

From
THE COMMISSIONER OF EDUCATION
175 WEST STATE STREET
Trenton, New Jersey

(F.D. 18a-10M-11 - 16 -51)

TEACHER CERTIFICATION RULES

TEACHER CERTIFICATION

RULES AND REGULATIONS FOR GRANTING APPROPRIATE CERTIFICATES OR LICENSES TO TEACH OR ADMINISTER, DIRECT, OR SUPERVISE THE TEACHING, INSTRUCTION, OR EDUCATIONAL GUIDANCE OF PUPILS IN PUBLIC SCHOOLS OPERATED BY BOARDS OF EDUCATION PURSUANT TO SECTION 18:2-4e OF THE REVISED STATUTES AND IMPLEMENTING SECTION 18:13-1 et seq.

GENERAL REGULATIONS

The following general regulations apply to applicants for all certificates:

1. Certificate Necessary for Employment

No person shall be employed to teach, or to administer, direct, or supervise the teaching, instruction, or educational guidance of pupils in public schools operated by a board of education in this State unless at the time he or she begins service he or she holds a State certificate, which certificate shall be in full force and effect in this State and valid for the position to be filled.

2. Application Procedure

Application for certification by persons who are residents of New Jersey but who do not have assurance of employment shall be made by mail or in person through the office of the county superintendent of schools in the county in which the applicant resides.

Application for certification by persons who are not residents of New Jersey and who do not have assurance of employment shall be made directly to the Commissioner of Education, in care of the Division of Teacher Certification, State Department of Education, 175 West State Street, Trenton 8, New Jersey.

Application for State certificates by persons who have been employed to teach in New Jersey must be filed with the county superintendent of schools in the district in which the applicant will teach.

3. Issuance of a Limited Certificate

A limited certificate shall be granted to an applicant who meets the stated requirements and shall be valid for use during a period of five years. A limited certificate may not be renewed. The holder of an expired limited certificate may, at the end of the five-year period, qualify for a new limited certificate under

the rules in effect at the time of application if the certificate expired without having served the holder for the full five-year period for which it was issued.

4. Issuance of a Permanent Certificate

In all cases when application is made for the issuance of a permanent certificate, the county or city superintendent having jurisdiction shall file with the State Board of Examiners a written report of the applicant's fitness for teaching. In case such report shall be unfavorable to the applicant, the county or city superintendent shall include therein a statement of the facts or reports on which his conclusions are based. If an unfavorable report is submitted, the applicant shall be given an opportunity to appear before the State Board of Examiners and the said Board may in its discretion make permanent the certificate of the applicant.

5. Eligibility Statement Provisions

A statement of eligibility, valid for five years, shall, upon application, be granted to any person who meets the requirements for a certificate and who does not have assurance of employment. The statement of eligibility shall be applied for in the manner described in paragraph 2. This statement of eligibility shall be issued without cost to all applicants who meet the requirements. A new statement of eligibility shall be issued at the end of the five-year period if the then existing requirements are met.

6. General Requirements for All Certificates

To receive a certificate an applicant shall:

- a. Be at least eighteen years old.
- b. Be a citizen of the United States of America (except a teacher of a foreign language, unless such teacher has been a resident of the United States for more than ten years).
- c. Be a graduate of an approved high school or have an equivalent education as determined by the State Board of Examiners.

- d. File official transcripts of all college credits, which shall contain the signature of the registrar or other designated officer and the seal of the college.
- e. File two original testimonials as to moral character or certified copies of testimonials.
- f. File a physician's certificate that he is in good health and free from any disease or physical defect that might interfere with his success as a teacher.
- g. File an oath of allegiance to the Constitution of the United States and the Constitution of the State of New Jersey.
- h. File, in case of previous experience, two original testimonials or certified copies as to his success in teaching, with a written statement giving the places in which he has taught and the term of service in each.
- i. Pay the statutory fee of five dollars in certified check or post office money order made payable to "Commissioner of Education."

7. Reciprocity with the Six New England States and New York State

A teaching, supervisory, or administrative certificate duly issued by the appropriate state authority in one of the New England States or New York and currently in full force and effect, shall be honored by the State Board of Examiners in the State of New Jersey, provided the holder of such certificate shall have had (1) not less than three years of successful experience at the teaching, supervisory, or administrative level for which transfer of certificate privilege is sought; (2) basic preparation equivalent in semester-hour length, although not necessarily in specific content, to the minimum preparation as described in the minimum standards for certification; (3) assurance of employment in the kind and grade of professional position in the public schools of New Jersey for which certification is sought.

8. Revocation of Certificates

Any certificate that has been issued, or that may hereafter be issued under the rules of the State Board of Education, may be revoked by the State Board of Examiners for inefficiency, incapacity, conduct unbecoming a teacher, or other just cause, provided that no certificate shall be revoked unless the holder thereof shall have been given opportunity to be heard.

9. Time Validity of Certificates

The initial certificate issued to a candidate in any department of school work shall be valid for a limited time. Unless otherwise indicated in these rules, all limited certificates will expire five years from the first day of January or the first day of July next following the date of issuance. A limited certificate in any department of school work may be made permanent on evidence of three years of successful experience in New Jersey in the type of public school work for which the certificate was issued, provided that all educational requirements designated in subsequent rules for a permanent certificate shall have been satisfied. The permanent certificate shall be valid during the life of the holder.

10. Powers of the Limited Teacher's Certificate

The limited teacher's certificate shall entitle the holder to teach the subjects or departments of school work endorsed on the certificate but shall not permit supervision.

11. Powers of the Permanent Teacher's Certificate

A permanent teacher's certificate shall entitle the holder to teach the subjects or departments of school work endorsed thereon and also to be teaching principal or teaching supervisor, within the scope of the certificate, in charge of not more than twelve teachers.

12. Experimental Curriculum

Certification to teach in a school having an experimental curriculum not covered by these certification regulations may be granted by the Commissioner of Education.

SCHOOL ADMINISTRATOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of ~~supervising principal or~~ superintendent of schools.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A master's degree from an approved institution.
3. a. Three years of experience as a school principal,
or
b. Three years of experience as a vice-principal when so designated by a board of education and properly certificated as a principal, spending more than half time in the fields of administration or supervision,
or
c. Three years of experience as an assistant superintendent in a position requiring the general supervisor's certificate or as a general supervisor of instruction, a general elementary supervisor, or a general secondary supervisor, with at least one half time devoted to administrative or supervisory duties.
4. Thirty-two semester-hour graduate or undergraduate credits in the fields of administration and supervision. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration and supervision of public education.
 - b. Administration and supervision of secondary education.
 - c. Administration and supervision of elementary education.
 - d. Curriculum of public instruction.
 - e. Electives related to the fields of administration and supervision, including such areas as tests and measurements, curriculum, guidance, school law, school finance, and public relations.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

SECONDARY SCHOOL PRINCIPAL

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for the position of principal of any secondary school having more than twelve teachers. This includes the principalship of a junior high school, a senior high school, or a combined junior-senior high school. It may be obtained by the principal of any secondary school having twelve or less teachers when the principal devotes one half time or more to administrative or supervisory duties.

This certificate may be issued to an assistant principal or vice-principal (when so designated by a board of education) spending more than one half time in the fields of administration or supervision.

Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in the supervision and administration of education. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration of public education. In addition to one basic course in administration, elections may be made from such fields as school finance and records, community relations, personnel and guidance, tests and measurements, and school law.
 - b. Administration and supervision of secondary education.
 - c. Curriculum of the secondary school.
 - d. Electives related to the field of secondary school administration and supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in secondary education.

ELEMENTARY SCHOOL PRINCIPAL

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for the position of principal of any elementary school having more than twelve teachers. It may be obtained by the principal of any elementary school having twelve or less teachers when the principal devotes one half time or more to administrative or supervisory duties.

This certificate may be issued to an assistant principal or vice-principal (when so designated by a board of education) spending more than one half time in the fields of administration or supervision.

Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in the supervision and administration of education. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration of public education. In addition to one basic course in administration, elections may be made from such fields as school finance and records, community relations, personnel and guidance, tests and measurements, and school law.
 - b. Administration and supervision of elementary education.
 - c. Curriculum of the elementary school.
 - d. Electives related to the field of elementary school administration and supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in elementary education.

GENERAL SUPERVISOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the positions of assistant superintendent of schools and general supervisor of instruction. It may be issued to an assistant general supervisor (when so designated by a board of education) spending more than one half time in supervision. Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in the supervision of education. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration of public education.
 - b. Supervision of instruction in the elementary and secondary schools.
 - c. The curriculum of the public schools.
 - d. Electives related to the field of general supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in elementary and secondary supervisory fields.

GENERAL SECONDARY SUPERVISOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of general secondary supervisor. It may be issued to an assistant general secondary supervisor (when so designated by a board of education) spending more than one half time in the field of supervision. Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in the supervision of education. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration of secondary education.
 - b. Supervision of instruction in the secondary school.
 - c. Curriculum of the secondary school.
 - d. Electives related to the field of secondary school supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in secondary supervisory fields.

GENERAL ELEMENTARY SUPERVISOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of general elementary supervisor. It may be issued to an assistant general elementary supervisor (when so designated by a board of education) spending more than one half time in the field of supervision. Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in the supervision of education. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration of elementary education.
 - b. Supervision of instruction in the elementary school.
 - c. Curriculum of the elementary school.
 - d. Electives related to the field of elementary school supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in elementary supervisory fields.

