certificate one teaching field with twenty-four hours was required.²²

New York

General Requirements

The certificate designed for teachers in the junior high schools in New York was the High School Certificate. The general requirements for this certificate were (1) a health certificate, (2) a bachelor's degree or equivalent plus 30 semester hours in approved advanced courses.

Professional Education Requirements

The teachers of the academic subjects were required to have:

20. Ibid.

21. Ibid.

22. Ibid.

Eighteen semester hours in professional courses approved for secondary teaching, ...

- (1) Supervised student teaching in secondary schools including conferences on teaching problems 2 to 6 hours,
- (2) Secondary school methods and materials including methods of teaching the subjects for which the certificate is to be issued 2 to 9 semester hours,
- (3) Adolescent development and/or psychology for teachers 2 to 9 semester hours,
- (4) History, principles, problems, and/or philosophy of education 2 to 6 semester hours.²³

General Education Requirements

None was required.

Subject Field Requirements

The minimum preparation in appropriate academic study indicated in semester hours in the subject field or fields for which the certificate is to be issued: English 18, a foreign language 18*, History 18*, Mathematics 15*, Biological sciences 18*, Physical sciences 18*, The romance languages (any two) 30, the classical languages 30, the social studies 30*, the sciences 30*.²⁴

*Based on two units of entrance credit. (Data were received on the requirements for academic subjects only).²⁵

23. Certificates for Teaching Service, State Department of Education, Albany, New York, 1943.

24. Ibid.

25. Ibid.

SOUTHERN ASSOCIATION

Alabama

General Requirements

Various professional certificates and non-professional certificates were listed for teachers in the junior high schools in Alabama. The class B Secondary Professional Certificate was selected, since it was the first certificate listed as valid for the junior high schools. The general requirements were: (1) a chest x-ray, and (2) a bachelor's degree from an accredited college or university.

Professional Education Requirements

Twenty-four semester hours; Psychology 6 - 10; Principles of Philosophy 4 - 6; Materials and Methods of Teaching Major or Minor Subjects in High School 2 - 6; Directed Teaching of Major or Minor Subjects in High Schools 3 - 8; Electives in the field of Secondary Education 0 - 10.²⁶

General Education Requirements

The following hours were required: English 12; social studies 12; and science 12.

Subject Field Requirements

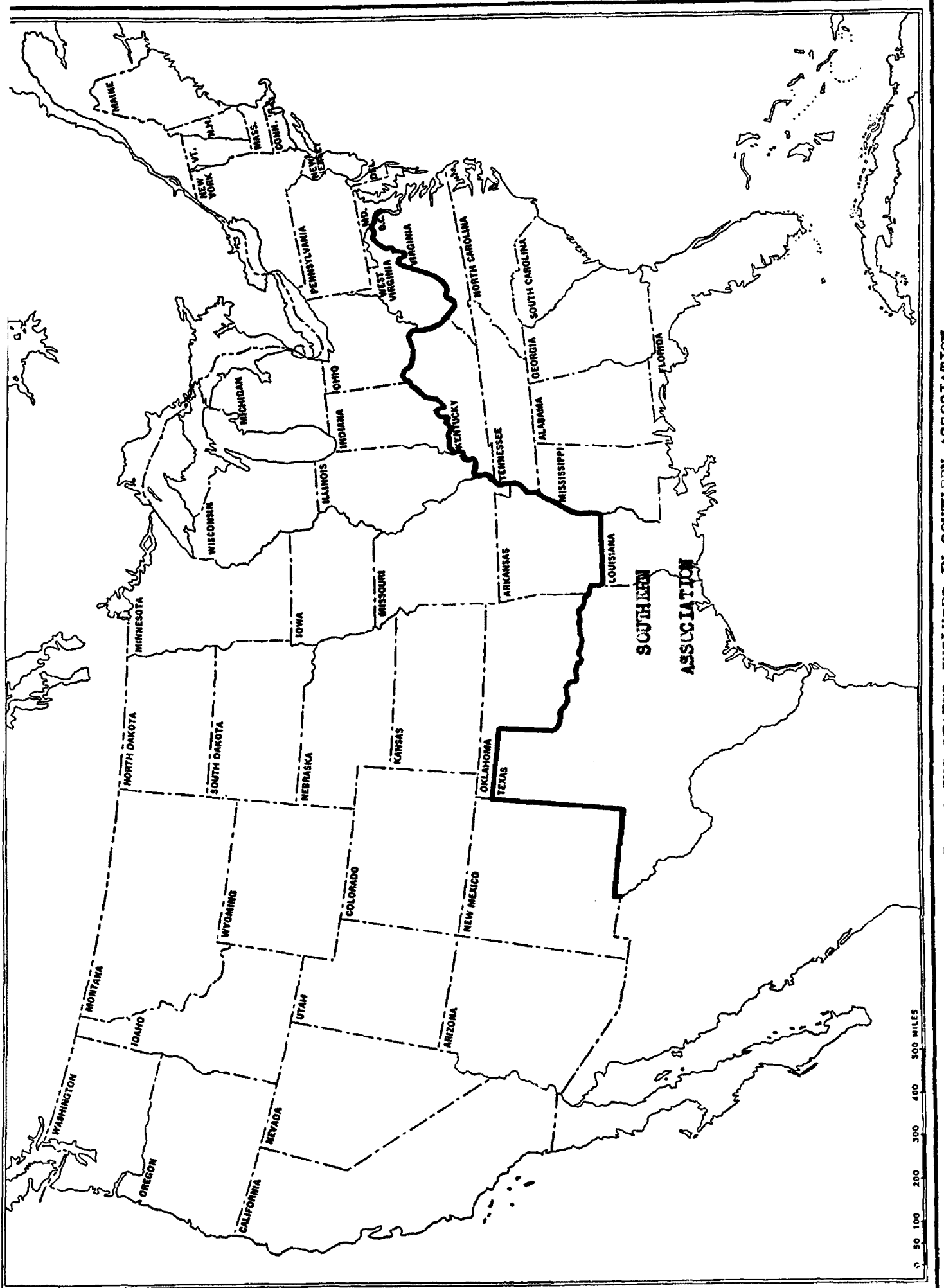
A major of twenty-four to thirty hours in an approved subject was required and a minor of eighteen hours in an approved subject was required.²⁷

Florida

General Requirements

26. Certification of Alabama Teachers, State Board of Education, Montgomery, Alabama.

27. Ibid.



MAP SHOWING STATES INCLUDED IN SOUTHERN ASSOCIATION

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The certificate designed for teachers in the junior high schools in Florida was the Graduate Certificate for Junior and Senior High Schools. All beginning teachers received this certificate. The general requirements were (1) a health certificate, (2) an oath of allegiance, and (3) a bachelor's degree based on four years work from a standard institution.

Professional Education Requirements

Twenty hours in education were required: foundations of education 6; teaching in the secondary and/or elementary school (with at least 3 at secondary level) 6; special methods 2; and practical experience 6.

General Education Requirements

Forty-five hours were required: the arts of communication 6 to 12; human adjustment 6 to 12; biological and physical science 6 to 12; social studies 6 to 12; and humanities and applied arts 6 to 12.

Subject Field Requirements

The following hours were required: English 30; social studies 30; foreign languages (advanced work) 18; second foreign language (advanced work) 12; science 32; single science subjects 15; mathematics 15; business education 30; art (grades 1 - 12) 30; Bible 12; agriculture (vocational special recognition; driver education 6; health education 30; home economics 36; home economics (vocational) special recognition; industrial arts 30; journalism 12; music 36; and physical education 30.²⁸

28. State Board Regulations Relating to Florida Requirements for Teacher Education and Certification, State Department of Education, Tallahassee, Florida, 1953.

Kentucky

General Requirements

The certificates designed for teachers in the junior high schools in Kentucky were the Elementary Teaching Certificate and the Provisional High School Certificate. Only one general requirement, a bachelor's degree from a standard college or university, was listed.

Professional Education Requirements

For the Standard Elementary Certificate twenty-eight hours were required: child growth and development 6; techniques 6; fundamentals of elementary education 8; supervised teaching 8; (guidance is desirable).

For the Provisional High School Certificate eighteen hours were required: child growth and development, fundamentals of secondary education and organization and administration of a public school system 9 or 10; and student teaching 8 or 9.

General Education Requirements

For the Elementary Teaching Certificate the following hours were required: English 18; science 12; social studies 21; fine arts 12; and health 6.

