

The  
TEACHERS COLLEGE  
HERALD



*Catalogue Number*

1946 - 1947

THE STATE TEACHERS COLLEGE  
SHIPPENSBURG, PENNSYLVANIA



TOWER OF "OLD MAIN"

# THE TEACHERS COLLEGE HERALD

VOLUME 50

APRIL, 1946

NUMBER 3

## Catalogue Number

1946 - 1947



THIS COLLEGE IS A MEMBER OF THE AMERICAN ASSOCIATION OF TEACHERS COLLEGES AND OF THE MIDDLE STATES ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS AND MEETS THE STANDARDS ESTABLISHED BY THESE ASSOCIATIONS.

THE STATE TEACHERS COLLEGE

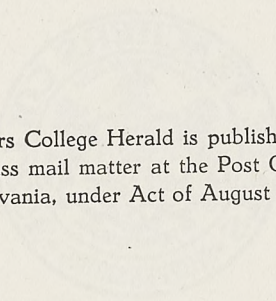
SHIPPENSBURG, PENNSYLVANIA

THE TEACHERS COLLEGE HERALD

VOLUME 10 NUMBER 1

October 1912

THE 100



The Teachers College Herald is published quarterly.  
Entered as second class mail matter at the Post Office at Shippensburg,  
Pennsylvania, under Act of August 24, 1912.

THE STATE TEACHERS COLLEGE  
SHIPPENSBURG, PENNSYLVANIA

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## COLLEGE CALENDAR

1946 - 1947

## Pre-Session 1946

Session Begins..... Monday, June 3  
 Session Ends..... Friday, June 21

## Summer Session 1946

Registration ..... Monday, June 24  
 Classes Begin..... Tuesday, June 25  
 Classes End..... Saturday, August 3

## Post Session 1946

Session Begins..... Monday, August 5  
 Session Ends..... Friday, August 23

## First Semester

Registration ..... Monday, September 9  
 Classes Begin..... Tuesday, September 10  
 Thanksgiving Recess Begins Noon.. Wednesday, November 27  
 Thanksgiving Recess Ends .... Noon..... Monday, December 2  
 Christmas Recess Begins ..... Noon.. Wednesday, December 18  
 Christmas Recess Ends..... Noon..... Thursday, January 2  
 First Semester Ends..... Saturday, January 18

## Second Semester

Registration..... Wednesday, January 22  
 Classes Begin..... Thursday, January 23  
 Easter Recess Begins..... Noon..... Saturday, March 29  
 Easter Recess Ends ..... Noon..... Wednesday, April 9  
 Alumni Day..... Saturday, May 24  
 Baccalaureate Services..... Sunday, May 25  
 Class Day Activities..... Monday, May 26  
 Commencement..... Tuesday, May 27

## COMMONWEALTH OF PENNSYLVANIA

## Department of Public Instruction

FRANCIS B. HAAS, M.A., Ph.D., LL.D.,  
*Superintendent of Public Instruction*

HENRY KLONOWER, M.A., Ph.D.,  
*Director, Teacher Education and Certification*

## STATE COUNCIL OF EDUCATION

<i>President and Chief Executive Officer, FRANCIS B. HAAS</i>	
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## BOARD OF TRUSTEES

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## THE FACULTY

1946 - 1947

## LEVI GILBERT

*President of the College*

B.S., Franklin and Marshall College

A.M., University of Pennsylvania

Ed.D., University of Pittsburgh

## EARL WRIGHT

*Dean of Instruction; Chairman, Education Department*

B.S., M.S., Sc.D., Gettysburg College

Ed.D., George Washington University

## NAOMI K. HADE

*Dean of Women*

A.B., Hood College

A.M., Columbia University

## S. S. SHEARER

*Dean of Men; Chairman, Science Department*

A.B., Ursinus College

M.S., University of Chicago

## KEITH B. ALLAN

*Chairman, Geography Department*

B.Ed., Illinois State Normal University

A.M., Colorado Teachers College

## \*ARTHUR M. ATKINSON

*Psychology; Director, Psychological Clinic*

B.S., A.M., Ph.D., University of Pittsburgh

## MARY ETHEL BEAMER

*Business Education*

B.A., Baylor University

A.M., Teachers College, Columbia University

## JANE BEARDWOOD

*Chairman, Language Department*

A.B., Bryn Mawr College; Ph.D., University of Pennsylvania

## MARY BLOOMFIELD

*Health Education Department*

B.S., State Teachers College, Slippery Rock

## MYRA ESH

*Training Teacher, Campus School*

B.S., University of Pittsburgh

## CHARLES R. EURICH

*Social Studies, High School*

B.S., Franklin and Marshall College

M.A., New York University

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\*On leave of absence with the armed forces of the United States

**MARY CHARLOTTE GAIN**

*Resident Directing Nurse*  
R.N., Union Memorial Hospital

**J. SETH GROVE**

*Chairman, Mathematics Department*  
A.B., Ursinus College  
A.M., Teachers College, Columbia University

**EDWARD GULIAN**

*Health Education for Men*  
B.S., Gettysburg College  
A.M., Teachers College, Columbia University

**RUTH C. HARLEY**

*Assistant Director of Training*  
B.S., Juniata College  
A.M., Teachers College, Columbia University

**LAURA ESTELLA HIGH**

*English, Junior High School*  
A.B., Dickinson College  
A.M., University of Pennsylvania

**GERTRUDE E. KAUFFMAN**

*Chairman, Art Department*  
B.S., State Teachers College, Edinboro  
A.M., George Peabody College

**NORA A. KIEFFER**

*Education*  
B.S., A.M., Teachers College, Columbia University

**LESLIE C. KREBS**

*Geography and Visual Education; Director, The Museum*  
B.S., Pennsylvania State College  
Ed.M., Temple University

**LOUISE J. LIENEMANN**

*Chemistry and Biology*  
A.B., University of Nebraska  
A.M., Ph.D., Cornell University

**ELIZABETH LEMASTER MILLER**

*Training Teacher, Campus School*  
B.S., State Teachers College, Shippensburg

**\*VINTON H. RAMBO**

*Physical Education and Science*  
B.S., Iowa Wesleyan College  
A.M., Teachers College, Columbia University

**MARION BLOOD REISNER**

*Chairman, English Department*  
B.S., A.M., University of Pennsylvania

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\*On leave of absence with the armed forces of the United States