SUBJECT SUPERVISOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of supervisor of instruction in any school district in the subject or subjects covered by the certificate. It may be issued to an assistant subject supervisor (when so designated by a board of education) spending more than one half time in supervision.

Experience within the authorization of this certificate will not be accepted in meeting the experience requirement for the school administrator's certificate.

REQUIREMENTS.

1. A permanent New Jersey teacher's certificate in the subject or its equivalent. The subject must be on the basis of a major endorsement.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in addition to those required for the permanent teacher's certificate. These credits must be in courses related to the field for which certification is given and must include study in each of the following areas:
 - a. Principles and practices of teaching the specified subject.
 - b. Supervision, organization, and administration.
 - c. Curriculum construction.
 - d. Additional courses related to the field of specific subject supervision.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in courses related to the specific subject field.

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State of New Jersey
Department of Education
175 West State Street
Trenton 8

SCHOOL NURSE SUPERVISOR
(Adopted by State Board of Education Feb. 5, 1954)

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of school nurse supervisor in districts having nine or more school nurses. It may be issued to the school nurse supervisor in school districts having less than nine school nurses when half or more time is devoted to supervisory duties.

REQUIREMENTS.

1. Graduation from an approved school of nursing.
2. Registration as a nurse in New Jersey.
3. A permanent New Jersey school nurse certificate or its equivalent.
4. A bachelor's degree based upon an accredited curriculum in a four-year college.
5. Six semester-hour graduate or undergraduate credits in the supervision of education. These credits must be in addition to those required for the permanent school nurse certificate and must include study in each of the following areas:
 - a. Supervision of instruction.
 - b. Curriculum construction in the public schools.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate and, in addition to the above requirements, eight semester-hour credits in administration and supervision in public health nursing, school nursing, and electives related to the field of general supervision.

A provisional school nurse supervisor's certificate may be issued to an applicant who has met all the above requirements except (4) and (5). The provisional certificate may be renewed annually upon the completion of six or more semester hours of work toward meeting the requirements under (4) and (5).

ADVANCED PROFESSIONAL CERTIFICATE

AUTHORIZATION. This certificate ^{shall} ~~may~~ be obtained by teachers in any educational field such as elementary, secondary, special education, special subject, or in any other field. It is an evidence of continued professional growth beyond that required for the permanent certificate.

REQUIREMENTS.

1. A permanent teacher's certificate.
2. A master's degree, or thirty semester-hour credits in the particular field for which permanent certification has been granted.

TERM. This certificate has permanent validity.

ADULT ACADEMIC CERTIFICATE

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for teaching an academic subject or subjects in accredited public evening schools.

REQUIREMENTS.

An elementary or secondary teacher's certificate entitling the holder to teach the specified subject or subjects in public day schools.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

**EVENING SCHOOLS
FOR FOREIGN-BORN RESIDENTS**

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching in evening schools for foreign-born residents, with credit for apportionment of State funds.

REQUIREMENTS.

1. A New Jersey teacher's certificate or its equivalent.
2. At least two years of successful public school teaching experience or equivalent experience.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

JUNIOR COLLEGE

AUTHORIZATION. This certificate ^{shall be} is required for teaching the endorsed subject fields in grades thirteen and fourteen.

REQUIREMENTS.

1. A master's degree from an accredited college.
2. A graduate major in the subject matter to be taught or its equivalent.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. A minimum of six semester-hour credits in English and six in social studies will be required.
4. Thirty semester-hour credits in approved related courses in subject matter specialization, in addition to the credits specified in Requirement 2. above, in each of the following fields for which certification is requested:

| | |
|---------------------------------------------------------------------------|------------------------------------------------------|
| Accounting | Home Economics |
| Art | Italian |
| Biology | Latin |
| Chemistry | Library Studies |
| English | Mathematics |
| Engineering | Music (General) |
| French | Music (Instrumental) |
| General Business: Business law, advertising, credit and collections, etc. | Music (Vocal) |
| General Science | Philosophy |
| Geography | Physical Education |
| German | Physics |
| Guidance | Psychology |
| Health Education | Social Science: Economics, government, and sociology |
| History | Spanish |
| | Speech |

NOTE: Courses in methods of teaching any of the above subjects cannot be included in the above thirty semester-hour credits.

5. The requirements of either section a. or b. below:
 - a. Professional competence courses
 - (1) Eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in (a), (b), and (c) below:
 - (a) Methods of teaching. This group includes such courses as: (1) methods of teaching in senior high schools and junior colleges, (2) visual aids in education, (3) individualizing instruction.

- (b) Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - (c) Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - (d) Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the junior college curriculum, (3) the junior college program of studies, and (4) extra-curricular activities in junior colleges.
 - (e) Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - (f) Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
- (2) A minimum of 150 clock hours of approved student teaching in an accredited junior college or one year of approved experience as a classroom teacher in grades eleven to fourteen.
- b. Advanced study and professional experience
 - (1) The attainment of an approved doctor's degree with major specialization in the subject matter to be taught.
 - (2) A minimum of three years' approved experience teaching the subject matter concerned in an accredited junior college, college, or university.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

SECONDARY

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching the endorsed subject fields in grades seven through twelve.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - e. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in one specific field, and (4) extra-curricular activities.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. ^{One} ~~Two~~ teaching fields ^{is} ~~are~~ required, ~~one of which must contain thirty semester-hour credits and the other eighteen.~~ Teaching fields are as follows: (Work within areas listed is recommended. Courses required are starred.)

Minimum
Semester
Hours

- 18 Accounting and Business Practice
- 18 Art
- 18 Biological Science: Biology, botany, zoology
- 18 §Clothing
- 18 Earth Science: Geology, geography, physiography, astronomy
- 18 English: Literature, composition, oral English
- 18 §Foods
- 18 General Science: Three sciences or survey courses in science
- 18 Geography
- 18 Health Education: Health problems, hygiene, bacteriology, normal diagnosis, nutrition, home hygiene, safety education
- 18 History: European* and American* history
- 30 §Home Economics: Foods and clothing*, child care
- 30 †Industrial Arts: General shop, metalwork, mechanical drawing, printing, graphic arts, crafts
- 18 Instrumental Music
- 18 Languages *Library Studies*
- 18 French
- 18 German
- 18 Italian
- 18 Latin
- 18 Spanish
- 18 Mathematics: Algebra, geometry, trigonometry, calculus, and fundamentals of mathematical reasoning
- 30 Music: Vocal and instrumental
- 18 Physical Education: Coaching, development of personal skills, nature and function of play, organization and administration of physical education, principles of physical education
- 18 Physical Science: Physics*, chemistry*, geology, astronomy
- 18 Political Science and Economics
- 18 Reading Improvement: Remedial reading, reading improvement, and related courses in child psychology and tests and measurements
- 30 Science: Biological*, Physical*, and earth science
- 18 Secretarial Studies: Shorthand*, typewriting*, and office practice, including methods in shorthand and typewriting*

- 18 Social Business Studies: Advertising, economics, junior business training*, commercial geography*, commercial law*, marketing, salesmanship
- 30 ‡Social Studies: History, political science, contemporary civilization, economics, sociology, geography, international relations, citizenship
- 18 Speech: Speech fundamentals, public speaking, oral interpretations, dramatics
- 18 Vocal Music

5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate. & 24 semester-hour

* Required. credits in a subject matter field

† At least two phases of shopwork required.

‡ At least four fields, including European and American history, required.

§ Valid in elementary grades.

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ELEMENTARY

(~~Revised Regulation Adopted by State Board of Education on June 4, 1954~~)

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for teaching the elementary grades indicated on the certificate. It does not permit the holder to devote more than one half time to teaching in a special subject field.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. The teacher training program must include the following for authorization to teach in grades one through eight.
 - a. 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.
 - b. Thirty semester-hour credits in elementary education including work in the following areas. This work may be in separate or integrated courses.

Principles and Practices of Elementary Education (Methods)
 Elementary School Curriculum
 Child Growth and Development
 Arts and Crafts
 Geography
 Health and Physical Education
 History
 Language Arts
 Mathematics
 Music
 Reading
 Science

- c. One hundred and fifty clock hours of approved student teaching in the elementary field. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.
3. This certificate may be extended to include the kindergarten when the holder completes one year of approved teaching experience in grade one, two, or three.
4. Graduates of a teacher education program with specialization in the kindergarten-primary field will be authorized to teach in the kindergarten through grade three during the first year of teaching. After one year of teaching experience, the authorization will be extended through grade six, and an additional year of experience in grade four, five, or six will extend the authorization to grade eight.
5. Graduates of teacher training institutions with specialization in the upper grades four through nine may present twelve semester-hour credits in primary education to extend the authorization to include grades one through eight.

TERM. The limited certificate may be made permanent when the applicant completes ~~three~~ years of successful teaching experience within the scope of the certificate.

**ELEMENTARY ENDORSEMENT
ON STANDARD SECONDARY OR SPECIFIC
FIELD CERTIFICATE**

AUTHORIZATION. This endorsement ^{shall be} is required for teaching in the elementary grades three through eight.

REQUIREMENTS.