For the Provisional High School Certificate forty-five hours were required in the minimum general and core requirements.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Provisional High School Certificate the following were required: one major of forty-eight hours; or two majors of twenty-four hours each; English major 30; speech and dramatics major 30; or one

major of twenty-four hours and two minors of eighteen hours each; or one major and one minor when credit in both was forty-eight hours (54 when English was included as a major).²⁹

Louisiana

General Requirements

The data from Louisiana gave no information about the junior high school. The data given for the Upper Elementary Certificate and the High School Certificate were recorded. The general requirements were (1) an oath of allegiance, and (2) a bachelor's degree from an approved college.

Professional Education Requirements

For the Upper Elementary Certificate twenty-four hours were required, including at least 3 hours of history of education, introduction to education, foundations of education, and/or philosophy of education; at least 3 hours in educational psychology and/or principles of teaching; and at least 4 hours of student teaching in grades 4 to 8.

For the High School Certificate eighteen hours were required, including the same requirements as for the Upper Elementary Certificate, except the 4 hours in student teaching required in grades 7 to 12.

General Education Requirements

For the Upper Elementary Certificate forty-six hours were required, including English 12; social studies 12; science 12; mathematics 6; and health and physical education 4.

For the High School Certificate the requirements were the same as for the Upper Elementary Certificate.

29. Revising the Teacher Education and Certification Program, Department of Education, Frankfort, Kentucky, 1952.

Subject Field Requirements

For the Upper Elementary Certificate twenty-two hours were required, including children's literature 3; speech 3; general geography 3; Louisiana history and/or Louisiana geography 3; health and physical education 4; and music, art or industrial arts 6.

For the High School Certificate the following were required: English 12; speech 18; journalism 12; first foreign language 24; second foreign language 18; social studies 12; science 12 in addition to the 12 required under general education; mathematics 12; business education 36; and vocational agriculture 50.³⁰

Mississippi

General Requirements

Various elementary and secondary certificates for teachers in grades 1 to 8 and 7 to 12 in Mississippi were listed. The Class A Elementary Certificate and the Class A Secondary Certificate were selected, since these were the first certificates listed in their respective fields which required a bachelor's degree. The general requirements listed were (1) a health certificate, and (2) a bachelor's degree from an approved teacher training institution.

Professional Education Requirements

For the Class A Elementary Certificate the following requirements were established:

Twenty-four semester hours in the following areas:
Human Growth and Development or Child Psychology 3,

30. Louisiana Standards for Certification of School Personnel, State Board of Education, Baton Rouge, Louisiana, 1954.

Teacher and Community 3, Teaching of Reading and the Language Arts 3, Principles and Techniques of Teaching in Elementary Field 3, Directed Teaching in the Elementary Field 6, Electives 6.³¹

For the Class A Secondary Certificate the following requirements were established:

...eighteen semester hours...Educational Psychology 3, Human Growth and Development or Adolescent Psychology 3, Techniques and Procedures of Teaching in the Secondary Schools 6, Directed Teaching in the Secondary Field 6.³²

General Education Requirements

For the Class A Elementary Certificate forty-eight hours were required, including English 12; fine arts 3; health and physical education 6; science 12; social studies 12; and speech 3.

For the Class A Secondary Certificate the requirements were the same as for the Class A Elementary Certificate.

Subject Field Requirements

For the Class A Elementary Certificate twenty-one hours were required, including music for children 3; art for children 3; literature for children 3; science for children 3; arithmetic for children 3; social science for children; including conservation of resources 3; and elective 3.

For the Class A Secondary Certificate the following hours were required: agriculture (vocational) 60; business education 28 to 34; English 24; foreign language 12 plus two high school units; foreign

31. Mississippi Teacher Education and Certification, State Department of Education, Jackson, Mississippi, 1952.

32. Ibid.

language 18 if less than two high school units were earned; home economics (non-vocational) 30; home economics (vocational) 36; industrial arts 30; mathematics 18; science 32; social studies 24; and speech 24.³³

North Carolina

General Requirements

The certificate designed for teachers in the junior high schools in North Carolina was the High School Certificate, Class A. The general requirements for this certificate were (1) a health certificate, (2) a chest X-ray, and (3) graduation from a standard four year college.

Professional Education Requirements

Eighteen hours were required, including the pupil 6, the school 6; and teaching and practicum 6 (45 clock hours of actual teaching).

Academic Requirements

The requirements varied with the subject for which certification was granted. The following were required: art 30, Bible and Religion 21; commerce 36; distributive education 36; English 30; French 24 to 30; home economics 51; industrial arts 30; Latin 24; mathematics 21; general music 36; instrumental music 36; health and physical education full time teaching 36; health and physical education part time 15; health education 24; science 30; social studies 30; and agriculture B. S. degree.³⁴

33. Ibid.

34. Do You Want To Be a Teacher in North Carolina? State Superintendent of Public Instruction, Raleigh, North Carolina.

South Carolina

General Requirements

The certificate designed for teachers in the junior high schools in South Carolina was the Secondary School Certificate. The general requirements were (1) a health certificate, and (2) a bachelor's degree from an institution accredited by the State Board of Education.

Professional Education Requirements

Eighteen hours were required, including human growth and development, principles, philosophy and general techniques, and directed teaching.

General Education Requirements

Forty-five hours were required, including English 12; biological and physical sciences 12; social studies 12; fine arts 6; and health education.3.

Subject Field Requirements

The following hours were required: agriculture 48; art 24; business education 31 to 39; distributive education 24; English 24; health and physical education full time teaching 24; health and physical education part time teaching 12; home economics 42; industrial arts 24; French 18 to 24; Spanish 18 to 24; French-Spanish 30; Latin 12 to 24; library science 24; mathematics 18 to 24; public school music 30; directors of band or orchestra 33; piano, voice, violin, etc. 30; science 30; general science 18; social studies 30; and history 18.³⁵

35. Requirements for Teacher Education and Certification, State Board of Education, Columbia, South Carolina, 1948.

Tennessee

General Requirements

The certificates designed for teachers in the junior high schools in Tennessee were the Teachers' Provisional Certificate for grades 1 to 9 and the Teachers' Provisional Certificate for grades 7 to 12. The general requirement for these certificates was a bachelor's degree based on a four year college program.

Professional Education Requirements

For the Teachers' Provisional Certificate for grades 1 to 9 the following requirements were established:

A total of 24 semester hours in professional education, including core professional area, must be offered. Special professional courses in materials and methods of teaching shall place emphasis on the teaching of the arts, health and physical education, language arts, mathematics, science and conservation, and social studies - at least 6 semester hours credit to be given in this area. Supervised student teaching in grades 1 - 9 with at least 4 semester hours credit must be offered.³⁶

For the Teachers' Provisional Certificate for grades 7 to 12 the following requirements were established:

A total of 24 semester hours in professional education, including core professional areas, must be offered. Special professional courses in materials and methods of teaching shall place emphasis on teaching in one or more subject-matter fields—at least 6 semester hours credit to be completed in this area. Supervised student teaching in grades 7 - 12 must be represented with at least 4 semester hours credit.³⁷

36. Tennessee Regulations for the Certification of Teachers, State Board of Education, Nashville, Tennessee, 1952.

37. Ibid.

General Education Requirements

For the Teachers' Provisional Certificate for grades 1 to 9 and for the Teachers' Provisional Certificate for grades 7 to 12 forty hours were required, including: communication 6; health, personal development, or home and family living 6; humanities 10; natural sciences 8; social studies 8; and fundamental concepts of mathematics 2.

Subject Field Requirements

For the Teachers' Provisional Certificate for grades 1 to 9, the following hours were required: language arts 12; science and conservation 12; humanities 14; health and physical education 12; social studies 12; and mathematics 4.

For the Teachers' Provisional Certificate for grades 7 to 12 the following hours were required: English 30; foreign language 18; mathematics 18; science 36; general science 13; social studies 36; history 18; health education 18; art 24; health and physical education 24; business 21; fine and industrial arts 36; Bible 12; home economics (non-vocational) 24; speech 14; music 12; and vocational agriculture and vocational home economics needed special study.³⁸

Texas

The following information was received for teachers' certificates in Texas:

Statutory Certificates Based on College Credit.

1. Elementary Four-year Certificate or High School Two-year Certificate: 30 hours total college credit which must include 6 hours in education.