## ERMA K. ROLAR

*Social Studies*

A.B., Pennsylvania State College

A.M., Teachers College, Columbia University

## PAUL SEATON

*Business Education*

B.S., State Teachers College, Indiana

A.M., University of Cincinnati

## ETTA C. SKENE

*Chairman, Business Education Department*

B.S., Southwest Missouri State Teachers College

A.M., Ph.D., New York University

## THELMA E. SMALL

*Training Teacher, Campus School*

B.S., State Teachers College, Shippensburg

A.M., Teachers College, Columbia University

## HARLING E. SPONSELLER

*Director of Teacher Training*

B.S., State Teachers College, Shippensburg

A.M., Teachers College, Columbia University

## ELVIN L. VALENTINE

*Chairman, Social Studies Department*

A.B., DePauw University

A.M., Ph.D., University of Wisconsin

## JAMES C. WEAVER

*Chairman, Music Department*

B.S., Temple University

A.M., New York University

## HARPER J. WENTZ

*General Science and Mathematics, Junior High School*

B. S., Franklin &amp; Marshall College

A.M., Teachers College, Columbia University

## HARRIET WILLOUGHBY

*Training Teacher, Campus School*

B.Pd., Central Teachers College

B.S., A.M., Teachers College, Columbia University

## ALMA MAE WINTON

*Librarian*

A.B., Allegheny College

B.S. in Library Science, Columbia University

## MARY E. YORK

*English*

B.S., A.M., Ohio State University

## LABORATORY SCHOOL

HARLING E. SPONSELLER, A.M.	.....	<i>Director</i>
RUTH C. HARLEY, A.M.	.....	<i>Assistant Director of Training</i>
GERTRUDE E. KAUFFMAN, A.M.	.....	<i>Art, Fourth Grade</i>
MYRA C. ESH, B.S.	.....	<i>Sixth Grade</i>
LESLIE C. KREBS, Ed.M.	.....	<i>Science</i>
ELIZABETH LEMASTER MILLER, B.S.	.....	<i>Early Childhood</i>
THELMA E. SMALL, A.M.	.....	<i>Third Grade</i>
JAMES C. WEAVER, A.M.	.....	<i>Music</i>
HARRIET WILLOUGHBY, A.M.	.....	<i>Second Grade</i>

And others members of the college instructional staff as advisers.

## ADMINISTRATIVE OFFICERS

LEVI GILBERT, B.S., A.M., Ed.D.	.....	<i>President of the College</i>
VIRGINIA GOODHART	.....	<i>Secretary to the President</i>
EARL WRIGHT, M.S., Ed.D., Sc.D.	.....	<i>Dean of Instruction</i>
ELIZABETH T. NOFTSKER, B.S. in Ed.	.....	<i>Registrar</i>
NAOMI K. HADE, A.B., A.M.	.....	<i>Dean of Women</i>
S. S. SHEARER, A.B., M.S.	.....	<i>Dean of Men</i>
HARLING E. SPONSELLER, A.M.	.....	<i>Director of Training</i>
JOSEPHINE SHEELEY	.....	<i>Secretary to Director of Training</i>

CHARLES A. BIKLE, M.D., University of Penna.	.....	<i>Physician</i>
MARY CHARLOTTE GAIN, R.N.	.....	<i>Resident Directing Nurse</i>
MARY ELLEN DEIBLER, Univ. of Penna.	.....	<i>Dental Hygienist</i>

HELEN E. LOVE	.....	<i>Dietitian</i>
<i>Dining Room and Kitchen Staff</i> —FLORENCE CRAMER, EMMA BOWERS, ELAM ESHLEMAN, AMANDA KITZMILLER, ANNA PRICE, BESSIE RICE, EDITH MAIN, ELIZABETH SHEARER.		

JOHN W. LACKHOVE.....	<i>Business Manager</i>
ALICE M. NOLL.....	<i>Bookkeeper</i>
GERTIE FOGELSANGER.....	<i>Account Clerk</i>
MARIE Y. LICHTY.....	<i>Account Clerk</i>
EDNA MOUER.....	<i>Clerk to Business Manager</i>
ANNA M. CLIPPINGER.....	<i>Clerk in Retail Store</i>
R. BRUCE CLIPPINGER.....	<i>Receiving Clerk</i>
HARRY M. ESHELMAN.....	<i>Supt. of Grounds and Buildings</i>
<i>Grounds and Buildings Staff—WILLIAM CRUSEY, JOHN FITZGERALD, CHARLES HILL, CHARLES HOLLINGER, *CLIFFORD HOOVER, RAYMOND HUTCHISON, WALTER KLENZING, MERVIN D. SCHLESSMAN, JERRY THOMAS, ELMER B. VAN SCYOC, and HARVEY ALLEN.</i>	
G. EMORY KANN.....	<i>Watchmen</i>
WILLIAM S. WEIBLEY	
SARA McCULLOUGH.....	<i>Matron, "Old Main"</i>
<i>Assistant—ELLEN MEANS</i>	
FLORENCE REISINGER.....	<i>Matron, Men's Dormitory</i>
CARRIE SNOKE.....	<i>Matron, Horton Hall</i>
<i>Assistant—DOROTHY PLASTERER</i>	
NELL K. STRIKE.....	<i>Superintendent of Laundry</i>
<i>Assistants—CORA CLOUGH, LENA CLOUGH, BEULAH KITZMILLER and EDITH SEAVERS</i>	

\*On leave of absence with the armed forces of the United States.

## STANDING FACULTY COMMITTEES

### DEANS OF CLASSES:

- 1946—Miss Kauffman and Mr. Krebs
- 1947—Miss Kieffer and Mr. Sponseller
- 1948—Dr. Lienemann and Mr. Grove
- 1949—Miss Rolar and Mr. Weaver
- 1950—Miss Esh and Mr. Seaton

### EXECUTIVE COMMITTEE:

Dr. Gilbert, Chr., Dr. Wright, Mr. Sponseller, Miss Hade, Mr. Shearer, Mrs. Reisner, Mr. Lackhove, Dr. Skene.

### COMMITTEE OF ELEVEN ON PUBLIC RELATIONS AND COLLEGE WELFARE:

Dr. Wright, Chr., Mr. Allan, Mr. Grove, Mrs. Harley, Miss Kieffer, Mr. Lackhove, Miss Rolar, Mr. Shearer, Dr. Skene, Mr. Sponseller, Mr. Krebs.

## CHAPEL COMMITTEE:

Mr. Weaver, Chr., Mrs. Reisner, Miss York, and the four student council presidents.

## CURRICULUM COMMITTEE:

Dr. Gilbert, Chr., and the heads of departments.

## ENTERTAINMENT COMMITTEE:

Mrs. Reisner, Chr., and the President's Council.

## COMMITTEE ON EXAMINATIONS, TESTS, AND MEASUREMENTS:

Mrs. Harley, Chr., Miss Kieffer, Mr. Sponseller and Dr. Wright.

## FRATERNITY COMMITTEE:

Mr. Krebs, Chr., Mr. Allan, and Mrs. Reisner.

## COMMITTEE CONCERNED WITH TOOLS FOR LEARNING:

Mrs. Harley, Chr., Mr. Krebs, Mr. Sponseller, Dr. Valentine, Mr. Weaver, Miss Winton, and Miss York.

## PLACEMENT SERVICE:

Mr. Sponseller, Chr., Mrs. Harley, Miss Noftsker, Dr. Skene, Miss Small, Miss Willoughby, Dr. Wright and Miss Esh.

## COMMITTEE ON POST WAR PLANNING:

Dr. Valentine, Chr., Mr. Allan, Miss High, Miss Rolar, Mr. Weaver, and Miss Winton.