1. A secondary or specific field certificate.
2. A minimum total of eighteen semester-hour credits in the elementary subject fields including work in each of the areas listed below. This work may be in separate or integrated courses.
 - Arts and Crafts
 - Geography
 - Health and Physical Education
 - History
 - Language Arts
 - Mathematics
 - Music
 - Reading
 - Science
3. For authorization to include grades one and two, twelve semester-hour credits in primary education are required.
4. ~~For authorization to include kindergarten, six additional semester-hour credits in kindergarten education are required.~~

TERM. The endorsement may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

NURSERY SCHOOL ^{shall be}

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching in any nursery school established as part of the public school system.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college approved for the preparation of teachers for nursery school work, or a bachelor's degree based upon an accredited curriculum in a four-year college and a minimum of thirty semester-hour credits in specialized nursery school training.
2. The teacher training program shall include work in each of the following areas:
 - a. History, principles, and philosophy of education.
 - b. Child development from birth to twelve years, and related courses in psychology, mental hygiene, child health, and nutrition.
 - c. Nursery school curriculum and procedure. The curriculum shall include literature, story telling, music, art, and science for children two to five years of age.
 - d. Child, family, and community life.
 - e. One hundred and fifty clock hours of approved student teaching in nursery schools on more than one age level. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

NURSERY SCHOOL ENDORSEMENT ON ELEMENTARY CERTIFICATE

This certificate shall be required for teaching
AUTHORIZATION. ~~To teach~~ in any nursery school established as part of the public school system.

REQUIREMENTS.

1. An elementary teacher's certificate and six credits in specialized nursery school training including work in each of the areas starred below:
 - *a. Curriculum studies, including literature, story telling, music, art, and science for children approximately two to five years of age.
 - *b. Methods of teaching in the nursery school.
 - c. Child health and nutrition for children under five years of age.
 - d. Child growth and development from birth to six years.
2. A minimum of sixty clock hours of approved student teaching in nursery schools on more than one age level.

TERM. This endorsement may be made permanent when the applicant completes three years of successful teaching experience in the nursery school and six additional semester-hour credits in the courses listed above.

ART

shall be

AUTHORIZATION. This certificate is required for teaching art in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c. below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the specific field, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization, distributed among the following areas and covering both the elementary and secondary fields with major emphasis on the first three areas:
 - a. Philosophy, principles, methods, and a study of the curriculum in fine arts.
 - b. Art history and art appreciation and design, including

architecture, housing and community design, house furnishing or interior architecture and design.

- c. Painting, sculpture, drawing, and composition.
- d. Graphic arts, including lithography, etching, wood cuts, wood engraving, photography, silk screening, linoleum-block printing, and lettering.
- e. Crafts, including plastics, woodwork, metalwork, jewelry, theatre, puppetry, fashion design and illustrations, ceramics, and textile weaving.
5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

BUSINESS EDUCATION

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching in secondary or vocational schools the business subjects in the subfields endorsed on the certificate.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. Three hundred clock hours of business experience approved by the State Department of Education.
4. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in methods of teaching the skill subjects to be taught and one in b, c, and d. below.
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching the skill subjects to be taught, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. A course dealing with the aims, scope, and desirable outcomes of business education.
 - e. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in one specific field, and (4) extracurricular activities.
 - f. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - g. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
5. Twelve semester-hour credits in subjects basic to business and

commerce including courses in business economics, business law, economic geography, introduction to business, consumer education, and business organization.

6. Eighteen semester-hour credits in each of the following subfields to be endorsed on the certificate:
 - a. Bookkeeping and accounting, including business mathematics; bookkeeping practice including record keeping, business machines, and equipment used in an accounting office; introduction to business, typewriting, fundamentals of business organization, business law, and money and banking. There must be a minimum of twelve semester-hour credits in bookkeeping and accounting.
 - b. Secretarial practice and business correspondence, including record keeping, filing, duties of a secretary, and an understanding of machines and equipment used by the secretary. There must be a minimum of twelve semester-hour credits in shorthand and typewriting.
 - c. Social business or basic business education, including economics, business law, economic geography, business organization, marketing, consumer education, introduction to business, or other courses in this field.
7. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

DRIVER EDUCATION

AUTHORIZATION This endorsement shall be required for teaching behind-the-wheel automobile driver education and driver training.

REQUIREMENTS

1. A valid New Jersey teacher's certificate.
2. A current New Jersey driver's license.
3. Three years of automobile driving experience.
4. Evidence of satisfactory completion of a course in driver education and driver training approved by the Commissioner of Education.

HEALTH

shall be

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching health studies in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A total of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c. below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the specific field, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization distributed among the following four areas, and covering both the elementary and secondary fields, with major emphasis on Group c:
 - a. Bacteriology, biology, and chemistry.
 - b. Psychology and sociology, including mental hygiene, adolescent psychology, sociology, and educational sociology.

- c. Health education, including anatomy, physiology, child growth and development, personal and community health, foods and nutrition, health aspects of home and family life, health counseling, safety and first aid, and organization, administration, and supervision of school health program.
- d. Methods of teaching, including a study of the public school health education curriculum.
5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

**INDUSTRIAL ARTS
(Academic Background)**

shall be

AUTHORIZATION. This certificate is required for teaching industrial arts in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. Three hundred clock hours of work experience in occupations related to the industrial arts field approved by the State Department of Education.
4. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c. below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the specific field, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
5. A minimum of forty semester-hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:

- a. General shop; shop mathematics; woodwork including design and construction of woodworking projects and wood finishing; home mechanics.
 - b. Metal work including copper, brass, aluminum, band iron and sheet metals; auto mechanics.
 - c. Mechanical drawing as related to industrial arts, architecture and machine design.
 - d. Graphic arts to include etchings, wood cuts, wood engraving, photography, silk screening and linoleum-block printing.
 - e. Crafts including plastics, wood carving and wood inlay, art metal work, aluminum craft, and simple jewelry.
6. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

INDUSTRIAL ARTS (Experience Background)

AUTHORIZATION. This certificate ^{shall be} is required for teaching industrial arts in elementary and secondary schools.

REQUIREMENTS.

1. High school graduation or equivalent attainment and a minimum of eighteen semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
2. Four years of approved industrial, trade, or technical experience.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c. below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in industrial arts, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:

- a. General shop; shop mathematics; woodworking including design and construction of woodworking projects and wood finishing; home mechanics.
- b. Metal work including copper, brass, aluminum, band iron and sheet metals; auto mechanics.
- c. Mechanical drawing as related to industrial arts, architecture and machine design.
- d. Graphic arts to include etchings, wood cuts, wood engraving, photography, silk screening and linoleum-block printing.
- e. Crafts including plastics, wood carving and wood inlay, art metal work, aluminum craft, and simple jewelry.
5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

PROFESSIONAL LIBRARIAN'S CERTIFICATE

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for service as librarian or professional library assistant in a public library.

REQUIREMENTS.

Limited Certificate

1. Current professional employment in a public library.
2. a. Graduation from a library school accredited by the New Jersey State Board of Education,
or
b. Graduation from a college or university accredited by the New Jersey State Board of Education and six months employment in a public library,
or
c. Completion of two years' employment in a public library; completion of two years of college studies leading to a bachelor's degree, and at least twelve semester-hour credits in library studies.

Permanent Certificate

1. Current professional employment in a public library.
2. a. Graduation from a library school accredited by the New Jersey State Board of Education and completion of three years of successful experience in a public library
or
b. Possession of a professional certificate granted under the voluntary plan of the New Jersey Library Association.

TERM.

Limited Certificate. The limited certificate is initially valid for a period of five years.

Renewal of Limited Certificate. A limited certificate may be renewed at the end of each five-year period without payment of an additional fee, provided six semester-hour credits in the field of library science are completed during each period.

Permanent Certificate. A permanent certificate may be obtained when professional study has led to graduation from a library school accredited by the New Jersey State Board of Education. Also three years of successful experience in a public library must have been completed. The issuance of this permanent certificate is, furthermore, dependent upon current professional employment in a public library.

SCHOOL LIBRARIAN

AUTHORIZATION. This certificate ^{shall be} is required for service as a school librarian and instruction in the use of the school library in elementary and/or secondary schools and junior college.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of twelve semester-hour credits in courses distributed over three or more of the following five groups, including a course in health education.
 - a. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - b. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
 - c. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - d. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - e. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the field of specialization, and (4) extracurricular activities.
4. A degree in library science from an accredited institution or its equivalent, in which must be included at least thirty semester-hour credits in library science related to public school service, in such areas as:
 - a. Cataloging.
 - b. Classification.
 - c. Reference work.
 - d. Bibliography.

- e. Selection of instructional materials, including book selection for children.
- f. Library organization and administration.

5. One hundred fifty clock hours of appropriate practice work in a library or 150 clock hours of approved student teaching, or a combination of both.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

TEACHER-LIBRARIAN

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for service as a teacher-librarian and instruction in the use of the school library in elementary and/or secondary schools.

REQUIREMENTS

1. A teacher's certificate.
2. A minimum of eighteen semester-hour credits in library science related to public school service, in such areas as:
 - a. Cataloging.
 - b. Classification.
 - c. Reference work.
 - d. Bibliography.
 - e. Selection of instructional materials including book selection for children.
 - f. Library organization and administration.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

MUSIC

shall be

AUTHORIZATION. This certificate is required for teaching music in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c. below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the field of specialization, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:
 - a. Music reading and dictation; music history and music literature.
 - b. Music theory, including harmony and counterpoint, key-

board harmony, elementary composition, and form and analysis.

c. Instrumentation, orchestration, conducting, and score reading for chorus, orchestra, and/or band.

d. Applied Music:

Piano. Ability to play a four-part choral at sight and to be able to play accompaniments to school songs and assembly singing.