38. Ibid.

2. Elementary Six-year Certificate: 60 hours total college credits, which must include 12 hours in education.
3. High School Four-year Certificate: 60 hours total college credit, which must include 12 hours in education of which six must be secondary education.
4. High School Six-year Certificate: 90 hours total college credit, which must include 18 hours in education, six of which must be secondary education, and practice teaching.
5. Permanent High School Certificate:
 - (a) 120 hours total college credit and standard bachelor's degree, which must include 24 hours in education, and practice teaching; or
 - (b) Teach minimum of three sessions totaling 27 months, subsequent to conferring of degree, provided record shows 12 hours in education, 6 of which must be secondary.
6. Permanent Elementary Certificate:
 - (a) Completion of prescribed two-year schedule of studies in a Texas State Teachers College; or
 - (b) Teach minimum of five sessions of at least six months each in elementary grades during validity of elementary six-year certificate.

Notes - 1. Six hours of credit in English are required for each certificate listed above.

2. A course in Federal and Texas Constitution or six semester hours in American Government is prescribed for each certificate except the emergency. An exemption from this requirement is allowed all applicants who had earned 60 semester hours of college credit prior to September 1, 1929, or, who had completed a course in a Texas state-supported college prior to September 1, 1930.

3. The two-year high school certificate is not valid for teaching above elementary grades in accredited systems.³⁹

39. Requirements for Conventional Teachers Certificates, State of Texas, Austin, Texas.

Virginia

General Requirements

The certificate designed to teach in the junior high schools in Virginia was the High School Collegiate Professional Certificate. The general requirements were (1) a health certificate, and (2) a bachelor's degree.

Professional Education Requirements

Eighteen hours were required, including human growth and development, classroom management, materials and methods, student teaching, and relationship of the school to the community and society.

General Education Requirements

The following hours were required: English 12; social studies (including history of the United States) 12; natural science and/or mathematics 6; health, physical education and safety 6; and courses in music and fine arts.

Subject Field Requirements

The following hours were required: art 36; biology 12; business education 45; chemistry 12; dramatics 18; economics 12; English 18; foreign language 18; general science 18; geography 12; government 12; health and physical education 24; history 18; industrial arts 36; journalism 12; library science 18; mathematics 12; mechanical drawing 6; music 36; psychology 24; and agriculture and home economics needed special attention.⁴⁰

40. Certification Regulations for Teachers and Qualifications for Administrators and Supervisors, State Board of Education, Richmond, Virginia, 1950.

C. NORTH CENTRAL ASSOCIATION

Arizona

General Requirements

The certificates designed to teach in the junior high schools in Arizona were the Elementary Certificate and the Pre-Secondary Certificate. The general requirements were (1) a chest X-ray, (2) an oath of allegiance, (3) a college course in the Constitution of the United States and of Arizona, and (4) a bachelor's degree from an accredited teacher-training institution.

Professional Education Requirements

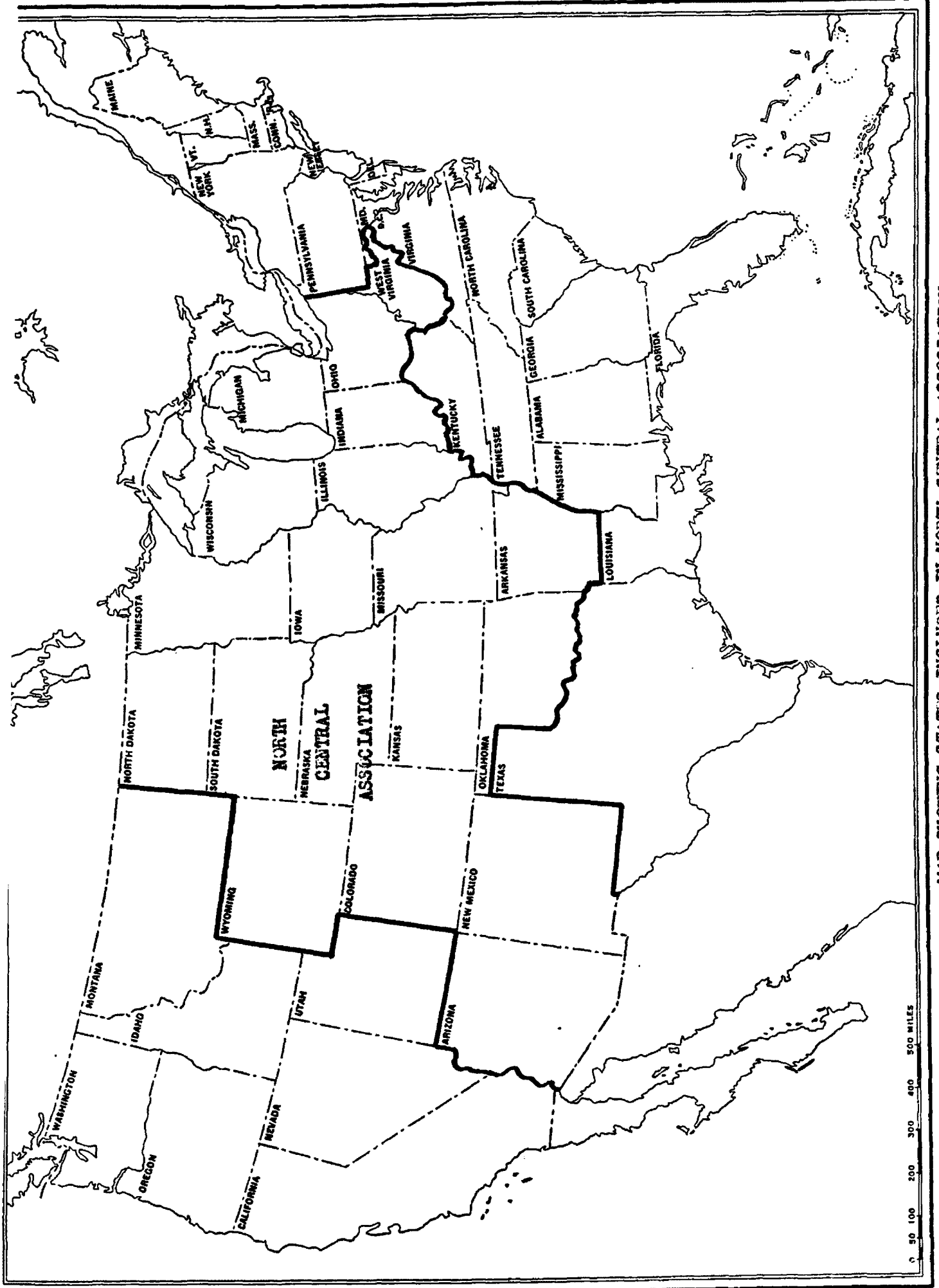
For the Elementary Certificate the following requirements were established:

The requirements shall be a major of twenty-four semester hours in education and psychology appropriate to elementary school teaching including these required courses: Psychology, Educational Psychology, Elementary School Curriculum and Techniques, Language Arts (including reading, language, spelling and writing), Education Tests and Measurements, Eight Semester hours of directed practice teaching, five of which must have been between grades one to nine inclusive, and three of which may be in any public school teaching field, School and Community Health.⁴¹

For the Pre-Secondary Certificate the following requirements were established:

Eighteen semester hours in education and psychology appropriate to secondary school teaching, including these required courses: Psychology, Educational Psychology, Educational Tests and Measurements, Philosophy or History of Education, High School Teaching Methods, Curriculum and

41. Rules and Regulations for Certification in Arizona, State Board of Education, Phoenix, Arizona, 1952.



MAP SHOWING STATES INCLUDED IN NORTH CENTRAL ASSOCIATION

Principles of Secondary Education, Five semester hours of directed teaching in grades 7 to 12, School and Community Health.⁴²

General Education Requirements

For the Elementary Certificate none was required.

For the Pre-Secondary Certificate none was required.

Subject Field Requirements

For the Elementary Certificate none was required.

For the Pre-Secondary Certificate the following requirements were established:

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

2. A major in a non-high-school field and two minors in fields or subjects usually taught in high schools.

Note: A non-high-school field is a subject not generally taught in junior and senior high schools, i.e., Archaeology, Psychology, Education, etc.⁴³

Arkansas

General Requirements

The certificate designed to teach in the junior high schools in Arkansas was the Junior High School Certificate. The general requirements were (1) a health certificate, and (2) sixty semester hours work of the High School Certificate in an approved college.

Professional Education Requirements

Twelve hours were required, including study of the school, of

42. Ibid.

43. Ibid.

the learning processes and of teaching, and directed teaching.