## PUBLICITY COMMITTEE:

Dr. Skene, Chr., Mr. Grove, Miss Beamer, Mr. Krebs, Miss Noftsker, Mr. Seaton, Mr. Sponseller, and Dr. Wright.

## STUDENT TEACHING COMMITTEE:

Mrs. Harley, Chr., Mr. Eurich, Mr. Grove, Miss High, Miss Kieffer, Mrs. Harley, Dr. Skene, Mr. Sponseller, Mr. Wentz, Miss Willoughby, and Senior and Junior students.

## SUMMER SESSIONS COMMITTEE:

Dr. Wright, Chr., Mr. Allan, Mr. Lackhove, Mrs. Harley, Mr. Weaver, and Miss Willoughby.

## THE COLLEGE

### Accrediting Agencies

The rapid development of colleges in the United States during the last fifty years has led to various efforts to standardize these institutions through the setting up of regional and in some instances national accrediting agencies. This movement has been animated by a desire to protect worthy institutions and at the same time to guard parents of prospective college students from exploitation at the hands of colleges unworthy of the name. The acknowledged accrediting agency for this region of the country is the Middle States Association of Colleges and Secondary Schools. The State Teachers College at Shippensburg is a member of this Association and is fully accredited by it. The national accrediting agency for teachers colleges is the American Association of Teachers Colleges which has a membership of 157 fully accredited teacher education institutions including the State Teachers College at Shippensburg.

### Town of Shippensburg

Shippensburg is a town of approximately five thousand people, situated in the beautiful Cumberland Valley on the Pennsylvania Railroad, thirty-nine miles southwest of Harrisburg, on Pennsylvania highway, No. 11. Carlisle, the county seat of Cumberland County, lies twenty miles from Shippensburg toward Harrisburg, and Chambersburg, the county seat of Franklin County, ten miles in the opposite direction. Gettysburg, the county seat of Adams County, with its famous battlefield now a national shrine, is but thirty miles distant. Rich farm lands, broad meadows, and delightful woodlands bounded by mountains to the north and south, characterize this valley which is one of the richest agricultural sections of the country.

### History

Originally known as the Cumberland Valley State Normal School, the school was founded in 1871. The first class was graduated in 1874. For more than fifty years the school continued to serve as a State Normal School, graduating students prepared and legally qualified to teach in the public schools of the Commonwealth. After 1922, high school graduation was required for admission to the institution. In 1926 the State Council of Education authorized four-year curricula based upon high school graduation. In August, 1927, by authority of the General Assembly, this institution became a college with the

right to grant degrees. Its name was changed to the State Teachers College at Shippensburg.

### Plant and Grounds

The site consists of approximately sixty-four acres with two fully equipped athletic fields, Eckels Field and Heiges Field, ten tennis courts, a quarter mile track with a two-twenty straight-away, an achery range and an open-air Shakespearean theatre. The buildings on the campus are arranged in a curving line on the crest of a hill, sloping gently to the southeast. The plant consists of "Old Main," containing the administrative offices, the dining room and kitchen, many of the recitation rooms, the auditorium, and the dormitories for men; Horton Hall houses the women students; the Alumni Gymnasium contains the swimming pool, special physical education rooms, the game room, and the main gymnasium floor with locker rooms and showers; Shearer Hall contains the science laboratories. Other buildings are the Ezra Lehman Memorial Library, the old Gymnasium, the Business Education building, the Albert Lindsay Rowland Laboratory School, the President's Residence, the Infirmary, the utility buildings and garages, the power plant, and the sewage disposal plant.

### Library

The library is an independent modern building with reading rooms and stacks available from 8 a. m. until 5 p. m. and from 7 until 9 p. m. Its collection of 24,000 books and over 200 current magazines provides ample facilities for study, research, and recreation. Indices to Library periodicals supply convenient reference to earlier numbers, both bound and unbound, and there are many encyclopedias, both general and special, for research. A collection of over 8000 pictures, a clipping file, a large pamphlet collection, and an interesting group of textbooks and courses of study serve to meet the needs of the students of the college. The student will also find recreational reading in the fields of biography, drama, fiction, and current events. Trained librarians are on duty at all times to assist students in finding material.

### Laboratory Schools

The campus laboratory school contains a nursery school equipped with dining room, kitchen, play room, sleeping room and a separate playground with special play apparatus; a kindergarten and provision for the first six elementary grades. The building contains offices, a library, an auditorium, an art

room and service rooms. There is a playground equipped with playground apparatus.

The schools of the Borough of Shippensburg are available as student teaching laboratories. These schools include grades from the first to the sixth and a two-teacher school for students pursuing the rural curriculum. A junior high school, housed in a separate building, and a senior high school, also separately housed, each with a distinct organization and connected by a central unit containing a gymnasium, an auditorium, a library, offices, service rooms and class rooms, provide student teaching laboratories for students pursuing the secondary curriculum. The Shippensburg Borough Schools thus have a thoroughly modern and attractive school plant.

#### **Dormitories**

The dormitory facilities are entirely modern, and the lavatories equipped with shower baths, tubs, and modern plumbing throughout. Stairways of fireproof construction are provided for all dormitories.

#### **Auditorium**

The main auditorium seats approximately 500 persons and is equipped with a motion picture booth. The stage is provided with modern lighting facilities permitting the presentation of dramatic performances of professional competence. Each Wednesday morning an assembly program is held in the auditorium. Attendance is required. Rowland Hall has a small auditorium seating 300.

#### **Social Program**

Shippensburg is a coeducational college. The enrollment of men is approximately half the total student body. Professional, social and religious activities of many kinds are carried on throughout the year consisting of debating, dramatics, athletics, religious meetings, field days, intra-mural contests of various kinds, dances, lectures and entertainments. Conferences and trips to places of historic, scientific, and educational interest occur frequently under proper supervision.

#### **Health Program**

Recognizing health as a basic objective of education, this college makes ample provision for the protection and development of the health of its students. In addition to the health examinations required for admission, provision is made for the

annual administration of the Mantoux test, and x-rays are taken of all cases of positive reaction. A registered nurse is in full-time attendance at the college infirmary where two wards, one for women and one for men, as well as private isolation rooms are maintained. The college physician is on the campus every day and is constantly subject to call. The college employs a trained dietitian, and under the college or family physician's advice, special diets are prescribed and provided.

### Conduct

The college recognizes that a standard of conduct, becoming a prospective teacher, is so high that it excludes all persons whose habits and conduct are not worthy of the imitation of children who may be placed under their instruction. Since teachers must first be able to discipline themselves, it is the aim of the college consistently to cultivate right habits of self-discipline on the part of its students.

### The Profession of Teaching

This college is a professional school for the preparation of teachers, and all of its curricula lead to certificates to teach in the public schools of Pennsylvania. Teachers must be persons of intelligence, and a high standard of scholarship is required for the baccalaureate degree. Teachers must be persons of character, and every opportunity is provided for the development of a high standard of character on the part of each student. Those who do not achieve this standard are invited to leave.

