

## SECOND YEAR

First Semester		Second Semester	
School Organization 23.....	3	History of Education 26....	3
Representative Drawing 21... 2		Dressmaking 26 .....	3
Sanitation and Health 21.....	3	Advanced Foods and Cook-	
Textiles 27.....	3	ing 28. ....	4
Teaching of Home Economics		Household Chemistry 78....	3
71 .....	3	Household Management 34..	2
Practice Teaching and Obser-		Practice Teaching and Obser-	
vation, Ed. 33.....	2	vation, Ed. 34 .....	2
Physical Training 29.....	$\frac{1}{2}$	Physical Training 30. ....	$\frac{1}{2}$
	<u>16<math>\frac{1}{2}</math></u>		<u>17<math>\frac{1}{2}</math></u>

INDUSTRIAL ARTS  
(Manual Training)

FIRST YEAR		Second Semester	
First Semester			
English 21 .....	3	English 28.....	3
Shop Drawing 61.....	4	Shop Drawing 62.....	3
Wood Shop 63.....	2	Wood Shop 64 .....	3
Elements of Industries 23....	2	Representative Drawing 21..	2
Psychology 21.....	3	Principles of Elementary...	
Concrete Construction 75 ....	2	Education 22.....	3
Physical Training 27.....	$\frac{1}{2}$	Trigonometry 60.....	3
	<u>16<math>\frac{1}{2}</math></u>	Physical Training 28.....	$\frac{1}{2}$
			<u>17<math>\frac{1}{2}</math></u>

## SECOND YEAR

First Semester		Second Semester	
Shop Mathematics 65.....	3	Forge Shop 66 .....	3
Elementary Design 73 .....	3	Ceramics 68 .....	3
School Organization 23.....	3	History of Education 26....	3
Shop Drawing 67 .....	2	Pattern Making 74.....	3
Teaching of Industrial Arts 71	3	Educational Sociology 36... 2	
Practice Teaching and Obser-		Practice Teaching and Obser-	
vation, Ed. 33.....	2	vation, Ed. 34.....	2
Physical Training 29 .....	$\frac{1}{2}$	Physical Training 30.....	$\frac{1}{2}$
	<u>16<math>\frac{1}{2}</math></u>		<u>16<math>\frac{1}{2}</math></u>

## PUBLIC SCHOOL MUSIC

FIRST YEAR		Second Semester	
First Semester			
Elements of Music 21 .....	3	Elements of Music 22 .....	3
English 21 .....	3	English 28.....	3
Psychology 21.....	3	Principles of Elementary Ed-	
Piano 25 .....	2	ucation 22 .....	3
History of Music 37.....	3	Piano 26.....	2
Singing 29 .....	2	History of Music 38 .....	3
Physical Training 27.....	$\frac{1}{2}$	Singing 30 .....	2
	<u>16<math>\frac{1}{2}</math></u>	Physical Training 28. ....	$\frac{1}{2}$
			<u>16<math>\frac{1}{2}</math></u>

## SECOND YEAR

First Semester		Second Semester	
Advanced Piano 31 .....	2	Advanced Piano or Singing	
Advanced Singing 33 .....	2	32 or 34.....	2
Harmony 35.....	2	Harmony 36 .....	3
Music Appreciation 23 .....	2	Music Appreciation 24.....	2
School Organization 23.....	3	History of Education 26....	3
Teaching of Public School		Teaching of Public School	
Music 27.....	3	Music 28.....	3
Practice Teaching and Obser-		Practice Teaching and Obser-	
vation, Ed. 33.....	2	vation, Ed. 34.....	2
Physical Training 29.....	$\frac{1}{2}$	Physical Training 30.....	$\frac{1}{2}$
	<u>16<math>\frac{1}{2}</math></u>		<u>15<math>\frac{1}{2}</math></u>

GEORGE WILSON BEATTIE

*Department of Agriculture*

Diploma, State Normal School, Castleton, Vermont; A. B., Ripon College; B. S. in Agriculture, University of Illinois; A. M., University of Illinois. Teacher in country and village schools; Teacher in secondary schools; Superintendent of Schools; Head of Department of Agriculture, State Normal College, Bowling Green, Ohio, 1914-

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*Department of Physical Education*

Diploma, Teachers College, Columbia University; B. Pd., Michigan State Normal College. Instructor, Speyer School, Teachers College; Director of Physical Activities in Social Settlements, New York; Instructor in Physical Education and Director of Athletics, Michigan State Normal College; Head of Department of Physical Education and Hygiene, State Normal College, Bowling Green, Ohio, 1915-