General Education Requirements

The following hours were required: English 9; social studies 9; science 6; and physical education, health and safety 6.

Subject Field Requirements

The following hours were required: English 15; mathematics 6; physical education 15; science 16; public school music 16; social studies 14; and foreign language 14. Agriculture and home economics were checked by state supervisors in the particular field involved.⁴⁴

Colorado

General Requirements

The certificate designed for teachers in the junior high schools in Colorado was the Non-Renewable Elementary Temporary Certificate. The general requirements were (1) an oath of allegiance, (2) a course in American history and/or government, and (3) 90 hours credit in an approved college, above graduation from a four-year high school.

Professional Education Requirements

Twenty hours distributed among at least three of the following groups were required, including four hours of Practice teaching, general and educational psychology, principles of education, history of education, administration and supervision of education, and special methods.

General Education Requirements

Seven hours were required, including philosophy, sociology,

44. Summary of Certification Rules and Regulations, Department of Education, Little Rock, Arkansas, 1954.

anthropology, biology, and political science.

Subject Field Requirements

None was required.⁴⁵

Illinois

General Requirements

The certificates designed for teachers in the junior high schools in Illinois were the Limited Elementary School Certificate and the Limited High School Certificate. The general requirements were (1) a health certificate, and (2) a bachelor's degree from a recognized college.

Professional Education Requirements

For the Limited Elementary School Certificate sixteen hours in the following requirements were established:

- (a) Educational psychology, Child psychology, Human growth and development 2 or 3,
- (b) Teaching and learning techniques in the modern elementary school and curricula problems 2 or 3,
- (c) Student Teaching (elementary level) 5,
- (d) Philosophy of Education 2 or 3,
- (e) American Public Education 2 or 3.⁴⁶

For the Limited State High School Certificate sixteen hours in the following requirements were established:

- (a) Adolescent Growth and Development or Educational Psychology 2 or 3,

45. The Law Governing the Issuance of Certificates, State Department of Education, Denver, Colorado.

46. Illinois State Teacher Certification Board, Springfield, Illinois, 1952.

- (b) Principles, or Philosophy of Education (including the study of professional ethics) 2 or 3,
- (c) Student Teaching (high school level) 5,
- (d) Materials and Methods in the Secondary School, or Methods of Teaching a Particular Secondary School subject 2 or 3,
- (e) American Public Education 2 or 3,
- (f) Electives in Professional Education 3.⁴⁷

General Education Requirements

For the Limited State Elementary School Certificate seventy-three to seventy-nine hours in the following requirements were established:

- (a) Language Arts 16 or 18,
- (b) Natural Science 16 to 18,
- (c) Social Science (including a course in American History and/or Government) 16 to 18,
- (d) Mathematics 5,
- (e) Health and Physical Education (must include a minimum of 2 semester hours in Materials and Methods of Instruction) 15,
- (f) Fine and Applied Arts (Music and Art) 12,
- (g) General Psychology 3.⁴⁸

For the Limited State High School Certificate thirty-nine hours in the following were established:

- (a) English (including oral and written expression) 18,
- (b) Natural Science 6,
- (c) Social Science (including a course in American History and/or government) 6,

47. Ibid.

48. Ibid.

- (d) Humanities 6,
- (e) Health and Physical Education 3,
- (f) Additional work in any of the above fields 6.⁴⁹

Subject Field Requirements

For the Limited State Elementary School Certificate none was required.

For the Limited State High School Certificate the following requirements were established:

One Major (area of specialization) 32 semester hours, One Minor (area of specialization sixteen semester hours.
 ...Three minors will be accepted in lieu of one minor and one major.⁵⁰

Indiana

General Requirements

The certificates designed for teachers in the junior high schools in Indiana were the General Provisional Elementary and the Provisional Secondary. The general requirements were (1) a health certificate, (2) oaths of allegiance to the United States and to the State of Indiana, and (3) a bachelor's degree.

Professional Education Requirements

The the General Provisional Elementary Certificate the following requirements were established:

Methods (Science 4, Language Arts 4, Social Sciences 4, Teachers Arithmetic 4) 16, Introduction to Education 4, Psychology 8, Principles of Teaching and Classroom Management 4, Educational Philosophy 4, Practicum 4, Student

49. Ibid.

50. Ibid.

Teaching 12.⁵¹

For the Provisional Secondary Certificate sixteen hours were required, including psychology and its application to Education 3; principles of teaching 3; secondary education 3; student teaching 3; and special methods 4.

General Education Requirements

For the General Provisional Elementary Certificate the following hours were required: social studies 15; science 15, English 15; physical education 2; music 5; art 5; mathematics 2; food and nutrition 2; and industrial arts 2.

For the Provisional Secondary Certificate none was required.

Subject Field Requirements

For the General Provisional Certificate none was required.

For the Provisional Secondary Certificate the following were required: one comprehensive area of forty hours and either a second comprehensive area, or one or two minor areas, which were either a restricted area with twenty hours in a subject, such as history, shorthand, etc., or a conditional area with eighteen hours in a subject.⁵²

Iowa

General Requirements

The certificates designed for teachers in the junior high schools in Iowa were the Professional Elementary Certificate and the Professional

51. Indiana Teacher Certification Requirements, Department of Public Instruction, Indianapolis, Indiana.

52. Ibid.

Secondary Certificate. The general requirements for these were (1) a health certificate, (2) American history or government, and (3) a bachelor's degree from a recognized institution.

Professional Education Requirements

For the Professional Elementary Certificate twenty hours were required, including preparation for elementary school teaching, orientation to teaching, school and community relationship, professional organization and ethics, psychology of learning, visual education, human growth and development, methods, and evaluation 6.

For the Professional Secondary Certificate the following were required: methods and evaluation (evaluation and emphasis on teaching in one or more high school subject-matter fields) 6; and student teaching 5.

General Education Requirements

For the Professional Elementary Certificate the following were required: English, arithmetic, reading, children's literature, music, art, physical sciences, health, geography, and speech correction.

For the Professional Secondary Certificate the requirements were the same as for the Professional Elementary Certificate.

Subject Field Requirements

For the Professional Elementary Certificate none was required.

For the Professional Secondary Certificate the following were required: one academic field 20; plus two additional fields of 15 each, or one field 30; plus one additional field of 20.⁵³

53. Certification and Approval of School Personnel, State Board of Public Instruction, Des Moines, Iowa, 1954.

Kansas

General Requirements

The certificates designed for teachers in the junior high schools in Kansas were the Degree Elementary Certificate and the Secondary Three-Year Certificate. The general requirement was a bachelor's degree from a four year college.

Professional Education Requirements

For the Degree Elementary Certificate the following hours were required: understanding the individual 6; understanding the school as a social institution 6; instruction at the elementary level (3 in directed teaching) 6; and electives 6.

For the Secondary Three-Year Certificate the following hours were required: understanding the individual 6; understanding the school as a social institution 6; and instruction at the secondary level (3 in directed teaching) 6.

General Education Requirements

For the Degree Elementary Certificate the following hours were required: social sciences 10; literature, language, art, philosophy or general religion 10; physical and biological sciences 10; and electives 15.

For the Secondary Three-Year Certificate the requirements were the same as for the Degree Elementary Certificate.

Subject Field Requirements

The junior high school teachers obtained a minimum of fifteen

hours of credit in each field or subject taught.⁵⁴

Michigan

General Requirements

The certificates designed for teachers in the junior high schools in Michigan were the State Elementary Provisional Certificate and the State Secondary Provisional Certificate. The general requirements were (1) an oath of allegiance, and (2) a bachelor's degree.

Professional Education Requirements

For the State Elementary Provisional Certificate twenty hours were required: principles of teaching, psychology of education, directed teaching in elementary grades and electives.

For the State Secondary Provisional Certificate the requirements were the same as for the State Elementary Provisional Certificate except directed teaching in the secondary grades.

General Education Requirements

For the State Elementary Provisional Certificate none was required.

For the State Secondary Provisional Certificate none was required.

Subject Field Requirements

For the State Elementary Provisional Certificate the following requirements were established:

Four minors of 15 semester hours each, or a major of 24 semester hours (may be a group major) and two minors.