The teaching profession provides the most significant social service possible for anyone to render, for upon the efficiency of the public schools and the character, intelligence, and devotion of the teachers, depends, in large measure, the national destiny. The college believes, however, that this professional preparation is the best preparation for general citizenship and for parenthood made today by American youth.

### Teacher Education

The teachers in our schools have the responsibility for the conservation and the improvement of the American way of life.

High type young people, who are willing to pay the price, are needed to be educated to become teachers. The teachers college is the place where these young people can best be trained to teach school. The college has but one purpose and that is the education of teachers.



## FEES, DEPOSITS, REPAYMENTS

All student accounts are payable in advance on the dates listed in this catalogue. The late registration fee will apply against all payment dates, and students whose accounts are not paid within the five-day late registration period will not be admitted to classes.

### A. FEES

#### I. Activity Fee:

Per Half Semester .....	\$6.50
Summer Session.....	\$2.00 in full

These fees, determined by vote of the student body, are administered through a cooperative organization under regulations approved by the Board of Trustees. These fees will cover the cost of student activities in athletics, lectures, entertainments, student publications, etc.

#### II. Contingent Fee:

Regular Term	Per Half Semester
Elementary Curriculum.....	\$22.50
Secondary Curriculum.....	22.50
Adult Education Curriculum.....	22.50
Business Education Curriculum.....	28.50
*Cooperative Education Curriculum.....	22.50
Out of State Students.....	\$6.00 per Semester Hour
Summer Session—\$6.00 per semester hour. Minimum fee \$18.00.	

\*A special charge is made Cooperative Education students to defray the expense of required trips to visit progressive schools.

#### III. Housing Fee:

1. The housing rate for students is \$72.00 per one-half semester, \$48.00 for the regular summer session, and \$24.00 for the pre-summer and post-summer sessions. This includes room, meals, and limited laundry.
  - (a) No reduction in the rate is made for laundry done at home or for students who go home for a few days at a time.

the Board of Trustees, for the amount of the housing and contingent fees, paid by the student for the part of the semester which he does not spend in college.

### III. Advance Registration Deposit

The advance registration deposit is returned to students, if they notify the college not less than three weeks before the opening of the semester or term, of their intention not to attend, or if they are rejected by the college.

#### Annual Cost

For boarding students living on the campus the cost of a year at Shippensburg (exclusive of the summer session) is as follows:

*Contingent Fee	
\$22.50 per half semester.....	\$ 90.00
Activity Fee	
\$6.50 per half semester.....	\$ 26.00
Board, Room, and Laundry	
\$8.00 per week—36 weeks.....	\$288.00
Total.....	<u>\$404.00</u>

\*Business Education students add \$24.00 per year to the contingent fee in calculating this cost.

In addition to this sum the average student requires for books, gymnasium costume, student organization dues, etc., not less than \$50.00 a year.

#### Day Students

Day students—those living at home—do not pay the housing fee. The annual cost for such students is \$116.00. No student (who does not live at home) is allowed to register as a day student without permission of the President of the college.

#### Times of Payment for the Academic Year 1946-1947

September 9—Payment for first half of first semester.

November 24—Payment for second half of first semester.

January 22—Payment for first half of second semester.

March 24—Payment for second half of second semester.

Summer session fees payable at the opening of each session.

## SCHOLASTIC REGULATIONS REQUIREMENTS FOR ADMISSION

Admission to a State Teachers College is made on the basis of the following controlling principles:

1. General scholarship.
2. Character and personality.
3. Health and physical vigor.
4. English fundamentals and psychological tests.
5. A personal interview.

Candidates for admission must satisfy these five general requirements in detail as outlined below:

1. General scholarship as shown by the completion of the work of the 10th, 11th, and 12th grades of an approved secondary school or institution of equivalent grade, or equivalent education as determined by the Credentials Division of the Department of Public Instruction, and rank in the upper half of the class at graduation. Candidates for admission who lack this rank at graduation are required to present further evidence of fitness.
  - a. Applicants ranking in the upper half of their graduating class in a secondary school are admitted on certificate without further evidence of general scholarship.
  - b. Applicants who do not rank in the upper half of the graduating class may be admitted on probation, provided:
    - (1) They are recommended by their secondary school principal as able to do creditable college work, and
    - (2) Appraisal of the detailed secondary school record indicates to admission authorities of the college that candidates can do satisfactory college work. Whenever available, candidates are urged to present to the admission authorities cumulative records of secondary school work such as were used by the Carnegie Foundation in the Pennsylvania Study, and
    - (3) A rating satisfactory to the institution is made on a scholastic aptitude test administered at the college.

Applicants satisfactorily meeting the requirements (1), (2), and (3) above will be admitted for one semes-

ter on probation. At the end of the probationary period such students will be required to withdraw from the college unless they meet the required standard of scholarship in at least nine (9) semester hours of work.

2. A record of integrity and appropriate personality must be shown, by an estimate of secondary school officials, of the candidate's trustworthiness, initiative, industry, social adaptability, personal appearance, and sympathy.
  - a. The estimate of the secondary school officials will be recorded by a check margin in the appropriate column of a three-point rating scale as follows:

	<i>Low</i>	<i>Middle</i>	<i>High</i>
Trustworthiness	.....	.....	.....
Initiative	.....	.....	.....
Industry	.....	.....	.....
Social Adaptability	.....	.....	.....
Personal Appearance	.....	.....	.....
Sympathy	.....	.....	.....

- b. This will be included as part of the secondary school record blank.
3. Physical vigor, emotional stability, absence of physical defects that would interfere with the successful performance of the duties of a teacher, and absence of predisposition toward ill health as determined by a medical examination are required.
  - a. All applicants for admission shall present a certificate of examination, signed by a physician legally qualified to practice medicine in the Commonwealth of Pennsylvania. Forms for the examination are furnished by the college. This medical examination is checked by the examining physician at the college and students are required to undergo a complete re-examination.
  - b. Applicants may be rejected for the following reasons:
    - (1) Incurable defects or diseases of the heart, lungs, kidneys, digestive system, nervous system, including hysteria, epilepsy, nervous instability, skin, organs of the special sense, and thyroid.
    - (2) Defective vision of marked degree.
    - (3) Permanently impaired hearing.
    - (4) Marked speech defects.
    - (5) Unsightly deformities.

Students with remedial defects may be accepted on condition that immediate treatment be undertaken for the removal of these defects.

4. Normal intelligence and satisfactory command of English as shown by ratings in standard tests are required. The tests to be used are prescribed each year by the Board of Presidents and are uniform for all State Teachers Colleges.
5. A personal interview, with particular attention to personality, speech habits, social presence, expressed interests of the applicant, and a promise of professional development is necessary.
  - a. The personal interview serves two purposes:
    - (1) It gives the examining committee of the college an opportunity to select, from the applicants for admission, those persons who give promise of becoming desirable teachers.
    - (2) It provides an inventory of the personal characteristics of applicants who are admitted and makes this inventory available to instructors and officers concerned with personnel work in the college.
  - b. The interview is conducted at the college or in other places and times designated by the President of the college.