Voice. Ability to sing in tune with good quality, diction, and ease of production.

Voice. Ability and training to sing artistically folk and art songs suitable for high school classes.

Each candidate should possess superior ability in one medium—voice, piano, or other instrument.

In lieu of the above semester-hour requirements, any institution may submit to the State Board of Examiners a statement of the individual's ability to satisfy the above applied music requirements.

5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

This certificate shall be required for teaching

INSTRUMENTAL MUSIC

AUTHORIZATION. ~~To teach~~ instrumental music, orchestra and band, in elementary and secondary schools.

REQUIREMENTS.

1. Proof of ability to play the piano or organ and one other instrument.
2. The equivalent of one year (thirty-two semester-hour credits) in the study of education in music, including:
 - a. Music theory (harmony, counterpoint, orchestration).
 - b. Music appreciation and history.
 - c. Instrumental music.
 - d. Orchestra and band.
 - e. Conducting.
 - f. Education (psychology, principles, methods of teaching).

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

PHYSICAL EDUCATION

AUTHORIZATION. This certificate ^{shall be} is required for teaching physical education in elementary and secondary schools. (Health education shall be included in this authorization if the curriculum contains at least eighteen semester-hour credits in this field.)

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the field of specialization, and (4) extracurricular activities.
 - e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:
 - a. Anatomy, physiology, kinesiology.

- b. Coaching, development of personal skills, nature and function of play.
- c. History, principles, and organization and administration of physical education.
- d. Materials and methods in physical education for the elementary grades and materials and methods in physical education for the high school.
- e. Health education including personal and community hygiene, first aid, and safety.
5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

PERMISSIVE ENDORSEMENT IN RECREATION

REQUIREMENTS.

1. A teacher's certificate.
2. For a major, a minimum of thirty semester-hour credits, or for a minor, a minimum of eighteen semester-hour credits, including work in each of the following areas:
 - a. Community recreation, including history, principles and philosophy, organization and administration of recreation.
 - b. First aid and safety.
 - c. Outdoor education, including school camping, camp leadership, training and organization, camp crafts and administration.
 - d. Recreation education, including study of recreation areas and facilities, programming of recreation, playground management, publicity, club work, group work, crafts, games and dancing, swimming, music, and dramatics.

RECREATION

(Permissive)

AUTHORIZATION. This certificate authorizes the holder to teach recreation in the elementary and secondary schools and ~~may~~^{shall} be secured by recreation directors employed by boards of education.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A total of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including a least one course in a, b, and c below:
 - a. Methods of teaching. This group includes such courses as: (1) methods of teaching in elementary and secondary schools, (2) visual aids in education, and (3) individualizing instruction.
 - b. Educational psychology. This group includes such courses as: (1) psychology of learning, (2) human growth and development, (3) adolescent psychology, (4) educational measurements, and (5) mental hygiene.
 - c. Health Education. This group includes such courses as: (1) personal health problems, (2) school health problems, (3) nutrition, (4) health administration, and (5) biology.
 - d. Curriculum. This group includes such courses as: (1) principles of curriculum construction, (2) the high school curriculum, (3) a study of the curriculum in the specific field, and (4) extracurricular activities.

- e. Foundations of education. This group includes such courses as: (1) history of education, (2) principles of education, (3) philosophy of education, (4) comparative education, and (5) educational sociology.
 - f. Guidance. This group includes such courses as: (1) principles of guidance, (2) counseling, (3) vocational guidance, (4) educational guidance, (5) research in guidance, and (6) student personnel problems.
4. A minimum of forty semester-hour credits in the field of specialization distributed among the following areas and covering both the elementary and secondary fields:
 - a. Community recreation, including history, principles and philosophy, organization and administration of recreation.
 - b. Outdoor education, including school camping, camp leadership, training and organization, camp crafts and administration.
 - c. First aid and safety.
 - d. Recreation education, including study of recreation areas and facilities, programming of recreation, playground management, publicity, club work, group work, crafts, games and dancing, swimming, music, and dramatics.
 - e. Related science and social studies, including health education, biological science, social problems, adult education, counseling and guidance.
 5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible teaching and/or supervision of recreational activities; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

G-598

MENTALLY HANDICAPPED

AUTHORIZATION. This endorsement ~~is~~ ^{shall be} required for teaching mentally handicapped children in elementary or secondary schools.

REQUIREMENTS.

- 1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary practices and procedures before qualifying to teach mentally handicapped children on the elementary level.
- 2. A minimum of six semester-hour credits chosen from the courses listed below:

- Methods of Teaching Handicapped Children
- Speech Correction
- Psychology of Handicapped Children
- Child Growth and Development
- Reading Disabilities
- Clinical Measurements
- Arts and Crafts for Slow Learners
- Curriculum Building for Different Maturation Levels
- Programs, Materials, and Methods for Teaching Slow Learners

- 3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching mentally handicapped children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching the mentally handicapped and eighteen additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-599

BLIND

shall be

AUTHORIZATION. This endorsement ~~is~~ required for teaching the blind in elementary or secondary schools.

REQUIREMENTS.

limited or permanent

1. A/ elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary practices and procedures before qualifying to teach the blind on the elementary level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

- Programs and Materials for Teaching Partially-Seeing Children
- Methods of Teaching Handicapped Children
- Psychology of Handicapped Children
- Child Growth and Development
- Methods of Teaching Typewriting
- Arts and Crafts for the Blind
- Anatomy, Physiology, and Hygiene of the Eye
- Methods of Teaching the Blind
- Principles of Education of the Blind
- Braille and Methods of Teaching Braille

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching the blind, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching the blind and eighteen additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-600

PARTIALLY-SEEING

AUTHORIZATION. This endorsement ^{shall be} ~~is~~ required for teaching partially-seeing children in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of ²secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary practices and procedures before qualifying to teach the partially-seeing on the elementary school level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

- Principles of Teaching the Blind
- Methods of Teaching Handicapped Children
- Child Growth and Development
- Methods of Teaching Typewriting
- Methods of Teaching the Blind
- Psychology of Handicapped Children
- Reading Disabilities
- Anatomy, Physiology, and Hygiene of the Eye
- Programs and Materials for Teaching the Partially-Seeing
- Principles of Education of Children with Impaired Vision

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching partially-seeing children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching partially-seeing children and twelve additional semester-hour credits in the courses listed above.

Note. The eighteen semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-601

DEAF

AUTHORIZATION. This endorsement ~~is~~ ^{shall be} required for teaching the deaf in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary practices and procedures before qualifying to teach the deaf on the elementary level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

Methods of Teaching Handicapped Children
 Psychology of Handicapped Children
 Child Growth and Development
 Anatomy and Physiology of the Ear and Speech Mechanism
 Audiometric Testing and Hearing Aids
 Auditory Training
 Speech Reading
 Language Development for the Deaf
 Teaching of Speech to the Deaf

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching deaf children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching the deaf and eighteen additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-602

HARD OF HEARING

AUTHORIZATION. This endorsement ^{shall be} ~~is~~ required for teaching hard of hearing children in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary practices and procedures before qualifying to teach hard of hearing children on the elementary level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

- Methods of Teaching Handicapped Children
- Child Growth and Development
- Anatomy and Physiology of the Ear and Speech Mechanism
- Psychology of Handicapped Children
- Auditory Training
- Speech Pathology
- Speech Correction including Phonetics
- Methods of Teaching the Hard of Hearing
- Speech Reading
- Audiometric Testing and Hearing Aids

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching hard of hearing children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching hard of hearing children and eight-
een additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

Dual certification for teaching speech defectives and hard of hearing children will be granted upon the completion of six semester-hour credits in the field of teaching speech defectives in addition to the twenty-four credits listed above.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-603

SPEECH DEFECTIVE

AUTHORIZATION. This endorsement ~~is~~ ^{shall be} required for teaching speech defective children in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary procedures and practices before qualifying to teach speech defective children on the elementary level.

2. A minimum of six semester-hour credits chosen from the courses listed below:

- Methods of Teaching Handicapped Children
- Child Growth and Development
- Anatomy and Physiology of the Ear and Speech Mechanism
- Psychology of Handicapped Children
- Speech Correction and Phonetics
- Speech Pathology
- Speech Practicum

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teach speech defective children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching speech defective children and eighteen additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

Dual certification for work with speech defective and hard of hearing children will be granted upon the completion of six semester-hour credits in the field of teaching hard of hearing children in addition to the twenty-four semester-hour credits listed above.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-604

ORTHOPEDICALLY HANDICAPPED

AUTHORIZATION. This endorsement ~~is~~ ^{shall be} required for teaching orthopedically handicapped children in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary procedures and practices before qualifying to teach orthopedically handicapped children on the elementary level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

Methods of Teaching Handicapped Children
 Speech Correction
 Psychology of Handicapped Children
 Child Growth and Development
 Vocational Guidance of the Orthopedically Handicapped
 Anatomy, Physiology, and Kinesiology
 Health Problems of the Orthopedically Handicapped
 Education and Care of the Orthopedically Handicapped
 Rehabilitation through Physical Education, Physical Therapy,
 and Occupational Therapy

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching orthopedically handicapped children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching orthopedically handicapped children and eighteen additional semester-hour credits in the courses listed above.