54. Certification Handbook, State Board of Education, Topeka

The equivalent of two minors must be in a subject or subject fields taught in the elementary grades.⁵⁵

For the State Secondary Provisional Certificate the requirements were a major subject of 24 hours, and two minor subjects of 15 hours each.⁵⁶

Minnesota

The following information was received from the Minnesota State Department of Education:

A teachers' certificate valid to teach in any elementary school may be issued to an applicant who has held a Minnesota certificate valid in ungraded schools based on one year of preparation taken after high school graduation and before September 1, 1950, in a high school normal training department or state teachers college in Minnesota and who has, in addition 34 semester hours of college credit earned in an institution accredited for the preparation of elementary teachers provided that the credits are distributed as indicated as follows: Education 6, Art and Music (a course in each) 6, Social Science 6, Physical Education or Health 1, Free Electives 4.⁵⁷

Missouri

General Requirements

The certificates designed for teachers in the junior high schools in Missouri were the Elementary Certificate and the Secondary Certificate. The general requirements were (1) a health certificate, and (2) a bachelor's degree.

55. Teachers Certification Code, State Board of Education, Lansing, Michigan, 1942.

56. Ibid.

57. Department of Education, Saint Paul, Minnesota.

No data concerning the requirements for the Elementary Certificate were given.

Professional Education Requirements

For the Secondary Certificate the following requirements were established:

Educational Psychology 2, History of Education, Philosophy of Education 2, or Principles of Education 2, General Methods in Secondary Teaching 2, Methods in one High School Teaching Field 2, Secondary School Administration 2, Supervised Student Teaching in Secondary Schools 5, Excess or other Education 3.⁵⁸

General Education Requirements

For the Secondary Certificate the following requirements were established:

Twenty-five semester hours including credits from at least three of the following fields: English, Social Studies, Natural Science, Foreign Language, Mathematics. Two years of college work in General Physical Education with or without credit, and two semester hours of credit in Health or Hygiene.⁵⁹

Subject Field Requirements

For the Secondary Certificate the following hours were required: agriculture 15; art 15; English 15; foreign language 15 in each subject taught; home economics 15; industrial arts 15; mathematics 9; instrumental music 15; vocal 15; instrumental and vocal 15; physical education 15; science 15; and speech 15.⁶⁰

58. Standards for Certificating Teachers in Secondary Schools, State Department of Education, Jefferson City, Missouri, 1950.

59. Ibid.

60. Ibid.

Nebraska

General Requirements

The certificates designed for teachers in the junior high schools in Nebraska were the Senior Elementary School Certificate and the Secondary School Certificate. The general requirements were (1) a health certificate, and (2) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Senior Elementary School Certificate eighteen hours were required, including supervised teaching 3; and elementary education 6.

For the Secondary School Certificate eighteen hours were required, including supervised teaching 3 hours.

General Education Requirements

For the Senior Elementary School Certificate the following was required: health 2 hours.

For the Secondary School Certificate the same was required as for the Senior Elementary School Certificate.

Subject Field Requirements

For the Senior Elementary School Certificate none was required.

For the Secondary School Certificate fifteen hours in two teaching fields were required.⁶¹

New Mexico

General Requirements

61. Certification Digest of Teachers Certificates, Law in Nebraska, Lincoln, Nebraska, 1954.

The certificate designed for teachers in the junior high schools in New Mexico was the New High School Certificate. The general requirement was a bachelor's degree from an approved institution.

Professional Education Requirements

Sixteen hours were required, including educational psychology 2; secondary education 2; methods of teaching in High Schools 2; supervised teaching in high school 2; and electives 6.

General Education Requirements

None was required.

Subject Field Requirements

A major of twenty-four hours and a minor of fifteen hours in subjects taught in high schools were required, or two minors of fifteen hours each, of subjects usually taught in the high school were required.⁶²

North Dakota

General Requirements

The certificate designed for teachers in the junior high schools in North Dakota was the First Grade Professional Certificate. The general requirements were (1) an oath of allegiance, and (2) a bachelor's degree from an approved teacher training institution.

Professional Education Requirements

Sixteen hours in education were required, including student

62. Rules and Regulations Governing Certification of Teachers and Administrators, State Department of Education, Santa Fe, New Mexico, 1953-54.

teaching.

General Education Requirements

None was required.

Subject Field Requirements

The major and minor subjects were in accordance with North
Central Association requirements.⁶³

Ohio

General Requirements

The certificate designed for teachers in the junior high schools in Ohio was the Provisional High School Certificate. The general requirement was a bachelor's degree from an approved institution.

Professional Education Requirements Thirty-four hours were required, including understanding the learner 6 to 9; teaching and the learning process 12 to 15; purposes of education in American democracy 3 to 6; and student teaching 8 to 12.

General Education Requirements

Sixty hours distributed among the following were required: language arts 12 to 18; social studies 14 to 18; science 8 to 12; health and physical education 3 to 6; music, art and crafts 6 to 9; and arithmetic 3 to 6.

Subject Field Requirements

The following hours were required: art 24; biological science 15; bookkeeping 9; bookkeeping and social business 20; earth science 15;

63. Requirements for Certification in North Dakota, Department of Public Instruction, Bismarck, North Dakota.

English 15; general science 18; history 15; home economics 20; industrial arts 24; languages 15; library science 16; mathematics 15; instrumental music 24; vocal music 24; physical education 24; physical science 15; salesmanship 20; science (comprehensive major) 40; social studies (comprehensive major) 40; speech 15; stenography and typing 20; and typing 5.⁶⁴

Oklahoma

General Requirements

The certificates designed for teachers in the junior high schools in Oklahoma were the Elementary Provisional Certificate and the High School Provisional Certificate. The general requirements were (1) a health certificate, (2) American history or government, (3) Oklahoma history and government, and (4) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the Elementary Provisional Certificate fifteen hours were required, including student teaching, methods, and materials.

For the High School Provisional Certificate the requirements were the same as for the Elementary Provisional Certificate.

General Education Requirements

For the Elementary Provisional Certificate fifty hours were required in general education designed to develop a broad cultural background.

64. Application for Ohio Provisional Certificate, Department of Education, Columbus, Ohio

For the High School Provisional Certificate the requirements were the same as for the Elementary Provisional Certificate.

Subject Field Requirements

For the Elementary Provisional Certificate the following requirements were established:

A minimum of twenty semester hours of college credit in at least four of the following (1) Music, (2) Arts and Crafts, (3) Science, (4) Mathematics, (5) Social studies, (6) Language Arts, (7) Health and Physical Education, and (8) Practical Arts.⁶⁵

For the High School Provisional Certificate a minimum of sixteen hours in the field of specialization was required.⁶⁶

South Dakota

General Requirements

The certificates designed for teachers in the junior high schools in South Dakota were the State Upper Grade Certificate and the High School General Certificate. The general requirements were (1) the oath of allegiance, (2) credit in United States government and/or history, and (3) for the Upper Grade Certificate, completion of a two year course at an approved teacher education institution; for the High School General Certificate, a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

For the State Upper Grade Certificate fifteen hours were re-

65. Laws and Regulations for Certification of Teachers, State Board of Education, Oklahoma City, Oklahoma, 1953.

66. Ibid.

quired, including practice teaching 3; methods 3; and educational psychology 2.

For the High School General Certificate fifteen hours were required, including practice teaching 3; high school methods or problems of administration and supervision 3; and educational psychology 2.

General Education Requirements

For the State Upper Grade Certificate the following hours were required: English 7; art 6; social science 6; science 6; and electives 20.

For the High School General Certificate none was required.

Subject Field Requirements

For the State Upper Grade Certificate none was required.

For the High School General Certificate twenty-four hours in a major field or fifteen hours in a minor in any given field were required.⁶⁷

West Virginia

General Requirements

The certificate designed for teachers in the junior high schools in West Virginia was the First Class Elementary Certificate. The general requirements were (1) an oath of allegiance, (2) West Virginia history, geography and government, and (3) a bachelor's degree from an approved teacher education institution.

67. State Department of Public Instruction, Pierre, South Dakota, 1954.

Professional Education Requirements

Twenty hours were required, including human development 6; primary methods 3; directed teaching 5 to 6; and courses to meet the individual needs 4 to 6.

General Education Requirements

The following hours were required; English 15; social science 18; science and mathematics 11; music 6; art 6; and physical well being 6.

Subject Field Requirements

None was required.⁶⁸

Wisconsin

General Requirements

The certificates designed for teachers in the junior high schools in Wisconsin were the Elementary Certificate and the High School Certificate. The general requirement was a bachelor's degree from an approved teacher education institution.

No data concerning the requirements for the Elementary Certificate were given.