All applications should be made to the President, State Teachers College, Shippensburg, Pennsylvania.

#### ADVANCED STANDING

1. Advanced credit will be given for equivalent courses completed in approved institutions of collegiate grade where the course grade received is above the minimum passing grade prescribed by the transferring institution. No student may obtain a certificate or degree without a minimum residence of one year in this college. A student transferring from another college will be required to present a statement of honorable dismissal from that college and to meet the same entrance requirements as any other applicant.
2. No candidate for a college certificate receives more than thirty-two semester hours' credit toward graduation for work done in extension classes.

3. No credit is given for correspondence work or extension work taken after September 1, 1927, for a normal school certificate.
4. Persons who have completed the work of the two-year Early Childhood, Intermediate, or Rural curricula are admitted to junior standing for a degree, provided they are graduates of an approved four-year high school. The exact number of hours' credit granted depends upon the curriculum which the student has completed and the one in which he wishes to secure his degree. Those who become candidates for the degree in the elementary field secure two full years' credit, but those who transfer to the secondary field lose some credit, usually from ten to twelve hours.
5. Graduates of State Normal Schools prior to September, 1920, who have had a four-year high school preparation are awarded not more than sixty-four semester hours of credit toward the baccalaureate degree.
6. Graduates of State Normal Schools, who lack four years of high school preparation, may apply to the Pre-Professional Credentials Division, Department of Public Instruction, Harrisburg, Pennsylvania, for a high school equivalent certificate, which, when issued by this Division, will be accepted by the State Teachers College as equivalent to graduation from a four-year high school.
7. No credit for public or private teaching experience, previously credited as high school equivalent or as equivalent professional credit toward graduation, is granted or counted toward meeting the requirements for entrance to or graduation from, the four-year curricula.

#### QUALITY POINT SYSTEM

1. For the purpose of reporting the progress of, and giving assistance to each student, each semester is divided into four periods; the first consists of six weeks, with three other periods of four weeks each. At the end of the first six weeks of each semester, each teacher hands to the administration office a record of the students not doing satisfactory work. A report is made to each student and, when necessary, to the parent. At the end of the two succeeding four-week periods, similar reports are made. At the end of the semester, a permanent grade is recorded for each student, and a copy is sent to the parents.
2. A Quality Point System is in operation and demands that before a student can be graduated, he must have a number

of quality points equal to the number of semester hours required in the curriculum. That is, a student must have 128 semester hours of credit to be graduated, and, under the quality point system, he must also have 128 quality points.

3. Quality point requirement before a student may be admitted to student teaching:
  - a. A student is not permitted to enter student teaching unless his quality points equal the number of semester hours required by the curriculum.
  - b. A student in the secondary curriculum is permitted to enter student teaching if he has achieved an average of "C," or better, in each subject field to be taught in the laboratory school.

The Quality Point schedule is as follows:

An "A" grade gives 3 quality points for each semester hour of credit so marked, a "B" grade, 2 quality points, a "C" grade, 1 quality point, and a "D" grade, no quality points.

4. Students whose competence is demonstrated by placement tests and educational records, who wish to select advanced courses may, with the approval of the institution, substitute such approved advanced courses in a particular field for those listed in the curriculum. This regulation applies to all curricula.

#### REQUIREMENTS FOR GRADUATION AND CERTIFICATION

1. Every student in the State Teachers College, Shippensburg, Pennsylvania, selects, during the first two years, one of the seven degree curricula offered. All curricula are definitely four years in length and require the satisfactory completion of 128 semester hours for the degree of Bachelor of Science in Education. Every graduate is entitled to the Provisional College Certificate in the appropriate curriculum which, after three years of successful teaching and the earning of six additional semester hours of prescribed credit, becomes a Permanent College Certificate.
2. The Normal School Certificate and the State Standard Limited Certificate are no longer issued except to those who have already begun preparation for one of these forms of certificate.

3. All students are required to take part, without credit, in one physical education activity each semester in which no physical education courses or student teaching are required, and a minimum of one other extra-curricular activity, one semester each year. Each student must pass a swimming test before graduation unless specifically excused on account of physical disability.

## A W A R D S

### Scholarship Prize

The class of 1908 offers a yearly prize of ten dollars to the student having the highest average at graduation. This prize was awarded on Commencement day, 1945, to Dorothy Hamilton, Duncannon, Pennsylvania.

### Public Speaking Prize

The Class of 1916 offers a yearly prize of five dollars for excellence in public speaking. The prize for 1945 was awarded to Helen Steger, '48, New Cumberland, Pennsylvania.

### George L. Brown Scholarships

By the will of the late Dr. George L. Brown, an alumnus of this institution, the sum of \$15,000 was placed in trust, the interest of which is available for scholarships to the amount of \$100 each, per year, to assist deserving young men and women to acquire an education at this college, preference being given to residents of Middle Paxton Township and Susquehanna Townships, Dauphin County. Persons interested in and qualified for these scholarships should apply to the college.

### Harriet Wylie Stewart Scholarships

By the will of the late Harriet Wylie Stewart, a distinguished member of the faculty for many years, the sum of \$10,000 was placed in trust, the interest of which is available for scholarships to the amount of \$100 per year, preference being given to residents of the Middle Spring area of Southampton Township, Franklin County and Southampton Township, Cumberland County. Persons interested in these scholarships should apply to the college.

### Working Scholarships

The college offers a limited number of opportunities to students to earn part of their expenses while attending college.



These opportunities are in the form of working scholarships maintained by the college. Applications for these working scholarships should be made on the application forms provided for this purpose. Awards of these scholarships are made in accordance with financial need, quality of college citizenship, and scholastic ability, in consequence of which these awards are more often made to upper classmen than to freshmen.

### THE ALUMNI LOAN FUND

Boarding students who need financial aid during their senior year may borrow a sum, not exceeding \$100, from the Alumni Loan Fund for one year from the time of their graduation without interest. Students in need of such assistance must file their request for aid, with the president, not later than August 15 of the year preceding their graduation.

The following Alumni Loan Scholarships have been established:

*Prof. John F. McCreary*—Gift of Metropolitan Alumni Association.

*Dr. George M. D. Eckels*—Gift of the Class of 1898.

*Prof. J. W. Hughes*—Gift of the Class of 1893.

*Dr. Joseph F. Barton*—Gift of L. M. Shepp, 1896, Millersburg, Pa.

*Dr. James Eldon*—Gift of the Class of 1921.

*Prof. and Mrs. C. I. Penny*—Gift of the Class of 1886.

*Scholarship, Class of 1907*—Gift of the Class of 1907.

*Dr. G. M. D. Eckels*—Gift of the Class of 1898.

*Dr. James Eldon*—Two Scholarships, Gift of the Class of 1924.

*Adams County*—Gift of the Alumni of Adams County.

*H. Milton Roth*—Gift of the Class of 1899.