CALVIN J. BIERY

*Department of Rural Education*

B. S., M. S., Ohio Northern University; Graduate Student, University of Chicago. Teacher in Rural Schools; Superintendent of City Schools, Oak Harbor and Wauseon; County Superintendent, Fulton County, Ohio; Member of Ohio State Board of School Examiners; Head of Department of Rural Education, State Normal College, Bowling Green, Ohio, 1915-

MARY TURNER CHAPIN

*Department of Home Economics*

Diploma, Teachers College, Columbia University. Teacher in rural schools; Director of Boarding Department, Tongaloo University; Instructor in Home Economics, Y. W. C. A., Cleveland; Instructor in Home Economics, Normal School, Cape Girardeau, Mo.; Head of Department of Home Economics, State Normal College, Bowling Green, Ohio, 1914-

\*NANCY JANE CHURCH

*Department of Home Economics*

Diploma, State Normal School, Whitewater, Wis.; Summer Session, Stout Institute, Menominee, Wis.; Student, University of Wisconsin, Madison, Wis.; B. S. and Diploma, Teachers College, Columbia University. Teacher in rural, village, and city schools; Instructor, Home Economics Department, State Normal College, Bowling Green, Ohio, 1916-

\*ERWIN C. CLINE

*Department of Foreign Language*

A. B., Ohio Wesleyan University; A. M., University of Chicago. Assistant Principal, Covington, Tenn.; Assistant Principal, Ashland, Ky.; Head of German Department, High School, Little Rock, Ark.; Instructor in Latin and German, Detroit University School; Head of Department of Foreign Language, State Normal College, Bowling Green, Ohio, 1916-

ROBERT ALEXANDER CUMMINS

*Department of Extension Teaching*

B. S., Illinois Wesleyan University; A. M., University of Illinois; Graduate Scholar, University of Illinois; Graduate Research Scholar, Teachers College, Columbia University. Assistant in Biology, Illinois Wesleyan University; Professor of Philosophy and Education, and Director of the Educational Clinic, University of Puget Sound; Instructor in Psychology, University of Washington; Extension Instructor, State Normal College, Bowling Green, Ohio, 1915-

\*AGNES B. DODSON

*Critic Teacher*

Diplomas, Millersville, Pa., State Normal School, Colorado State Normal, Gunnison, Colo.; Student, Teachers College, Columbia University. Teacher in Public Schools, Hazelhurst, Pa., Bingham, Pa., Mt. Jewett, Pa., Little Falls, N. J.; Assistant Principal, Grand Junction, Colo.; Critic Teacher, sixth grade, State Normal College, Bowling Green, Ohio, 1916-

## 83-84—ARCHITECTURAL DRAWING

Plans and details. Planning the layouts of shops, etc. First semester. Credit, 2 hours.

Plans, elevations, details. Second semester. Credit, 3 hours.

## LIBRARY DEPARTMENT

## 21—LIBRARY ECONOMY

This course is designed to enable the student to employ the resources of the library readily and effectively. Lectures will be given on the use of the dictionary, catalogue, the interpretation of catalogue cards, the classification of books, and various kinds of reference books. Practical problems to be worked out in the library will be assigned to supplement the lectures. Credit, 3 hours.

## MATHEMATICS

## 22—ARITHMETIC

A teachers' course. The principles, processes, and applications of arithmetic are studied from the point of view of the teacher of the subject. Both semesters. Credit, 3 hours.

## 24—THE TEACHING OF ARITHMETIC IN THE PRIMARY GRADES

This course deals with the aims of arithmetical instruction in the primary grades (Grades 1 to 3 inclusive), and with the curriculum and teaching processes through which we attempt to realize these aims. Both semesters. Credit, 1 hour.

## 26—THE TEACHING OF MATHEMATICS IN THE INTERMEDIATE AND GRAMMAR GRADES

This course is similar to Mathematics 24, but deals with the work of the intermediate and grammar grades. Both semesters. Credit, 1 hour.

*Note*—Students cannot take both 24 and 26 for credit towards a diploma, but must choose the course in which they are especially interested.

## 60—TRIGONOMETRY

Prerequisite: Algebra through Progressions and Plane Geometry. Second semester. Credit, 3 hours.

## 61—COLLEGE ALGEBRA

Prerequisite: Algebra through Progressions and Plane Geometry. First semester. Credit, 3 hours.

## 62—ANALYTIC GEOMETRY

Prerequisite: Mathematics 60 or equivalent. Second semester. Credit, 3 hours.

## 63—DIFFERENTIAL CALCULUS

Prerequisite: Mathematics 60, 61, and 62 or equivalent. First semester. Credit, 3 hours.

## 64—INTEGRAL CALCULUS

Prerequisite: Mathematics 63 or equivalent. Second semester. Credit, 3 hours.

## 65—MODERN GEOMETRY

First semester. Credit, 3 hours.