Professional Education Requirements

For the Secondary Certificate the following requirements were established:

A candidate is expected to present at least eighteen semester hours of college credit in Education. Included in the eighteen semester hours must be a course in Educational Psychology or Psychology of Learning for

68. Requirements for First Class Certificates, Division of Teacher Certification, Charleston, West Virginia, 1951.

three semester hours, a Teacher's or Methods course in the major subject for two semester hours, and five semester hours of Practice Teaching.⁶⁹

General Education Requirements

For the Secondary Certificate none was required.

Subject Field Requirements

For the Secondary Certificate the following requirements were established:

A candidate majoring in an academic subject such as English, History, Mathematics, and so forth, is expected to present at least twenty-four semester hours of college credit in his major field of preparation. We also require two teaching minors of fifteen semester hours each in academic subjects.

Teachers of Science are expected to present evidence of adequate instruction in the Conservation of Natural Resources. Teachers of History and the Social Sciences are expected to have a course in the Conservation of Natural Resources and also a course in Consumer's Cooperatives and Cooperative Marketing.

For a license to teach any of the special subjects such as Commerce, Physical Education, Art, and so forth, we require a major of at least thirty semester hours of college credit in said subject.⁷⁰

Wyoming

General Requirements

The certificates designed for teachers in the junior high schools in Wyoming were the Standard Elementary Certificate and the Standard High School Certificate. The general requirements were (1) pass an examination or show credits in the Constitution of the United States and the Constitution of the State of Wyoming, and (2) a

69. Certification Requirements, Department of Public Instruction, Madison, Wisconsin.

70. Ibid.

bachelor's degree from an approved teacher training institution.

Professional Education Requirements

For the Standard Elementary Certificate twenty hours were required, including the areas of directed teaching, elementary techniques and methods; child growth and development and psychology; history, philosophy and sociology of education; mental health and hygiene; guidance; remedial reading; and speech correction.

For the Standard High School Certificate twenty hours were required, including the areas of directed teaching; high school techniques and methods; child growth and development and psychology; history, philosophy and sociology of education; mental health and hygiene; and guidance.

General Education Requirements

For the Standard Elementary Certificate twenty seven hours were required, including language arts, social studies, physical science, biological science, music, and fine or practical arts.

For the Standard High School Certificate the requirements were the same as for the Standard Elementary Certificate.

Subject Field Requirements

For the Standard Elementary Certificate none were required.

For the Standard High School Certificate the requirements were a minimum of fifteen hours in each major teaching field.⁷¹

71. Certification Bulletin for Certification of Teachers and School Administrators in Wyoming, State Board of Education, Cheyenne, Wyoming, 1954.

NORTHWEST ASSOCIATION

California

General Requirements

The certificates designed for teachers in the junior high schools in California were the General Elementary Credential and the Junior High School Credential. The general requirements were (1) a health certificate, (2) an oath of allegiance, (3) a course in the Constitution of the United States, and (4) a bachelor's degree.

Professional Education Requirements

For the General Elementary Credential a minimum of twenty four hours in elementary education were required, including general elementary school methods or methods of teaching basic elementary school subjects 4; principles of elementary education or elementary school curriculum 2; child psychology, or child growth and development 2; and directed teaching 6.

For the Junior High School Credential eighteen hours were required, including directed teaching 4; and a course dealing with the aims, scope and desirable outcomes of the elementary or secondary schools or both.

General Education Requirements

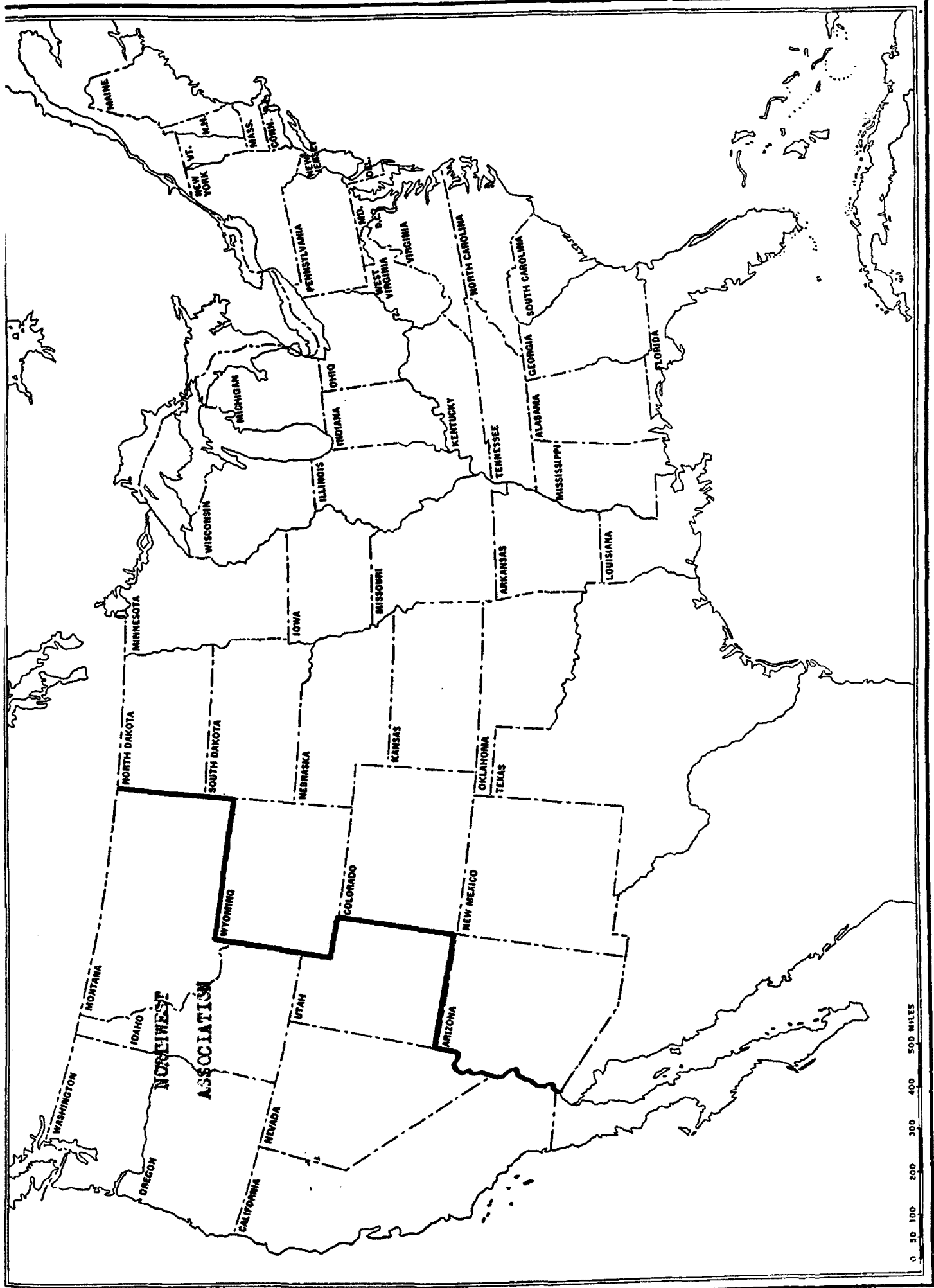
For the General Elementary Credential none was required.

For the Junior High School Credential none was required.

Subject Field Requirements

For the General Elementary Credential none was required.

For the Junior High School Certificate a major of twenty-four



MAP SHOWING STATES INCLUDED IN NORTHWEST ASSOCIATION

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hours and a minor of twelve hours in subjects taught in high school, or a major in education and two minors in high school subjects were required.⁷²

Idaho

General Requirements

The certificate designed for teachers in the junior high schools in Idaho was the Standard High School Certificate. The general requirements were (1) a health certificate, (2) a chest X-ray, and (3) a bachelor's degree from an approved teacher education institution.

Professional Education Requirements

Twenty hours in secondary education were required, including high school practice teaching 2; educational psychology and the study of the growth and development of the secondary school pupil 2; backgrounds of public education, historical, sociological, and philosophical 2; principles or theory of secondary education 2; and methods of secondary school instruction.

General Education Requirements

None was required.

Subject Field Requirements

Two subject fields with at least fifteen semester hours in each were required.⁷³

72. California State Department of Public Education, Credentials Office, Sacramento, California, 1954.

73. Department of Education, Boise, Idaho.

Montana

General Requirements

The certificates designed for teachers in the junior high schools in Montana were the Elementary School Advanced Certificate and the Secondary School Standard Certificate. The general requirements were (1) a health certificate, (2) an oath of allegiance, and (3) a bachelor's degree from an accredited teacher education institution.