*Dr. Joseph F. Barton*—Gift of the General Alumni Association.

*Class of 1890*—Gift of John M. Fogelsanger, 1890, and H. K. Strickler, 1890.

*Y. W. C. A.*—Scholarships.

*Country Life Club*—Scholarships.

*The Ada V. Horton Scholarship Fund*—Class of 1911.

*Class of 1922 Fund.*

*Class of 1901 Fund.*

*Class of 1896 Fund.*

*The Ada V. Horton Scholarship Fund*—Gift of the Alumni of York County.

*Scholarship*—Franklin County Chapter of the Daughters of the American Revolution.

*The Hannah A. Kieffer Rural Scholarship Loan.*

*Ezra Lehman Scholarship Fund*—Class of 1896.

*Women's Athletic Association Loan Fund.*

These loans are made annually to seniors who need assistance and whose records are meritorious.

## THE CURRICULA

The curricula offered at this college include elementary education providing emphasis in early childhood education, in intermediate education or in rural education; secondary education for teaching the various academic subjects of the junior and senior high school curricula; education for teaching in the fields of adult education and business education. A curriculum known as cooperative education provides instruction in the techniques requisite in progressive schools. All curricula are four years in length and lead to the degree of Bachelor of Science in Education and to a Provisional College Certificate to teach in the public schools of the Commonwealth of Pennsylvania.

Since the national survey of teacher education, undertaken by the Office of Education at Washington, revealed through its published reports the wisdom of distributing the material in schools and colleges of education to provide liberal, cultural basis in the first two years and place the professional emphasis in the last two years, the curricula for the State Teachers Colleges of Pennsylvania have been revised to conform to these findings and the recommendations of this survey.

## ELEMENTARY CURRICULUM

(Sequence of courses subject to change for administrative reasons)

	Cl.	Sem.		Cl.	Sem.
	Hrs.	Hrs.		Hrs.	Hrs.
<b>First Semester</b>			<b>Third Semester</b>		
English I, including Li-			Economic Geography.....	3	3
brary Science .....	4	3	Literature I (English).....	3	3
Fundamentals of Speech....	3	3	General Psychology .....	3	3
Biological Science I.....	4	3	Physical Science I.....	4	3
Health and Physical Edu-			Health and Physical Educa-		
cation I .....	3	1	tion III .....	3	1
Place and Purpose of Edu-			Elective .....	3	3
cation in the Social Ord-					
er .....	3	3		19	16
Appreciation of Music.....	3	2			
	20	15	<b>Fourth Semester</b>		
<b>Second Semester</b>			Literature II (American)..	3	3
English II .....	3	3	Principles of Sociology....	3	3
Principles of Geography....	3	3	or Principles of Eco-		
Biological Science II.....	4	3	nomics .....	(3)	(3)
Health and Physical Edu-			Educational Psychology....	3	3
cation II .....	3	1	Physical Science II.....	4	3
History of Civilization.....	4	4	Health and Physical Edu-		
Appreciation of Art.....	3	2	cation IV .....	3	1
	20	16	Elective .....	4	4
				20	17

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
Fifth Semester			Seventh Semester		
United States History before 1865	3	3	Educational Measurements	2	2
Teaching of Reading	3	3	Curriculum in Elementary Science	4	3
*Music I	4	2	Visual Education	2	1
*Art I	4	2	Children's Literature and Story Telling	3	3
Curriculum in Arithmetic	2	2	Evolution of the American Public School	2	2
School Law	1	1	Ethics	3	3
Health and Physical Education V	3	1	American Government—Federal, State and Local	3	3
Electives	2	2			
	—	—		—	—
	22	16		19	17
Sixth Semester			Eighth Semester		
History of Pennsylvania	2	2	Student Teaching and Conferences	18	12
Teaching of English, including Handwriting	4	3	Curriculum Materials, Selection and Adaptation	4	3
Music II	3	2		—	—
Art II	3	2		22	15
United States History since 1865	3	3	TOTAL	163	128
Health and Physical Education VI	3	1			
Electives	2	2			
	—	—			
	21	16			

Notes: (1) The electives in the first two years shall consist of such approved courses as will meet the needs of the students' future program of studies.

(2) The electives in the last two years shall be selected with reference to the field of service for which the prospective teacher is preparing.

\*Admission to the professional courses in Art and Music—Art I, Art II, Music I and Music II—will be restricted to those students enrolled in the elementary curriculum who have, in written and oral examinations, demonstrated a sufficient mastery of the knowledge and skill necessary to enable them to pursue these professional courses with profit.

## SPECIALIZATION AND ELECTIVES

1. Students enrolled in the State Teachers Colleges may qualify for the degree of Bachelor of Science in Education by satisfactorily completing the basic elementary four-year curriculum and twelve semester hours offered at the College at which the degree is to be conferred.
2. Students desiring to specialize in Early Childhood Education (nursery school, kindergarten, grades 1, 2, and 3), Intermediate Education (grades 4, 5, and 6), or Rural Education (grades 1-6 or 1-8) shall be required to complete satisfactorily the basic four-year elementary curriculum and meet the following specific requirements for the field of specialization desired:

	Cl. Hrs.	Sem. Hrs.
a. Early Childhood Education		
Early Childhood Education.....	3	3
*Student Teaching in Grades Below Fourth.....	18	12
Curriculum Materials Selection and Adaptation for Early Childhood Grades.....	4	3
	25	18
b. Intermediate Education		
Teaching of American History and Government.....	3	3
*Student Teaching in Intermediate Grades.....	18	12
Curriculum Materials Selection and Adaptation for Intermediate Grades .....	4	3
	25	18
c. Rural Education		
Rural School Problems.....	3	3
**Student Teaching under Rural School Conditions.....	18	12
Curriculum Materials Selection and Adaptation for Rural or in Grades 1-6 or 1-8 Under Conditions Approximating Those in Rural Schools.....	4	3
	25	18
3. Electives		
Child Adjustment .....	3	3
Child Psychology .....	3	3
Diagnostic and Remedial Instruction in Reading.....	3	3
Education for Family Living.....	3	3
Mental Hygiene .....	3	3
Safety Education .....	2	2
School Finance .....	1	1
Teaching of Arithmetic .....	3	3

\*Three semester hours of the twelve required may be observation and participation in other age levels of the elementary field.

\*\*Three of the twelve semester hours required may be observation and participation in the Early Childhood Education or Intermediate Education divisions.

## SPECIALIZATION AND ELECTIVES

(Continued)

	Cl. Hrs.	Sem. Hrs.
Red Cross First Aid Standard Course and Advanced Course .....	30	2
Red Cross Home Nursing .....	3	1
Clinical Psychology.....	Var.	Crdt.
Workshop .....		3
Education of Exceptional Children.....	3	3
and courses in academic fields and special curriculums approved at the college in which the student is registered, provided that to achieve a breadth of background not more than six (6) semester hours may be selected from courses listed above and not more than six (6) semester hours may be selected from any one academic field or special curriculum except that		

- (a) Twelve (12) hours may be elected in Speech including Dramatics.
- (b) Students pursuing the Elementary Curriculum who may elect to specialize in Speech Correction, in Mental Retardation, or in any other phase of education for teachers of atypical children may take twelve (12) hours in courses related to these fields and in addition thereto may substitute courses in the field of specialization to a total of six semester hours for any two of the following:

Ethics .....	3	3
Curriculum Materials .....	4	3
Student Teaching .....	4	3

provided such substitution has the approval of the President of the College.