Note. The twenty-four semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

G-605

SOCIALLY AND EMOTIONALLY MALADJUSTED

AUTHORIZATION. This endorsement ^{shall be} is required for teaching socially and emotionally maladjusted children in elementary or secondary schools.

REQUIREMENTS.

1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary procedures and practices before qualifying to teach socially and emotionally maladjusted children on the elementary level.
2. A minimum of six semester-hour credits chosen from the courses listed below:

- Methods of Teaching Handicapped Children
- Mental Hygiene
- Child Growth and Development
- Problems of Instruction of Maladjusted Children
- Clinical Tests and Measurements
- Child Guidance
- Psychology of Handicapped Children
- Clinical Case Studies
- Advanced Mental Hygiene
- Family Relationships

3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching socially and emotionally maladjusted children, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching socially and emotionally maladjusted children and ten additional semester-hour credits in the courses listed above.

Note. The sixteen semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the

G-606

LOWERED VITALITY

AUTHORIZATION. This endorsement ^{shall be} is required for teaching children of lowered vitality in elementary or secondary schools.

REQUIREMENTS.

- 1. A limited or permanent elementary, secondary, or specific field teacher's certificate. The holder of a secondary or specific field certificate must present at least eight semester-hour credits in courses in elementary procedures and practices before qualifying to teach children of lowered vitality on the elementary level.
- 2. A minimum of six semester-hour credits chosen from the courses listed below:

- Methods of Teaching Handicapped Children
- Mental Hygiene
- Child Growth and Development
- Medical Needs and Physical Conditions of Cardiac and Undernourished Children
- Educational Problems of Special Health Classes
- Advanced Mental Hygiene
- Psychology of Handicapped Children
- Nutrition

- 3. One hundred and twenty clock hours of approved student teaching or one year of approved experience in teaching children of lowered vitality, or sixty clock hours of clinical experience.

TERM. The limited endorsement may be made permanent when the applicant completes three years of successful experience in teaching children of lowered vitality and ten additional semester-hour credits in the courses listed above.

Note. The sixteen semester-hour credits may be acquired either within or in addition to the college program.

A provisional endorsement may be granted to the holder of a limited or permanent elementary, secondary, or specific field teacher's certificate who lacks the credits specified in Section 2. This provisional endorsement will be valid for one year, during which time the teacher must complete a course in Methods of Teaching Handicapped Children or Psychology of Handicapped Children or a course of similar content dealing with adjustment and orientation problems pertaining to the handicapped or to procedures, courses of study, or programs of instruction for the handicapped. This provisional endorsement will be renewed annually on completion of at least one course chosen from the group in Section 2 until the credits for the limited endorsement have been presented.

AGRICULTURE
(Young Farmers and Adult Farmers)

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching agricultural programs for young farmers and for adult farmers in state-aided vocational schools.

REQUIREMENTS.

- 1. A certificate to teach vocational agriculture
or

graduation from a high school, preferably a vocational agricultural department or equivalent. In measuring the equivalency of a vocational high school department consideration will be given to completion of courses in vocational agriculture in state-operated or privately-endowed institutions which offer courses in this field.

- 2. Five years of approved practical farm experience after the age of fourteen.

- *3. A minimum of eighteen semester-hour credits including such courses as:

- Educational Psychology
- Principles of Secondary Education
- Guidance
- History of Education
- Philosophy of Education
- General Methods of Teaching
- Curriculum Studies
- Professional Relationships
- Community Relations
- Principles and Techniques of Teaching Agriculture
- Curriculum Studies in Agriculture in Secondary Schools
- Theory and Practice of Vocational Education
- Principles and Methods of Farm Mechanics

- 4. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

* In any case when it is impossible for a board of education to obtain a satisfactory candidate who can satisfy these requirements in education, permission may be given by the State Board of Examiners to the local board of education to employ the candidate who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the candidate shall receive a conditional certificate which expires at the end of the school year, and the renewal of this certificate shall depend on the number of credits secured during the year.

This certificate shall be required for teaching

AGRICULTURE

AUTHORIZATION. ~~To teach~~ vocational agriculture and ~~to~~ supervise farm activities of in-school youth and adults as required under the Federal Acts for Vocational Education.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited agricultural curriculum in a four-year college.
2. Two years of approved farm experience after the age of fourteen.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics. Six semester-hour credits in English and six in social studies will be required. These courses may be included in the bachelor's degree or they may be taken beyond the bachelor's degree on the graduate or undergraduate level.
4. A minimum of eighteen semester-hour credits including such courses as:

- Educational Psychology
- Principles of Secondary Education
- Guidance
- History of Education
- Philosophy of Education
- General Methods of Teaching
- Curriculum Studies
- Professional Relationships
- Community Relations
- Principles and Techniques of Teaching Agriculture
- Curriculum Studies in Agriculture in Secondary Schools
- Theory and Practice of Vocational Education
- Principles and Methods in Farm Mechanics.

5. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

AGRICULTURE
(Short Unit Courses)

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching short unit courses in agriculture or farm mechanics.

REQUIREMENTS.

1. Three years of approved occupational experience in the field in which the short unit instruction is to be given.
2. Completion of the tenth grade or the equivalent.
3. Ten clock hours of training in vocational teaching methods.

TERM. The limited certificate is valid for one year and may have five annual renewals upon the recommendation of the employing board of education and the approval of the State Board of Examiners. This certificate may not be made permanent.

G-624

HOME ECONOMICS
(Elementary and Secondary Schools)

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching general and vocational home economics in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Three hundred clock hours of practical experience approved by the State Department of Education in:
 - a. Community service, recreation, nursery school, child care, social service, or food preservation programs,
or
 - b. Homemaking in addition to practice house experience,
or
 - c. Commercial experience in the field of home economics, testing or research laboratories, tearoom, hospital, or merchandising experience as related to home economics.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics. Six semester-hour credits in English and six in social studies will be required.
4. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below. A course in Principles of Vocational Education must be taken for vocational certification.
 - a. Methods of teaching home economics
 - b. Educational psychology
 - c. Health education
 - d. Curriculum construction in home economics
 - e. Foundations of education
 - f. Guidance
5. A minimum of forty semester-hour credits in the field of specialization with credits distributed among the following areas in both elementary and secondary fields:
 - a. Foods and nutrition
 - b. Clothing and textiles
 - c. Family relationships
 - d. Family economics
 - e. Child care and development
 - f. Housing, home furnishings, and equipment
 - g. Home management

Home Economics - Elementary and Secondary Schools
(continued)

6. One hundred and fifty clock hours of approved student teaching. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

C-623

HOME ECONOMICS
Home Economics for Adults

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for teaching in part-time or full-time programs of home economics for adults in state and ~~or~~ ^{aided} federally aided programs of vocational education. _{state and}

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Three hundred clock hours of practical experience approved by the State Department of Education in:
 - a. Community service, recreation, nursery school, child care, social service, or food preservation program,
 - or
 - b. Homemaking in addition to practice house experience,
 - or
 - c. Commercial experience in the field of home economics, testing or research laboratories, tearoom, hospital, or merchandising experience as related to home economics.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics. Six semester-hour credits in English and six in social studies will be required.
4. A minimum of eighteen semester-hour credits in courses distributed over four or more of the following groups including at least one course in a, b, and c below. A course in Principles of Vocational Education must be taken for vocational certification.
 - a. Methods of teaching home economics
 - b. Educational psychology
 - c. Health education
 - d. Curriculum construction in home economics
 - e. Foundations of education
 - f. Guidance
5. A minimum of forty semester-hour credits in the field of specialization with credits distributed among the following areas in both elementary and secondary fields:
 - a. Foods and nutrition
 - b. Clothing and textiles
 - c. Family relationships
 - d. Family economics
 - e. Child care and development
 - f. Housing, home furnishings, and equipment
 - g. Home management

Home Economics for Adults
(continued)

6. Three years of teaching experience in home economics in the secondary school,

or

three years of experience in community service, nursery schools, child care, recreation, social service or food preservation programs,

or

three years of experience in commercial fields of home economics, testing or research laboratories, tearoom, hospital or merchandising experience as related to home economics.

7. Three semester-hour credits in methods and practices of teaching home economics for adults.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

G-619

VOCATIONAL TRADE and INDUSTRIAL

* Vocational Skilled Trades

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching in a State ^{aided} and/or ~~State and~~ Federally aided vocational program the particular subject recorded on the certificate and the subjects related to the trade.

REQUIREMENTS.

1. High school graduation or the equivalent. In measuring the equivalency, consideration will be given to supervisory experience in industry, experience in training workers on the job, foreman training, participation in the Training Within Industry programs, and unusual but desirable industrial experience beyond the minimum of the required eight years of trade experience.
2. Eight years of approved full-time experience including apprenticeship in the trade to be taught. However, consideration will be given in the evaluation of trade experience to allow not more than two years of trade experience credit for those who can submit evidence of two years of full-time study beyond the high school in the field related to the subject to be recorded on the certificate, or who can submit evidence of satisfactory completion of a program in the trade in an approved vocational-technical high school.
- **3. A minimum of eighteen semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, fine arts, science, and mathematics.
- **4. A minimum of eighteen semester-hour credits including courses in each of the following fields:

Principles of Vocational Education
 Fundamentals of Job Analysis applied to Vocational Education
 Development of instructional materials and devices
 Methods of teaching shop and related subjects
 Shop, classroom, and laboratory organization and management
 Vocational Guidance
 Problems of secondary schools
 Educational psychology
 Supervised practice in teaching vocational subjects

Term: The limited certificate may be made permanent when the applicant completes three years of successful teaching and the required courses.