Professional Education Requirements

For the Elementary School Advanced Certificate the following were required: training in the areas of elementary techniques and methods, child growth and development or equivalent courses in psychology, history, philosophy or sociology of education, audio-visual education, mental health and hygiene, methods and skill in physical education, remedial reading and speech correction, and guidance.

For the Secondary School Standard General Certificate sixteen hours were required, including general psychology, educational psychology, principles of secondary education, secondary school teaching procedure, observation, practice teaching and electives.

General Education Requirements

For the Elementary School Advanced Certificate the following were required: language arts, reading, history, social studies, sciences, arithmetic, music, and fine arts.

For the Secondary School Standard Certificate none was required.

Subject Field Requirements

For the Elementary School Advanced Certificate none was required.

For the Secondary School Standard Certificate the following were required: a minimum of thirty hours in a major teaching field usually taught in Montana high schools and a minimum of twenty hours in a minor teaching field usually taught in Montana high schools.⁷⁴

Nevada

General Requirements

The certificate designed for teachers in the junior high schools in Nevada was the High School Certificate. The general requirements are: (1) a health certificate, (2) an oath of allegiance, (3) credit in Nevada school law and the Constitutions of the United States and the State of Nevada, and (4) a bachelor's degree from a standard college, normal school, or university.

Professional Education Requirements

Eighteen hours were required, including fourteen in the secondary field, including practice teaching 4.

General Education Requirements

None was required.

Subject Field Requirements

None was required.⁷⁵

74. State Superintendent of Public Instruction, Helena, Montana, 1954.

75. Certification Requirements for Teachers in Nevada, Superintendent of Public Instruction, Carson City, Nevada.

Oregon

General Requirements

The certificates designed for teachers in the junior high schools in Oregon were the State Elementary Certificate, and the Secondary Provisional A Certificate. The general requirements were (1) a health certificate including an X-ray tuberculin test, (2) an oath of allegiance, (3) courses in Oregon school law, and Oregon history of history of the Pacific Northwest, and (4) graduation from a four year elementary teacher education program for the State Elementary Certificate and a bachelor's degree from an approved teacher training institution for the Secondary Provisional A Certificate.

Until Secondary teachers had completed the five-year secondary teacher education program, provisional certificates designated as Provisional A, B, C, D and E Certificates were issued. Each one of these certificates was issued for one year only and was not renewable. When all requirements were met, a Five-Year State Secondary Certificate was issued. A teacher did not need to hold all five provisional certificates to qualify for the Five-Year State Secondary Certificate. The requirements could have been completed in an uninterrupted education program.

Professional Education Requirements

For the State Elementary Certificate the following were required: specific teacher preparation designated by a superintendent of public instruction for the elementary teacher program and four hours of supervised teaching in grades 1 to 8, or grades 7, 8 and 9.

For the Secondary Provisional A Certificate the following were required: twelve hours in secondary teacher preparation including educational psychology 2; secondary school in American life 2; general high school methods or special high school methods in a subject taught in high school 2; and high school supervised teaching in grades 9 to 12 in high school, or 7, 8 and 9 in a regularly organized junior high school.

General Education Requirements

For the Standard Elementary Certificate specific preparation in the fields designated by a superintendent of public instruction for the elementary teacher education program was required.

For the Secondary Provisional A Certificate none was required.

Subject Field Requirements

For the Standard Elementary Certificate specific preparation in the fields designated by a superintendent of public instruction for the elementary teacher education program was required.

For the Secondary Provisional A Certificate none was required.⁷⁶

Utah

General Requirements

The certificate designed for teachers in the junior high schools in Utah was the Teachers' Certificate for Secondary Schools. The general requirements were (1) a health certificate, and (2) a bachelor's degree.

76. Oregon Rules and Regulations Governing the Certification of Teachers, State Department of Public Instruction, Salem, Oregon, 1954-1955.

Professional Education Requirements

Twenty hours were required, including health education, physical and psychological foundations 6; social and educational foundations 4; and student teaching and methods 10.

General Education Requirements

Seven hours were required in each of the following: social science, physical science, biological science, and humanities. One survey course was required in each field.

Subject Field Requirements

The following were required: composite major of forty hours in two or more related subjects taught in the Utah secondary schools with not less than 12 hours in any one subject, or twenty hours in one subject with ten hours in upper-division work and a minor of twelve hours.⁷⁷

Washington

General Requirements

The certificate designed for teachers in the junior high schools in Washington was the General Certificate. The general requirements were (1) a chest X-ray, (2) an oath of allegiance, (3) courses in Washington history, government, and school law, and (4) four academic years of successful preservice education.

For a Standard General Certificate the following requirements were established:

One continuous year of initial teaching experience is to

77. Certification Requirements in Utah Public Schools, State Department of Public Instruction, Salt Lake City, Utah.

follow preservice education. A fifth year of teacher education (30 semester hours) at the graduate level is to be required following initial teaching experience and prior to issuance of a standard general certificate. This fifth year must begin during the first year after initial teacher experience either as a full year or as summer school.⁷⁸

Professional Education Requirements

Twenty-seven hours were required, including introduction to education, human growth and development, curriculum methods and materials, professional laboratory experiences, including ten hours of directed teaching in elementary and secondary groups.

General Education Requirements

None was required.

Subject Field Requirements

Forty hours were required in broad areas of concentration in one of the following ways:

(1) One broad area, no more than 24 to 40 hours, was devoted to one field in an area of concentration.

(2) Two broad areas of 24 to 30 and 10 to 16 hours, no more than twenty-four hours, in the major area selected, were devoted to one field.

(3) Three broad areas of fourteen hours each, but no more than two fields were allowed. Professionalized subject matter was considered as one field under this option.⁷⁹

78. State Board of Education, Olympia, Washington, 1953.

79. Ibid.

CHAPTER III

SUMMARY OF THE CERTIFICATION REQUIREMENTS FOR TEACHERS IN THE JUNIOR HIGH SCHOOLS IN THE UNITED STATES

In summarizing the information for the types of certificates designed for teachers in the junior high schools in the United States, no particular connection between or within the regional accrediting association areas was found.

In considering the types of certificates designed for teachers in the junior high schools in the United States, the following tabulations were made: a junior high school certificate was required in four states; an elementary certificate in three states; either a junior high school certificate or an elementary certificate in one state; a secondary certificate in eleven states; either a junior high school certificate or a second certificate in one state; and either an elementary certificate or a secondary certificate in twenty-four states. For the names of the specified states the reader is directed to Table I, on page 62.

Other types of certificates listed were the First Grade Professional Certificate used in North Dakota and the General Certificate used in Washington.

With respect to the general requirements for teachers in the junior high schools in the United States, no striking differences or likenesses among the regional accrediting association areas were noted. Within certain regional accrediting association areas, other regulations were revealed. For example, the four Middle Atlantic states that supplied information required a health certificate (Pennsylvania did not

TABLE I

**TYPES OF CERTIFICATES
ACCEPTABLE FOR TEACHING IN JUNIOR HIGH SCHOOLS**

A - Acceptable	Junior High Certificate	Elementary Certificate	Secondary Certificate
NEW ENGLAND			
Connecticut		A	A
Maine	A		
Massachusetts		A	A
New Hampshire		A	A
Rhode Island		A	A
Vermont	A		
MIDDLE STATES			
Delaware		A	A
Maryland	A		
New Jersey		A	A
New York			A
SOUTHERN			
Alabama			A
Florida	A		A
Kentucky		A	A
Louisiana		A	A
Mississippi		A	A
North Carolina			A
South Carolina			A
Tennessee		A	A
Texas			A
Virginia			A
NORTH CENTRAL			
Arizona		A	A
Arkansas	A		
Colorado		A	
Illinois		A	A
Indiana		A	A
Iowa		A	A
Kansas		A	A
Michigan		A	A
Minnesota		A	
Missouri		A	A
Nebraska		A	A
New Mexico			A
North Dakota			
Ohio			A
Oklahoma		A	A
South Dakota		A	A
West Virginia		A	
Wisconsin		A	A
Wyoming		A	A
NORTHWEST			
California	A	A	
Idaho			A
Montana		A	A
Nevada			A
Oregon		A	A
Utah			A
Washington			A

supply information). Six out of seven states in the Northwest Association required a health certificate. The three states that required a course in school law were in the Northwest Association.