## SECONDARY CURRICULUM

(Sequence of courses subject to change for administrative reasons)

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>First Semester</b>			<b>Second Semester</b>		
English I, including Lib- rary Science .....	4	3	English II .....	3	3
Fundamentals of Speech .....	3	3	Principles of Geography.....	3	3
Biological Science I.....	4	3	Biological Science II.....	4	3
Health and Physical Edu- cation I .....	3	1	Health and Physical Edu- cation II .....	3	1
Place and Purpose of Edu- cation in the Social Or- der .....	3	3	History of Civilization.....	4	4
Appreciation of Music.....	3	2	Appreciation of Art.....	3	2
	<hr/>	<hr/>		<hr/>	<hr/>
	20	15		20	16

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>			<b>Sixth Semester</b>		
Economic Geography.....	3	3	Problems of Secondary Education.....	2	2
Literature I (English).....	3	3	Health and Physical Education VI.....	3	1
General Psychology.....	3	3	History of the United States, including the History of Pennsylvania.....	3	3
Physical Science I.....	4	3	Electives.....	10	10
Health and Physical Education III.....	3	1			
Elective.....	3	3			
	19	15		18	16
<b>Fourth Semester</b>			<b>Seventh Semester</b>		
Literature II (American).....	3	3	Evolution of the American Public School.....	2	2
Principles of Sociology.....	3	3	Visual Education.....	2	1
or Principles of Economics.....	(3)	(3)	Ethics.....	3	3
Educational Psychology.....	3	3	Electives.....	10	10
Physical Science II.....	4	3			
Health and Physical Education IV.....	3	1			
Elective.....	4	4			
	20	17		17	16
<b>Fifth Semester</b>			<b>Eighth Semester</b>		
American Government—			Student Teaching and Conferences.....	18	12
Federal, State and Local.....	3	3	Curriculum Materials, Selection and Adaptation.....	4	3
School Law.....	1	1			
Educational Measurements.....	2	2			
Health and Physical Education V.....	3	1			
Electives.....	10	10			
	19	17	TOTAL.....	155	128

Note: A major field consists of a minimum of 24 semester hours. A minor field consists of a minimum of 18 semester hours.

## SUBJECT FIELD REQUIREMENTS FOR SECONDARY CURRICULUM

ENGLISH (Required courses)		Electives		Cl. Hrs.	Sem. Hrs.	
Cl. Hrs.	Sem. Hrs.	Cl. Hrs.	Sem. Hrs.			
English I.....	4	3	3	Contemporary Poetry.....	3	3
English II.....	3	3	3	Essay.....	3	3
English Literature.....	3	3	3	Journalism.....	3	3
American Literature.....	3	3	3	Modern Drama.....	3	3
Recommended				Modern Novel.....	3	3
Advanced Composition.....	3	3	3	Nineteenth Century Novel.....	3	3
English Philology.....	3	3	3	PreShakespearean Literature.....	2	2
				Romantic Literature.....	3	3

		Cl. Hrs.	Sem. Hrs.			Cl. Hrs.	Sem. Hrs.
Electives				Electives			
Shakespeare .....	3	3		Applied Mathematics .....	3	3	
Short Story .....	3	3		Advanced College Algebra ..	3	3	
Victorian Prose and Poetry ..	3	3		History of Mathematics .....	3	3	
World Literature .....	3	3		Synthetic Geometry .....	3	3	
Eighteenth Century Litera- ture .....	3	3		Spherical Trigonometry and Navigation .....	3	3	
American Poetry .....	3	3					

## GEOGRAPHY

(Required courses)

Principles of Geography .....	3	3	
Economic Geography .....	3	3	

## Recommended

Geography of Europe .....	3	3	
Geography of Latin Amer- ica .....	3	3	
Geography of Pacific Realm ..	3	3	
Geography of United States and Canada .....	3	3	

## Electives

Meteorology .....	3	3	
Climatology and Meterology ..	3	3	
Physiography .....	3	3	
Commercial and Industrial Geography .....	3	3	
Conservation of Natural Re- sources .....	3	3	
Field Courses (to be ap- proved) .....	3	3	
Trade and Transportation .....	3	3	
Geography of Pennsylvania ..	3	3	
Geography of Australasia and Africa .....	3	3	
Geographic Influences in American History .....	3	3	
Geography of Asia .....	3	3	

## MATHEMATICS

Recommended

College Algebra .....	3	3	
College Trigonometry .....	3	3	
Analytic Geometry .....	3	3	
Differential Calculus .....	3	3	
Integral Calculus .....	3	3	
Statistics .....	3	3	

## FRENCH

Recommended

French I and II (Elemen- tary) .....	6	6	
French III and IV (19th Century and Contempor- ary Prose and Poetry) ..	6	6	
French V (Outline Course in French Lit.) .....	3	3	
French VI (17th Century French History and Lit- erature Composition) .....	3	3	

## Electives

French VII and VIII (Ro- mantic and Realistic Movement in French Lit.) .....	6	6	
French IX (French Novel) ..	3	3	
French X (French Drama) ..	3	3	
French Civilization .....	3	3	

## SPANISH

Recommended

Elementary Spanish .....	6	6	
Intermediate Spanish .....	6	6	
Introduction to Spanish Lit- erature .....	3	3	
Spanish Conversation .....	3	3	

## Electives

Advanced Spanish Conver- sation .....	3	3	
Commercial Spanish .....	4	4	
Spanish American Litera- ture .....	6	6	
Contemporary Spanish Dra- ma .....	6	6	