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- * A skilled trade ^{shall} ~~will~~ be regarded as one in which there is a minimum learning period of two years of on-the-job training before reaching the classification of skilled worker or journeyman, or any trade listed by the Federal Committee on Apprentice Training as an apprenticeable trade.
 - ** In any case when it is impossible for a board of education to obtain a satisfactory applicant who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the applicant who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the applicant shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the principal of the school in which the applicant has served and the recommendations of the State Supervisor of Trade and Industrial Teacher Training as to the quality of the instruction rendered and the acceptability of the credits earned toward the indicated requirements of semester hours of study.

G-617

VOCATIONAL TRADE and INDUSTRIAL

*Vocations: Production, Personal, and Service Occupations ^{aided}

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching in a State and ~~/or~~ ^{aided} State and Federally aided vocational program the particular subject recorded on the certificate and the subjects related to the field for which it is issued.

REQUIREMENTS.

1. Completion of tenth grade or equivalent. In measuring the equivalency, consideration will be given to supervisory experience in industry, experience in training workers on the job, foreman training, participation in Training within Industry programs, and unusual but desirable industrial experience beyond the minimum of the required three years of occupational experience.
2. Three years of approved full-time experience in the occupation to be taught.
- **3. A minimum of eighteen semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics.
- **4. A minimum of eighteen semester-hour credits including courses in each of the following fields:

Principles of Vocational Education
 Fundamentals of Job Analysis applied to Vocational Education
 Development of instructional materials and devices
 Methods of teaching shop and related subjects
 Shop, classroom, and laboratory organization and management
 Supervised practice in teaching vocational subjects
 Vocational guidance
 Problems of secondary schools
 Educational psychology

Term: The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

* An occupation ~~will~~ ^{shall} be regarded as a recognized subdivision of a skilled trade.

** In any case when it is impossible for a board of education to obtain a satisfactory applicant who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the applicant who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the applicant shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the principal of the school in which the applicant has served and the recommendations of the State Supervisor of Trade and Industrial Teacher Training as to the quality of the instruction rendered and the acceptability of the credits earned toward the indicated requirements of semester hours of study.

G-618

VOCATIONAL TRADE and INDUSTRIAL

* Technical Fields

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching the technical subjects recorded on the certificate and the related technical subjects in a State and/or ^{State and} Federally aided vocational program. ^{aided}

REQUIREMENTS.

1. A bachelor's degree from an approved institution in art, science, education, or engineering or the equivalent. In measuring the equivalency, consideration will be given to supervisory experience in industry, to experience in engineering departments of industry, or to experience in research development in industry.
2. Three years of approved full-time trade or industrial experience or two years of approved full-time trade or industrial experience if the applicant holds a bachelor's degree in one of the above fields.
- **3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts and mathematics. These courses may be included in the bachelor's degree or they may be taken beyond the bachelor's degree on the graduate or undergraduate level.
- **4. A minimum of eighteen semester-hour credits including courses in each of the following fields:

Principles of Vocational Education
 Fundamentals of Job Analysis applied to Vocational Education
 Development of instructional materials and devices
 Methods of teaching shop and related subjects
 Shop, classroom, and laboratory organization and management
 Vocational Guidance
 Problems of secondary schools
 Educational psychology
 Supervised practice in teaching vocational subjects

Term: The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

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- * A vocational technical field is one in which technical knowledge is regarded as greater in importance than trade skills. The technical fields involve such areas as laboratory assistants, engineering assistants, industrial supervisors, and industrial production controllers.
 - ** In any case when it is impossible for a board of education to obtain a satisfactory applicant who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the applicant who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the applicant shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the principal of the school in which the applicant has served and the recommendations of the State Supervisor of Trade and Industrial Teacher Training as to the quality of the instruction rendered and the acceptability of the credits earned toward the indicated requirements of semester hours of study.

G-620

VOCATIONAL TRADE AND INDUSTRIAL

Coordinator

aided state and
 AUTHORIZATION. This certificate ~~is~~ *shall be* required of every person who is serving in a state and/or federally aided vocational program as a coordinator between school and industry in the field of apprenticeship or part-time cooperative trade and industrial education.

REQUIREMENTS.

- 1. A permanent vocational trade and industrial teacher's certificate.
- * 2. A minimum of eighteen semester-hours of credit including courses in each of the following fields:

- Administration of Vocational Education
- Supervision of Vocational Education
- Methods of coordinating shop and related instruction
- Techniques in the development of industrial instructional materials
- Problems in organization, administration, and supervision of apprentice programs
- Socio-Economic Legislation (with particular emphasis on State and Federal labor laws)

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

* In any case when it is impossible for a board of education to obtain a satisfactory applicant who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the applicant who will agree to satisfy the requirements after he has begun service. In such case, the candidate shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the school administrator of the system in which the candidate is employed and the recommendation of the State Supervisor of Trade and Industrial Teacher Training as to the progress in and acceptability of the credits earned toward the requirements of eighteen semester-hours of study.

G-621

VOCATIONAL TRADE AND INDUSTRIAL

* Related Subjects

(Skilled trades, production, personal and service occupation)

state and
 AUTHORIZATION. This certificate ~~is~~ *shall be* required for teaching related subjects in a state *aided*
 and/or federally aided vocational program.

REQUIREMENTS.

1. A bachelor's degree from an approved institution in arts, science, education, or engineering.

2. Teachers of related subjects in the skilled trades must present evidence of two years of approved full-time skilled trade experience. Teachers of related subjects in the production, personal and service occupations must present evidence of at least one year of approved full-time occupational experience.

** 3. A minimum of eighteen semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics.

** 4. A minimum of eighteen semester-hour credits including courses in each of the following fields:

Principles of Vocational Education
 Fundamentals of Job Analysis applied to Vocational Education
 Development of instructional materials and devices
 Methods of teaching shop and related subjects
 Shop, classroom, and laboratory organization and management
 Supervised practice in teaching vocational subjects
 Vocational guidance
 Problems of secondary schools
 Educational psychology

TERM. The limited certificate may be made permanent when the applicant completes three years of successful teaching experience within the scope of the certificate.

* Related subjects are those in the field of mathematics, science, drawing, and other subjects which contribute to the effective utilization of shop skills.

** In any case when it is impossible for a board of education to obtain a satisfactory applicant who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the applicant who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the applicant shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the principal of the school in which the applicant has served and the recommendations of the State Supervisor of Trade and Industrial Teacher Training as to the quality of the instruction rendered and the acceptability of the credits earned toward the indicated requirements of semester hours of study.

TEACHER OR TEACHER-COORDINATOR FOR DISTRIBUTIVE EDUCATION

AUTHORIZATION. ~~To teach and/or coordinate~~ distributive education in the secondary schools. *teaching*

REQUIREMENTS.

- 1. A bachelor's degree based upon an accredited curriculum in a four-year college.
- 2. Two years of approved merchandising and selling experience.
- 3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics. Six semester-hour credits in English and six in social studies will be required. These courses may be included in the bachelor's degree or they may be taken beyond the bachelor's degree on the graduate or undergraduate level.

*4. A minimum of eighteen semester-hour credits including the following courses;

- Principles of Vocational Education
- Development of Instructional Materials and Devices
- Methods of Teaching Distributive Education Subjects
- Classroom Organization and Management
- Vocational Guidance
- Problems of Secondary Schools
- Supervised Practice in Teaching.

*5. A minimum of eighteen semester-hour credits in the field of specialization distributed among the following areas;

- a. Salesmanship.
- b. Color, line and design.
- c. Merchandising.
- d. Store management and personnel.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

*In any case when it is impossible for a board of education to obtain a satisfactory candidate who can satisfy these requirements, permission may be given to the candidate by the State Board of Examiners to satisfy the requirements after he has begun service as a teacher. In such case the candidate shall receive a conditional certificate which expires at the end of the school year, and the renewal of this certificate shall depend on the number of credits secured during the school year.

G-622

GUIDANCE AND PLACEMENT COUNSELOR
IN A VOCATIONAL SCHOOL

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required of every person engaged in guidance and placement work in a state-aided vocational school.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Three years of successful teaching experience in a state-aided vocational school, or one year in counseling in industry or education, or in a personnel experience, and three years of approved occupational experience.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, and mathematics. These courses may be completed in the bachelor's degree or in work beyond the bachelor's degree on the graduate or undergraduate level.
- * 4. Eighteen semester-hour credits including the following courses:

Principles of Vocational Education
Tests and Measurements

and at least

Twelve semester-hour credits in guidance

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

* In any case when it is impossible for a board of education to obtain a satisfactory candidate who can satisfy these requirements, permission may be given by the State Board of Examiners to the local board of education to employ the candidate who will agree to satisfy the requirements after he has begun service as a teacher. In such case, the candidate shall receive a conditional certificate which expires at the end of the school year. The renewal of this certificate shall depend upon the recommendation of the principal of the school in which the candidate has served and the recommendation of the State Supervisor of Occupational Information and Guidance as to the quality of the instruction rendered and the acceptability of the credits earned toward the requirement of eighteen semester-hours of study.