Analysis of the remainder of the data on the general requirements showed that the health certificate was required in twenty-five states; chest x-ray in eight states; an oath of allegiance in twenty states; a course in the Constitution of the State in four states; a course in the Constitution of the United States in five states; courses in American history and/ or American government in four states; a course in state history or government in four states; a course in school law in three states; and a bachelor's degree in forty-one states. Washington required four academic years of successful preservice education, which was interpreted as a bachelor's degree. One state did not specify any general requirements. For the names of the specified states the reader is directed to Table II, p. 64.

An interesting requirement not previously mentioned was the requirement of finger prints for California,

The information recorded in Chapter II, under professional education requirements, general education requirements, and subject field requirements made evident the fact that the requirements for the certification of teachers in the junior high schools in the United States reached a high level. This came about through the cooperative efforts of the various institutions of higher learning which prepared teachers and the state departments of public instruction. These agencies necessarily assumed obligations and responsibilities to set up instructional programs to properly prepare and certify teachers, who, in turn would

TABLE II

**GENERAL CERTIFICATION REQUIREMENTS
FOR TEACHING IN JUNIOR HIGH SCHOOLS**

R-Required

	Health Certificate	Chest X-ray	Oath of Allegiance	Constitution of U. S.	Constitution of State	American History	American Government	State History & Government	School Law	Bachelor's Degree
NEW ENGLAND										
Connecticut	R	R								R
Maine										R
Massachusetts	R	R								R
New Hampshire			R							R
Rhode Island	R		R							R
Vermont			R							R
MIDDLE STATES										
Delaware	R									R
Maryland	R		R							R
New Jersey	R		R							R
New York	R									R
SOUTHERN										
Alabama		R								R
Florida	R		R							R
Kentucky										R
Louisiana			R							R
Mississippi	R									R
North Carolina	R	R								R
South Carolina	R									R
Tennessee										R
Texas				R	R					R
Virginia	R									R
NORTH CENTRAL										
Arizona		R	R	R	R					R
Arkansas	R									
Colorado			R			R &/or R				
Illinois	R		R							R
Indiana	R		R							R
Iowa	R					R &/or R				
Kansas										R
Michigan			R							R
Minnesota										
Missouri	R									R
Nebraska	R									R
New Mexico										R
North Dakota			R							R
Ohio										R
Oklahoma	R					R &/or R		R		R
South Dakota			R			R &/or R				
West Virginia			R					R		
Wisconsin										R
Wyoming				R	R					R
NORTHWEST										
California	R		R	R						R
Idaho	R	R								R
Montana	R		R							R
Nevada	R		R	R	R				R	R
Oregon	R	R	R					R	R	R
Utah	R		R							R
Washington		R	R					R	R	R

provide for an educational program suited to the needs of youth in early adolescence.

Advanced professional training beyond a four year program was recommended. The advanced professional training could be accomplished by attendance at an institution of higher learning, correspondence courses, extension courses, in-service training, and other programs.

BIBLIOGRAPHY

A. BOOK

Gruhn, William T. and Douglass, Harl R., The Modern Junior High School,
New York: Ronald Press Company, 1947. 492 pp.

B. BULLETINS

Application for Ohio Provisional Certificate, Department of Education,
Columbus, Ohio.

California State Department of Public Education, Credentials Office,
Sacramento, California, 1954.

Certification of Alabama Teachers, State Board of Education, Montgomery,
Alabama.

Certification and Approval of School Personnel, State Board of Public
Instruction, Des Moines, Iowa, 1954.

Certification Bulletin for Certification of Teachers and School Admin-
istrators in Wyoming, State Board of Education, Cheyenne,
Wyoming, 1954.

Certification Digest of Teachers Certificates, Law in Nebraska, Lincoln,
Nebraska, 1954.

Certification Handbook, State Board of Education, Topeka, Kansas.

Certification Regulations, State Board of Education, Montpelier,
Vermont, 1953.

Certification Regulations for Teachers and Qualifications for Adminis-
trators and Supervisors, State Board of Education, Richmond,
Virginia, 1950.

Certification Requirements, Department of Public Instruction, Madison,
Wisconsin.

Certification Requirements for Teachers in Nevada, Superintendent of
Public Instruction, Carson City, Nevada.

Certification Requirements in Utah Public Schools, State Department
of Public Instruction, Salt Lake City, Utah.

Certification Rules and Regulations, Department of Public Instruction,
Dover, Delaware, 1952.

Certificates for Teaching Service, State Department of Education,
Albany, New York, 1943.

Department of Education, Boise, Idaho.

Department of Education, Saint Paul, Minnesota.

Do You Want To Be a Teacher in North Carolina? State Superintendent of Public Instruction, Raleigh, North Carolina.

Illinois State Certification Board, Springfield, Illinois, 1952.

Indiana Teacher Certification Requirements, Department of Public Instruction, Indianapolis, Indiana.

Law Governing the Issuance of Certificates, State Department of Education, Denver, Colorado.

Laws and Regulations for Certification of Teachers, State Board of Education, Oklahoma City, Oklahoma, 1953.

Louisiana Standards for Certification of School Personnel, State Board of Education, Baton Rouge, Louisiana, 1954.

Maryland School Bulletin, Maryland State Department of Education, Baltimore, Maryland, 1952.

Mississippi Teacher Education and Certification, State Department of Education, Jackson, Mississippi, 1951.

New Hampshire State Board of Education Regulations Governing the Approval of Superintendents, Headmasters, Principals, Teachers and other Educational Personnel in Public Schools of New Hampshire, Concord, New Hampshire, 1950.

Oregon Rules and Regulations Governing the Certification of Teachers, State Department of Public Instruction, Salem, Oregon, 1954-1955.

Requirements for Certification in North Dakota, Department of Public Instruction, Bismarck, North Dakota.

Requirements for Certification of Teachers, Principals, Supervisors, Superintendents, in the Public Schools of the Commonwealth of Massachusetts, Board of Education, Boston, Massachusetts, 1953.

Requirements for Conventional Teachers Certificates, State of Texas, Austin, Texas.

Requirements for First Class Certificates, Division of Teacher Certification, Charleston, West Virginia, 1951.

Requirements for Teacher Education and Certification, State Board of Education, Columbia, South Carolina, 1948.

Revisions of Regulations Concerning Certificates for Professional Personnel in Connecticut Public School Service, Connecticut State Board of Education, Hartford, Connecticut, 1954.

Revising the Teacher Education and Certification Program, Department of Education, Frankfort, Kentucky, 1952.

Rules and Regulations for Certification in Arizona, State Board of Education, Phoenix, Arizona, 1952.

Rules and Regulations Governing Certification of Teachers and Administrators, State Department of Education, Santa Fe, New Mexico, 1953-54.

Standards for Certificating Teachers in Secondary Schools, State Department of Education, Jefferson City, Missouri, 1950.

State Board of Education, Olympia, Washington, 1953.

State Board of Education, Providence, Rhode Island.

State Board of Regulations Relating to Florida Requirements for Teacher Education and Certification, State Department of Education, Tallahassee, Florida, 1953.

State Certification of Teachers, Department of Education, Augusta, Maine, 1953.

State Department of Public Instruction, Pierre, South Dakota, 1954.

State Superintendent of Public Instruction, Helena, Montana, 1954.

Steps in Obtaining Appropriate Certification and Information Concerning Certification, State Department of Education, Trenton, New Jersey.

Summary of Certification Rules and Regulations, Department of Education, Little Rock, Arkansas, 1954.

Teachers Certification Code, State Board of Education, Lansing, Michigan, 1942.

Tennessee Regulations for Certification of Teachers, State Board of Education, Nashville, Tennessee, 1952.

C. ENCYCLOPEDIA ARTICLE

Gruhn, William T., "The Junior High School," Encyclopedia of Educational Research, Revised edition, 634-642. New York: The Macmillan Company, 1933.

APPENDIX

13 East 2nd Avenue
Bellingham, Washington
-----, ----- 1954

Mrs. Boydie Rich
Supervisor of Certification
Office of State Supt. of Public Instruction
Olympia, Washington

Dear Mrs. Rich:

I am studying in the Graduate School at the University of Montana. At the present time I am engaged in writing a thesis on the certification of teachers in the junior high schools in the United States.

In order to get complete and accurate information directly concerning this subject, I am asking you to send me the latest bulletins issued by the State Department of Public Instruction giving certification requirements, policies, and procedures.

Enclosed find ten cents to cover mailing costs. Please know that your cooperation will be deeply appreciated.

Sincerely yours,

Raymunda Newmann

Enclosure