

STATE OF IOWA

1924-25

Teacher Qualifications for Approved Schools

STATE OF IOWA
DEPARTMENT OF PUBLIC INSTRUCTION
DES MOINES

May E. Francis, Superintendent.

**Qualifications Required of Teachers in Iowa High Schools Approved
for Tuition Purposes
For the School Year 1924-'25**

Superintendent:

1. High school graduation plus the completion of four years of training in an approved college.
2. An Iowa State Certificate.
3. Two years of successful teaching experience.
4. A superintendent who is the holder of a regular state certificate, who has completed at least two years of college work, and who has had at least five years of teaching experience may continue to be approved as superintendent of an Iowa approved school if he pursues his college work at the rate of twelve weeks' credit which may be applied on the bachelor's degree each two years. This college work may be taken in residence, in summer school, or by extension.

High School Teacher:

1. High school graduation plus the completion of two years of training in an approved college. At least one-half of the high school teachers must have completed four years of training in an approved college.
2. An Iowa State Certificate or a Special Uniform County Certificate for the subjects taught.
3. A teacher of home economics must have had thirty semester (forty-five term) hours of training in that subject in an approved college. A teacher of manual training or of agriculture must have had six semester (nine term) hours of training in the subject in an approved college.

Grade Teacher:

1. High school graduation plus twelve weeks of training in an approved college.
2. One of the following certificates:
 - (a) An Iowa State Certificate.
 - (b) An Iowa First Grade Uniform County Certificate.
 - (c) An Iowa High School Normal Training Certificate plus one of the following:
 - (1) Two years of successful teaching experience,
 - (2) One year of successful teaching experience and the completion of one year of training in an approved college,
 - (3) The completion of two years of training in an approved college.
3. Special provision is made whereby a grade teacher holding a first grade uniform county certificate or the equivalent, who has completed at least five years' successful teaching may be approved if college requirement is completed at the rate of twelve weeks' credit.

each two years. This work may be taken in residence, in summer school or by extension.

Physical Education Teacher:

1. Every teacher who attempts to teach physical education should have training equivalent to at least fifty minutes per week for a period of twelve weeks in physical education work in a standard college including health instruction, playground supervision, games and exercises, and elementary physiology.

2. Every special teacher of physical education should have not less than two years of college work including training in physical education equivalent to one year of a special physical education course as offered by colleges now giving such physical education courses. At least twelve semester hours credit in physiology and hygiene, plays and games, and health supervision is recommended.

3. Either a special physical education certificate, a first grade uniform county (if teaching is done in the grades) or a regular state certificate (if teaching is done in the high school) is required.

SUGGESTED COURSE OF STUDY

We recommend that the following subjects be required in every high school:

Ninth Year

English
Algebra
General Science
Home Economics (for girls)
Manual Training (for boys)

Eleventh Year

English
Biology
American History and Government

Tenth Year

English
Geometry
Agriculture (required for boys, elective for girls)
Modern History

Twelfth Year

Economics (one semester)
Sociology (one semester)

The following subjects are listed as possibilities for the remainder of the course of study.

English

English 12
Business English
Business Forms and Letter Writing
Public Speaking
Foreign Languages
Latin 9, 10, 11, 12
French 9, 10, 11, 12
Spanish 9, 10, 11, 12
German 9, 10, 11, 12
Mathematics
Advance Algebra
Solid Geometry
Commercial Arithmetic
Natural Sciences
Physics
Chemistry
Vocational
Agricultural 9, 11, 12
Manual Training 10, 11, 12
Home Economics 10, 11, 12

Commercial

Bookkeeping
Typewriting
Stenography
Commercial Law
Commercial Arithmetic
Commercial Geography
Salesmanship
Business Ethics
Business English
Business Forms and Letter Writing
Spelling
Penmanship

Cultural

Music Appreciation
Chorus, Glee Club
Orchestra, Home Music
Art Appreciation
Drawing
Painting
Dramatics
Public Speaking
Bible Study

Legal Requirements: By law, every high school is required to offer manual training, home economics and agriculture. Every high school offering three years of work must include one year of American history with emphasis upon the government of the state and nation. Every high school offering four years of work must also include a semester of economics and social problems. Beginning with the school year 1924-1925, physical education is required.

English: It is a common practice among the high schools of the state to offer four years of English. However, three years meets the requirement.

Foreign Languages: Foreign languages are waning in popularity in the high school. If any are offered, they should not be required of every pupil. Two years of work should be completed, if the credits in this field are to be recognized.

Mathematics: We do not recommend that any pupil be required to have more than two units of mathematics.

Social Sciences: In view of the citizenship offered throughout the grades, and the American history, with emphasis upon the government of the state and nation, in the eleventh year of the high school, and the one semester each of economics and sociology in the twelfth year, we do not recommend that civics be given as a subject in the high school. English, general science, biology, history, etc., all offer many opportunities for civic lessons and projects. Of course the teachers must realize that this incidental teaching of citizenship is imperative.

Natural Sciences: The biology, listed in the eleventh year, is to hygiene, physiology, botany and zoology what the general science is to chemistry, physics, etc. Some of the more recent high school texts in this field, which lay emphasis upon the civic phases of the subject, are most highly recommended.

Vocational: The agriculture, listed in the tenth year, should be of the appreciative type which is as interesting and vital to girls as to boys.

Commercial: Some of the commercial subjects, such as typewriting, penmanship, spelling, etc., should be offered but one or two periods a week. Two or three of these may be combined to make one unit of work.

Cultural: We would advise the combining of two or three of the cultural subjects for one unit of work. These subjects are rapidly gaining a more important part in the high school courses of study throughout the country.