## 66—HISTORY OF ELEMENTARY MATHEMATICS

Second semester. Credit, 2 hours.

## 71—THE TEACHING OF SECONDARY MATHEMATICS

This course treats of the aims, organization, and methods of teaching Algebra and Geometry. First semester. Credit, 2 hours.

## MUSIC

## 20—ELEMENTARY MUSIC

This course is intended for the regular Normal College students and is given in three parts.

- 20a. This part deals with the principles of musical structure. Study of notation, sight reading, dictation and melody writing. First semester, first year. Credit, 1 hour.
- 20b. Continuation of 20a with particular reference to the lower grades. It will include the presenting of rote songs, rhythm, and tone work. Second semester, first year. Credit, 1 hour.
- 20c. Continuation of 20b with particular reference to the upper grades. It will include the chromatic scale, minor scale, part-singing, and bass clef. First semester, second year. Credit, 1 hour.

ERMA LOUISE FERGUSON

*Critic Teacher*

Diploma, four years' course, Oneonta State Normal, Oneonta, New York; Student at Prang Art Summer School, Chautauqua Summer School, and Teachers College, Columbia University. Teacher in rural and village schools; Teacher in secondary schools; Supervisor of Teachers' Training in Normal Schools; Critic Teacher, sixth grade, State Normal College, Bowling Green, Ohio, 1915-

\*AUGUST P. GOMPF

*Department of Industrial Arts*

Diploma, Baltimore Polytechnic Institute; Diploma, Maryland Institute of Art and Design; B. S., Columbia University; Bachelor's Diploma, Teachers College. Teacher of Industrial Arts, Baltimore County Schools, Baltimore County, Maryland; Teacher of Industrial Arts, East Orange, N. J., High School; Instructor, Industrial Arts Department, State Normal College, Bowling Green, Ohio, Summer Sessions 1915 and 1916; Instructor, Industrial Arts Department, State Normal College, Bowling Green, Ohio, 1916-

HARRIET S. HAYWARD

*Supervisor of Practice Teaching*

Four-year Diploma, Massachusetts State Normal School; B.S. and Diploma in Elementary Supervision, Teachers College, Columbia University; Graduate Student, Columbia University; Summer Work, Harvard University. Teacher in City Normal Training Schools, Holyoke and Haverhill, Mass.; Assistant Superintendent of Schools, Brockton, Mass.; Supervisor of Academic Department, Hampton Institute, Hampton, Virginia; Supervisor of Practice Teaching, State Normal College, Bowling Green, Ohio, 1915-

ERNEST G. HESSER

*Department of Music*

Diploma, Winona College; Diploma, School of Methods, Chicago; Student, Ohio Wesleyan University School of Music; Private Voice Pupil of Dr. Carl Dufft, New York, William Shakespeare, London,

Isadore Luckstone, Paris. Supervisor of Public School Music, Kendallville, Ind.; Supervisor of Music, Goshen, Ind.; Head of Music Department, Kansas State Normal School, Emporia, Kan.; Supervisor of Music, Pasadena, Cal.; Head of Music Department, Winona College Summer School, 1914; Head of Music Department, State Normal College, Bowling Green, Ohio, 1914-

WILLIAM PEARCE HOLT

*Department of Geography*

A. B., Oberlin College; Graduate Student, University of Chicago, Cornell University, Columbia University; President, Ohio Association of Science and Mathematics Teachers. Teacher in High Schools, Ashtabula and Toledo; Acting Head of Department of Biology and Geography, Central Commercial and Manual Training School, Newark, New Jersey; Head of Department of Geography, State Normal College, Bowling Green, Ohio, 1915-

REA MCCAIN

*Department of English*

A. B., National Normal University; A. B., Antioch College; Graduate Student, Columbia University. Teacher in rural and village schools; Teacher, third grade, Lebanon, Ohio; Teacher in High School, Lebanon; Instructor in English, National Normal University; Teacher of English, Fremont High School; Instructor, Wooster Summer School; Head of Department of English, State Normal College, Bowling Green, Ohio, 1914-

\*RUTH MCCONN

*Department of Music*

Student, State Normal College, Bloomington, Ill., and Winona College; Diploma, School of Music, Cornell University; Private Piano Pupil of J. Beroth Bowman, Syracuse, N. Y., Mme. Beegan, Los Angeles, Cal., Hazel Coate Rose, Metropolitan School of Music, Indianapolis; Private Voice Pupil of David Baxter, Indianapolis, Edward Clark, Chicago, Jerome Hayes, New York. Supervisor of Music, Wabash, Ind.; Head of Music Department, Winona College Summer School, 1915; Instructor in Music, State Normal College, Bowling Green, Ohio, 1916-