G-613

VOCATIONAL ADMINISTRATOR

AUTHORIZATION. This certificate ^{shall be} ~~is~~ required for the position of director or assistant director of any State ^{aided} ~~and/or~~ ^{state and} Federally aided vocational school system having more than one school. It may be obtained by the principal of any vocational school when the principal devotes one-half time or more to administrative duties.
(When so designated by the Board)

REQUIREMENTS.

1. A permanent New Jersey vocational teacher's certificate or its equivalent.
2. A master's degree from an approved institution or equivalent.
3. (a) Three years of experience as a vocational school principal,
or
(b) Three years of experience in vocational education as a coordinator, supervisor, or assistant principal when so designated by a board of education.
4. Thirty-two semester-hours graduate or undergraduate credits in the fields of administration and supervision. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Administration and supervision of secondary education.
 - b. Administration and supervision of vocational education.
 - c. Curriculum of vocational school instruction.
 - d. Curriculum of secondary school instruction.
 - e. Electives related to the fields of administration and supervision, including such areas as: statistics, public relations, school law, social legislation affecting public education, school finance, and guidance.

Term: The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

G-614

VOCATIONAL SUPERVISOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for service in any State ^{aided} and/or State and Federally aided vocational school or in the vocational fields of Agriculture, Distributive Education, Guidance, Home Economics, or Trades and Industry in such positions as: Supervisor of Part-time and Evening Instruction and Supervisor of Guidance, Placement, and Follow-up.

REQUIREMENTS.

1. A permanent New Jersey vocational teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credit in administration or supervision pertaining to the vocational field in which the supervision is to take place. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Supervision of vocational education
 - b. Administration and supervision of secondary education. In addition to one basic course in administration, electives may be made from such fields as: school finance and records, community relations, personnel and guidance, tests and measurements, and school law.
 - c. Curriculum construction applied to vocational education.
 - d. Electives related to the field of vocational school supervision.

Term: The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate, and in addition to the above requirements, eight semester-hour credits in vocational or general secondary education.

G-615

VOCATIONAL SCHOOL PRINCIPAL

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for the position of principal of any State ~~and/or~~ ^{aided} State and Federally aided vocational school. This includes the principalship of a vocational school or a vocational technical high school.

This certificate may be issued to an assistant principal, vice principal, or evening vocational school principal, who holds a permanent vocational teacher's certificate (when so designated by a board of education) spending more than one-half time in the fields of administration or supervision.

Three years of experience within the authorization of this certificate will be accepted in meeting the experience requirements for a vocational director's certificate.

REQUIREMENTS.

1. A permanent New Jersey vocational teacher's certificate or its equivalent.
2. A bachelor's degree based upon an accredited curriculum in a four-year college.
3. Twenty-four semester-hour graduate or undergraduate credits in administration or supervision. These credits must be in addition to those required for the permanent teacher's certificate and must include work in each of the following areas:
 - a. Supervision of vocational education.
 - b. Administration and supervision of secondary education. In addition to one basic course in administration, electives may be made from such fields as: school finance and records, community relations, personnel and guidance, tests and measurements, and school law.
 - c. Curriculum construction applied to secondary and vocational education.
 - d. Electives related to the field of vocational school supervision.

Term: The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate, and in addition to the above requirements, eight semester-hour credits in vocational or general secondary education.

G-616

TEMPORARY VOCATIONAL

AUTHORIZATION. A temporary vocational license ^{shall be} ~~may~~ be issued on the approval of the State Board of Examiners to an applicant to teach evening vocational classes or short unit classes in State ^{-aided - State and} ~~and/or~~ Federally aided vocational schools upon the application of the employing board.

REQUIREMENTS.

The applicant must be at least twenty-one years old and must have had adequate practical experience to fit him for the particular position he is to fill.

TERM. The temporary vocational certificate ^{shall be} ~~is~~ valid for five years only.

GUIDANCE DIRECTOR

AUTHORIZATION. This certificate ^{shall be} required for service as a supervisor or coordinator of guidance and personnel in one or more elementary ~~and~~ or secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. Three years of experience in teaching or in personnel work in which teaching was involved.
3. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
4. A total of forty-eight semester-hour credits distributed among the following areas with a minimum of twenty-four semester-hour credits chosen from a, twelve from b, and twelve from the other areas:
 - a. Guidance. Principles of guidance, counseling techniques, organization and administration of guidance programs, student personnel work, job analysis, and occupational information and placement.
 - b. Psychology. Psychology of physical and mental growth, child and adolescent psychology, abnormal psychology, physical and mental hygiene, mental abnormalities and defects, rehabilitation, psychology of parent and child relationships, race relations, and the family.
 - c. Tests and measurements.
 - d. Labor economics, industrial relations, and vocational education.
 - e. Community areas. The school and the community, community agencies, group relations, laws and regulations on school attendance and child labor, community resources, and community surveys.
5. Field work. Observation of guidance practices and supervised field work in guidance.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience as a guidance supervisor or coordinator in any public school.

TEACHER-COUNSELOR

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for teaching and counseling students in carrying out the guidance and personnel function of the school.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A teacher's certificate.
3. One year of teaching experience.
4. A minimum of eighteen semester-hour credits in courses in psychology and guidance, at least twelve of which must be in guidance. The remaining six credits must be in psychology and educational tests and measurements (exclusive of courses in general and educational psychology).

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience as a counselor and presents twelve additional credits in psychology and guidance, six of which must be in guidance, and exclusive of courses in general and educational psychology.

SCHOOL NURSE

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for service as a nurse in elementary and secondary schools.

REQUIREMENTS.

1. High school graduation or equivalent attainment.
2. Graduation from an approved school of nursing.
3. Registration as a nurse in New Jersey.
4. One year of experience as a registered nurse, or graduation from an accredited college.
5. Completion of a minimum total of twelve semester-hour credits with work in each of the fields as listed below in a college approved by the New Jersey State Board of Education:
 - a. School nursing including such areas as organization and administration of school health services and school health problems.
 - b. Child growth and development: mental, emotional, social and physical.
 - c. Methods and materials in teaching including such areas as child development and care, nutrition, home nursing, safety, and first aid.
 - d. Public school curriculum including such areas as curriculum building in health, nutrition and safety.
 - e. Sociology including such areas as applied sociology, family case work, and education for family living.
 - f. Public health including such areas as public health nursing, community health problems, and communicable disease control.

TERM. The limited certificate may be made permanent when the applicant completes:

1. Three years of successful experience as a school nurse.
2. Completion of a minimum total of eighteen semester-hour credits with work in each of the fields as listed below in a college approved by the New Jersey State Board of Education.
 - a. School nursing including such areas as organization and administration of school health services, and school health problems.
 - b. Child growth and development including such areas as psychology of learning, human growth and development, adolescent psychology, educational measurements, and mental hygiene.
 - c. Methods and materials in health education including such areas as personal hygiene, anatomy and physiology, com-

- munity health, safety, first aid, home nursing, child development and care, and nutrition.
- d. Sociology including such areas as applied sociology, family case work, and education for family living.
- e. Public school curriculum including such areas as curriculum building in health, nutrition, and safety.
- f. Special health problems in education including such areas as vision conservation, hearing conservation; dental health; prevention and control of tuberculosis and other communicable diseases; and care, health supervision, and education of handicapped or exceptional children.

SCHOOL PSYCHOLOGIST

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for service as a psychologist in elementary and secondary schools.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A minimum of thirty semester-hour credits distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A master's degree in psychology, or its equivalent in graduate work, from an approved college or university which shall include thirty-six semester hour credits of graduate and undergraduate work, with a distribution among the following areas:
 - a. Psychology and growth of the normal child, such as physical and mental growth, childhood, adolescence, parent-child relationships, motivation of human behavior, mental hygiene, the family and society, the individual in different cultures, and the individual and social groups.
 - b. Psychology and growth of the exceptional child, such as the gifted and talented, the physically and mentally handicapped, the emotionally immature or abnormal, the socially maladjusted.
 - c. Psychology of learning, such as the usual learning process, diagnosis of difficulties, remedial procedures.
 - d. Procedures for diagnosing and interviewing, such as tests, inventories, other diagnostic procedures, statistics, aims and attitudes, and effective procedures in interviewing.
 - e. Community relations, such as the school and the community, community organization for child welfare, community resources.
 - f. Methods of teaching in elementary and secondary schools, or visual aids, individualizing instruction, principles of curriculum construction.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

4. Internship for at least 150 clock hours in a psychological clinic, child guidance clinic, school child guidance department, institution or hospital, and an additional 150 clock hours of clinical experience which may be included in the above courses.

SCHOOL SOCIAL WORKER

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for service as a school social worker (visiting teacher) in any school district in the state.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Three years of successful teaching experience or three years of approved social work experience or a combination of both.
3. Twelve semester-hour credits in approved courses distributed within the following areas:
 - a. Psychology, including educational psychology, general psychology, psychology of adolescence, child growth and development, and psychology of the atypical child.
 - b. Education, including philosophy of education, history of education, principles and methods of teaching, and curriculum studies.
 - c. Sociology and social problems, including courses dealing with delinquency, poverty, interracial and intercultural problems.

TERM. The limited certificate may be made permanent when the applicant completes:

1. Three years of successful experience as a school social worker.
2. Twelve semester-hour credits of additional study distributed among the following areas:
 - a. Social case work, introductory and advanced, including principles and practices in social case work, interviewing, and methods and skills in diagnosis.
 - b. Mental hygiene and social psychiatry, including dynamics of human behavior and psychopathology.
 - c. Medical information, including the function of the social worker in health problems.
 - d. Community organization and public welfare services, including a study of the present legislation dealing with the care and protection of dependent, neglected, handicapped, and delinquent children and adults.