Suggestions: In subjects in which the sequence of courses is of no consequence, classes may be combined and alternated by years. Among such subjects are algebra, geometry, American history, economics, sociology, commercial law, commercial geography, etc. Manual training, home economics and agriculture may also be included in this list, provided the combined classes are not too large for effective work with the equipment at hand. These latter must be offered at least every two years.

Although we realize that no one course of study is suited to the needs of every community of the state, and we know that uniformity militates against progress, yet we ask that there be more or less conformity to the required course of study as given herein. We ask this

for the reason that it simplifies administrative difficulties when pupils go from one school to another, and there is sufficient changing about from one school to another to warrant consideration of this problem.

For the same reason, as well as for the sake of the pupils entering schools of higher learning, we recommend uniform terminology for credits. The state colleges use the term unit of high school credit as implying one forty-five minute recitation per day, five days per week, thirty-six weeks, per year; or two forty-five minute laboratory periods per day, five days per week, thirty-six weeks per year.

Any teacher will find helpful the following bulletins which were prepared by the Committee on the Reorganization of Secondary School Subjects of the National Education Association. These have been thoughtfully and carefully prepared by the leading experts of the respective fields.

REPORT OF THE NATIONAL EDUCATION ASSOCIATION COMMITTEE ON THE REORGANIZATION OF SECONDARY EDUCATION

Year	No.		Price
1918	35	Cardinal Principles of Secondary Education.....	\$0.05
1915	23	The Teaching of Community Civics.....	.10
1916	28	The Social Studies in Secondary Education.....	.10
1917	2	Reorganization of English in Secondary Schools.....	.20
1917	49	Music in Secondary Schools.....	.05
1917	50	Physical Education in Secondary Schools.....	.05
1917	51	Moral Values in Secondary Education.....	.05
1918	19	Vocational Guidance in Secondary Education.....	.05
1919	55	Business Education in Secondary Schools.....	.10
1920	1	The Problem of Mathematics in Secondary Education.....	.05
1920	26	Reorganization of Science in Secondary Schools.....	.10
1920	35	Agriculture in Secondary Schools.....	.05
1921	5	Part-time Education of Various Types.....	.05
1921	32	Reorganization of Mathematics in Secondary Education.....	.05
1922	5	Reorganization of Home Economics in Secondary Schools.....	.05
1922	23	High School Buildings and Grounds.....	.15
1923		Reorganization of Mathematics in Secondary Schools.....	

Copies of the above reports may be obtained upon the remittance of the sum stated, stamps not accepted, from the Superintendent of Documents, Government Printing Office, Washington, D. C. The last report, which contains the best of the two former mathematics reports and much additional material, may be obtained from Mr. J. W. Young, Chairman of the National Committee of Mathematical Requirements, Dartmouth College, Hanover, N. H.

These are recommended most highly for any and all high school teachers and superintendents.

Maps and Globes: One set of political geography maps, including maps of Iowa and modern Europe, should be available for each grade above the fourth. We recommend that there be a globe in each room in which there are pupils of grades 4, 5, 6, 7 and 8. This equipment in addition to one set of maps for each American and European history should be available for the high school.

Minimum Library (for four year high school): These should be usable standard reference books. Additions should be made each year.

Dictionary	1
World atlas	1
Bulletins	50
English	25
Agriculture	15
Manual training	5
Home economics	8
Set of encyclopedia printed within the last fifteen years.....	1
Social science (history, civics, geography, economics, sociology, etc.)	25
Natural science (general science, biology, physics, chemistry, etc.)	10
Commercial law, geography, bookkeeping, etc.....	5

Teacher Qualifications for Normal Training High Schools.

1924-1925

Superintendent:

1. A four-year college graduate.
2. Holder of an Iowa State certificate.
3. Three years' successful experience.
4. May be of either sex.

Critic Teacher:

Note—A critic teacher is essential in a Normal Training High School.

1. A graduate of a standard college with special work in Normal Training and Education.
2. Holder of an Iowa State certificate.
3. Should have definite interest in rural education.
4. Five years' teaching experience—
 - (a) Two years in rural schools.
 - (b) One year in grade work, recommended.

High School Teacher:

1. A four-year college graduate with special training in subjects taught.
2. Holder of an Iowa state certificate.

Home Economics Teacher:

1. A four-year college graduate with major in home economics.
2. Three years successful teaching experience.
3. Holder of an Iowa state certificate.

Manual Training Teacher:

1. Graduate of a two-year college course, with at least six semester hours work in manual training.
2. Holder of an Iowa certificate.
3. If he is to teach academic subjects, should meet requirements for other high school teachers.

Agriculture Teacher:

1. A four-year college graduate, with at least six semester hours' work in agriculture in a college or university maintaining an approved agricultural department.
2. Holder of an Iowa state certificate.
3. In addition to this six semester hours' work the teacher of Agriculture in a Normal Training High School shall also have had not less than nine semester hours in Science. These requirements apply where not more than one semester of work is undertaken. When more than this amount of work is undertaken, the teacher should have not less than fifteen semester hours in agriculture.

Music Teacher:

1. A graduate of a two-year college course in Music or thirty semester hours in Public School Music.
2. Three years teaching experience.
3. Holder of an Iowa certificate.

Commercial Teacher:

1. A two-year commercial course or one year commercial course above a two-year college course.
2. Holder of a special certificate or a state certificate.

Physical Education Teacher:

See "Physical Education Teacher" page 3 of this bulletin.

Grade Teachers:

1. Completed two-year college or normal course.
2. At least one year's teaching experience.
3. Holder of at least a first grade uniform county certificate or its equivalent.

Primary Teachers—First, Second and Third Grades:

1. A graduate of a two-year primary training course.
2. At least one year's teaching experience.
3. Holder of at least a first grade uniform county certificate, or its equivalent.

March 10, 1924.



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