A-1159

State of New Jersey
Department of Education
175 West State Street
Trenton 8

SCHOOL OCCUPATIONAL THERAPIST

AUTHORIZATION. This certificate ~~is~~ ^{shall be} required for service as an occupational therapist in elementary and secondary schools.

REQUIREMENTS:

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Graduation from an approved school of occupational therapy.

A-1158

State of New Jersey
Department of Education
175 West State Street
Trenton 8

SCHOOL PHYSICAL THERAPIST

AUTHORIZATION. This certificate ^{shall be} is required for service as a physical therapist in elementary and secondary schools.

REQUIREMENTS:

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. Graduation from a curriculum in physical therapy in an approved school.

TERM. The limited certificate may be made permanent when the applicant completes three years of successful experience within the scope of the certificate.

PROVISIONAL TEACHER-LIBRARIAN

Provisional Endorsement

AUTHORIZATION. To serve as a teacher-librarian and to give instruction in the use of the school library in elementary and/or secondary schools.

REQUIREMENTS.

1. A teacher's certificate.
2. Six semester-hour credits in library science related to public school service in such areas as:
 - a. Cataloging.
 - b. Classification.
 - c. Reference work.
 - d. Bibliography.
 - e. Selection of instructional materials, including book selection for children.
 - f. Library organization and administration.

TERM. This provisional endorsement ^{shall be} is valid for one year and may be renewed annually upon the completion of six semester-hour credits in library science selected from the areas listed above. When the holder of the provisional endorsement completes a total of eighteen semester-hour credits in approved courses in library science including work in each of the areas listed above, the provisional endorsement may be converted to a limited teacher-librarian's certificate.

Temporary Endorsement

Temporary certification in library studies may be granted to the holder of a teacher's certificate for use in a particular school district for one year and may be renewed upon application of the local board of education and the recommendation of the county superintendent of schools.

PROVISIONAL GUIDANCE ENDORSEMENT

AUTHORIZATION. To teach and counsel students in carrying out the guidance and personnel function of the school.

REQUIREMENTS.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A teacher's certificate.
3. A minimum of six credits in guidance.

TERM. The provisional endorsement ^{shall be} valid for one year. It may be renewed annually when the holder presents six credits leading to a limited certificate. It may be converted to a limited teacher-counselor's certificate when the holder presents a total of eighteen semester-hour credits in courses in psychology and guidance, at least twelve of which must be in guidance. The remaining six credits must be in psychology and educational tests and measurements (exclusive of courses in general and educational psychology).

PROVISIONAL ELEMENTARY CERTIFICATE

AUTHORIZATION. To teach in the elementary grades indicated on the certificate.

Requirements for Provisional.

1. A bachelor's degree based upon a four-year curriculum in an accredited college.
2. A minimum of thirty semester-hour credits in general background courses distributed in at least three of the following fields: English, social studies, science, fine arts, mathematics, and foreign languages. Six semester-hour credits in English and six in social studies will be required.
3. A minimum of six semester-hour credits in elementary education.

OR

1. Completion of a minimum of two years of normal school education equivalent to that required for a limited elementary teacher's certificate under former rules of the New Jersey State Board of Education.
2. Completion of two years of approved teaching experience in elementary school.

Requirements for Renewal of Provisional.

The first renewal of this provisional certificate will be granted when the applicant completes one course chosen from the deficiencies. Each annual renewal thereafter will require six semester-hour credits chosen from the remaining deficiencies.

Requirements for Limited Certificate.

The holder of a provisional elementary certificate may secure the limited certificate by completing the following requirements:

1. A college degree (for the holder of a normal school diploma).
2. Thirty semester-hour credits in elementary education in the areas listed below for authorization to teach in grades one through eight. The work may be in separate or integrated courses, but will include the primary and upper elementary grade levels. For extension to include the kindergarten, one year of satisfactory teaching experience in the kindergarten or grade one, two, or three is required.

- Principles and Practices of Elementary Education
- Elementary School Curriculum
- Child Growth and Development
- Arts and Crafts
- Geography
- Health and Physical Education
- American History
- Language Arts
- Mathematics
- Music
- Reading
- Science

3. One hundred and fifty clock hours of practice teaching in the elementary field. At least ninety clock hours must be devoted to responsible classroom teaching; sixty clock hours may be employed in observation and participation.

One year of successful experience under the provisional certificate will be accepted in lieu of the practice teaching requirement.

Requirements for Permanent Certificate.

TERM. A permanent elementary certificate to teach in the elementary grades indicated on the certificate will be issued to the holder of a provisional or limited elementary certificate when the applicant has completed the work required for the limited certificate and three years of successful experience within the service authorized.

PROVISIONAL SECONDARY OR SPECIFIC FIELDS CERTIFICATE and PROVISIONAL
CERTIFICATE IN AUXILIARY SERVICES

AUTHORIZATION. This certificate may be issued for teaching in the secondary grades, for teaching in the fields of art, health education, home economics, industrial arts, library studies, music, and physical education (women), and to school psychologists, school nurses, school social workers, and guidance directors.

REQUIREMENTS.

1. A bachelor's degree based upon an accredited curriculum in a four-year college.
2. A maximum deficiency of not more than twelve semester-hour credits. On a provisional secondary certificate, no more than six credits shall be lacking in the subject matter field to be taught.

RENEWAL OF PROVISIONAL CERTIFICATE.

The first renewal of the provisional certificate will be granted when the applicant completes one course chosen from the deficiencies. Each annual renewal thereafter will require six semester-hour credits chosen from the remaining deficiencies.

EMERGENCY ELEMENTARY CERTIFICATE

AUTHORIZATION. This certificate may be issued for teaching the elementary grades indicated on the certificate in an emergency situation.

REQUIREMENTS.

1. A request submitted in writing by a board of education or its authorized agent certifying to the fact that the emergency certificate is needed for a specific elementary grade position in a particular school district because the board of education has not been able to secure the services of a teacher suitable for the position. This request must be based upon official action by the board of education of the district and must be founded upon the existence of an emergency situation.
2. Two years of college work totaling at least sixty semester-hour credits in an approved college, except upon special permission of the Commissioner of Education.

RENEWAL OF EMERGENCY CERTIFICATE.

The holder of an emergency teacher's certificate must complete six semester hours or work, or its equivalent as approved by the Commissioner of Education, within the life of the emergency certificate preliminary to application for the renewal of the certificate.

EMERGENCY INDUSTRIAL ARTS

AUTHORIZATION. This certificate may be issued for teaching industrial arts in elementary and secondary grades in a specific school system.

REQUIREMENTS.

A request submitted in writing by a board of education or its authorized agent certifying to the fact that the emergency certificate is needed for a specific industrial arts teaching position in a specific school system because the board of education has not been able to secure the services of a teacher suitable for the position. This request must be based upon official action by the board of education of the district and must be founded upon the existence of an emergency situation.

TERM. The emergency certificate ^{shall be} issued only for a period not to exceed one year, and this fact is so indicated on the certificate. Upon the expiration of the certificate, a new application for another emergency certificate may be made if authorized by the board of education of the district. However, no assurance of the issuance of another certificate is given. The application for the new emergency certificate will be considered on the basis of the emergency of the situation.

A-1056

RESOLUTION CONCERNING CONTINUATION OF EDUCATIONAL CERTIFICATION STATUS OF VETERANS
~~Adopted by State Board of Education on June 5, 1952~~

- A. ~~WHEREAS:~~ Resolutions were adopted by the State Board of Education on February 8, 1946, relating to the experience and training credit and status of certification for veterans, and
- B. ~~WHEREAS:~~ The effectiveness of such regulations terminates September 1, 1952, and
- C. ~~WHEREAS:~~ The need for the continuation of these regulations still exists, therefore, be it
- D. ~~RESOLVED:~~ That the following resolutions concerning the educational certification status of veterans be extended until September 1, 1953.
- E. ~~RESOLVED:~~ That credit for subjects and practical experience shall be allowed in all fields in which a reasonable degree of equivalency can be established.
- F. ~~RESOLVED:~~ That approved armed-service teaching experience shall be allowed in full toward practice teaching requirements.
- G. ~~RESOLVED:~~ That credit for approved armed-service teaching experience shall be granted to the extent of two of the three years of successful experience required for a permanent certificate.
- H. ~~RESOLVED:~~ That approved administrative experience in the armed services shall be credited to the extent of one and one half years of the three years of successful experience required for supervisory and administrative certificates.
- I. ~~RESOLVED:~~ That the extension of a veteran's pre-service certification status will be made for a time equivalent to the period of his military service, such extension to begin at the time of his discharge or reversion to inactive status.
- J. ~~RESOLVED:~~ That, in accordance with the rules and regulations governing the issuance of provisional certificates, such a certificate will be given to a veteran who lacks not more than eight credits in courses required for a vocational supervisor's, subject supervisor's, general supervisor's - old or new, high school principal's, elementary school principal's, supervising principal's, or administrator's certificate. Application for this provisional certificate must be made within a time equivalent to the period of his military service.
- K. ~~RESOLVED:~~ That, in accordance with the preceding regulation, credit for armed-service experience will be allowed only after an evaluation of such experience is made in the light of these regulations in each individual case.