		Cl. Hrs.	Sem. Hrs.			Cl. Hrs.	Sem. Hrs.
LATIN				Electives			
(Not offered 1946-47)				Contemporary Economic Problems .....			
Recommended				Municipal Government .....			
Latin I (Ovid and Virgil) .....	3	3	3	Comparative Government .....	3	3	3
Latin II (Livy) .....	3	3	3	Evolution of Social Institutions .....	3	3	3
Latin III (Cicero and Tacitus, De Senectute and De Amicitia) .....	3	3	3	Rural Sociology .....	3	3	3
Latin IV (Horace) .....	3	3	3	United States History .....	6	6	6
Latin V (Plautus and Terence) .....	3	3	3	History of Pennsylvania .....	2	2	2
Latin VI (Roman Civilization) .....	3	3	3	Ethics .....	3	3	3
Electives				Industrial Relations .....			
To be approved in terms of the needs of students.				Introduction to Philosophy .....			
				Social Problems .....			
				Note: Nine semester hours in the field of history with nine semester hours in the field of social science is the minimum requirement for certification in the field of social studies.			
SOCIAL STUDIES							
History (Required Courses)				BIOLOGY			
History of Civilization .....	4	4	4	Instead of Biological Science I and II, students specializing in Biology shall take either Botany I and II or Zoology I and II.			
Principles of Economics .....	3	3	3	Instead of Physical Science I and II, students specializing in Biology shall take Chemistry I and II.			
Principles of Sociology .....	3	3	3				
American Government .....	3	3	3				
History of the United States, including History of Pennsylvania .....	3	3	3				
Electives				Recommended			
United States History .....	6	6	6	General Botany I (Flowering Plants) .....	5	3	3
European History .....	6	6	6	General Botany II (Non-Flowering Plants) .....	5	3	3
History of Pennsylvania .....	2	2	2	General Zoology I (Invertebrates) .....	5	3	3
Social and Industrial History of the United States .....	3	3	3	General Zoology II (Vertebrates) .....	5	3	3
Renaissance and Reformation .....	3	3	3				
Contemporary European History .....	3	3	3	Electives			
History of England .....	3	3	3	Comparative Anatomy .....	5	3	3
History of Latin America .....	3	3	3	Bacteriology .....	5	3	3
History of the Far East .....	2	2	2	Ecology .....	5	3	3
SOCIAL SCIENCE				Entomology .....			
(Required)				Embryology .....			
History of Civilization .....	4	4	4	Field Botany .....	5	3	3
Principles of Economics .....	3	3	3	Field Zoology .....	5	3	3
Principles of Sociology .....	3	3	3	Forestry .....	5	3	3
American Government .....	3	3	3	Heredity .....	5	3	3
History of the United States, Including History of Pennsylvania .....	3	3	3	Histology .....	5	3	3
				Ornithology .....	5	3	3
				Parasitology .....	5	3	3
				Physiology .....	5	3	3
				Plant Propagation .....	5	3	3

## CHEMISTRY

Instead of Physical Science I and II, students specializing in Chemistry shall take Physics I and II.

Biological Science I and II or the equivalent number of hours in Botany and Zoology are required for students taking chemistry as the first field of specialization.

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
			Recommended		
			Physics I and II.....	12	8
			Mechanics .....	5	3
			Electricity and Magnetism..	6	4
			Elective		
			Heat .....	5	3
			Optics .....	5	3
			Sound .....	5	3
			Radio Communications .....	5	3
			Physical Measurements.....	5	3
			Astronomy .....	5	3
			Photography .....	5	3
			Modern Physics .....	5	3
			Aeronautics .....	6	4
			Recommended		
Inorganic Chemistry I.....	6	4			
Inorganic Chemistry II.....	6	4			
Qualitative Analysis.....	7	3			
Quantitative Analysis.....	7	3			
Organic Chemistry I.....	6	4			

## Electives

Organic Chemistry II .....	5	3
Industrial Chemistry .....	3	3
Physical Chemistry .....	5	3
Biological Chemistry .....	5	3
Chemistry of Food Nutri- tion .....	5	3
Photography .....	5	3

## GENERAL SCIENCE

Thirty (30) semester hours in scientific fields shall be required as a minimum for specialization in the field of General Science and shall include courses in Chemistry, Physics, Botany, Zoology, Earth Science, and Mathematics.

## PHYSICS

(Not offered as major field  
1946-47)

Students specializing in Physics must demonstrate competence in mathematics adequate to carry courses in Physics.

Instead of Physical Science I and II students specializing in Physics shall take Chemistry I and II.

Biological Science I and II or the equivalent number of semester hours in Botany and Zoology will be required.

## BUSINESS EDUCATION CURRICULUM\*

### Business Education Department

The State Teachers College, Shippensburg, Pennsylvania, has been specifically designated by the State Department of Public Instruction to train teachers of business subjects for the high schools and the junior high schools of the Commonwealth. The fulfillment of the four-year requirement leads to the degree of Bachelor of Science in Education, thereby certifying the graduates in the field of business education as teachers or as supervisors.

Young men and women who are graduates of academic or commercial high school courses are afforded a splendid opportunity to obtain training in teaching techniques, and also in business skills.

#### Purpose

The purpose of the curriculum in Business Education is to provide thorough and systematic training in the fundamentals of business education, thus giving an intelligent understanding of both the generalized and specialized spheres of education encompassed in the activities of business education.

#### Teaching Sequences

The Department of Business Education offers four teaching sequences: General Business, Accounting, Secretarial, and Retail Selling. The General Business sequence leads to certification in the three major fields of business—accounting, typewriting, and shorthand. The Accounting, Secretarial, and Retail Selling sequences permit more freedom in the selection of electives, thus providing an opportunity for certification in other fields, or permitting certification in two Business Education curricula. In addition to the sequence elected, certification to teach business law, commercial arithmetic, economics, clerical practice, and junior business training will be secured.

#### Equipment

Modern office machines are a part of the equipment of the Department. Calculating and adding machines, posting machines, duplicating equipment—mimeograph and mimeoscopes—dictating and transcribing units, and other up-to-date office

\*Shippensburg State Teachers College is a member of the National Association of Business Teacher-Training Institutions.

appliances enable the student to obtain both a theoretical knowledge of and practical training in the use of the mechanical time-savers of business.

### Opportunities

There is a large and growing demand for qualified degree-holding teachers of business education in the high schools of the Commonwealth. Orientation and exploratory courses, and increased guidance in junior high schools have caused a demand for teachers of elementary business training and kindred subjects. The realization that retail selling needs trained personnel has caused an impetus in the demand for teachers trained in this phase of business education. More and more high schools are taking advantage of the services of graduates of the retail Selling Course.

The main outcome of the curriculum is qualified teachers of business subjects, but various concomitant learnings emerge during this period of training. The dual character of the subject matter enables a graduate to obtain command of various skills that are usable in the business world. Thus, graduates are fitted to serve in the educational world, and also in the business world.

If at the end of two years a student does not desire to complete the full course immediately, he will be prepared to do efficient work in an office until he can return to complete the last two years and obtain his degree.

### Practical Experience

Practical experience in various phases of business is a vital and essential part of the preparation of prospective business education teachers. This experience, to be of the most value, should be in the field or fields in which the student is preparing to teach. Such experience can be acquired largely during summer vacations and part time while attending college.

### Elective Fields

The fields of English, social studies, science, and geography are especially recommended as other teaching combinations for students in business education.

### Teacher Placement

Our graduates are placed without charge in teaching positions through the Placement Department of our College. The

Department of Business Education likewise takes special interest in securing positions for its graduates. Teachers-in-service also have the assistance of our Placement Department.

### Summer Session

A Summer Session consisting of a Pre-Session of three weeks, and a Regular Session of six weeks is conducted to meet the varying needs of different groups of students:

1. Commercial teachers who wish to obtain higher certification.
2. Commercial teachers who wish to continue training for the B. S. degree in Education.
3. Those students who wish to shorten the time necessary to complete the four-year course.

During these sessions courses are offered in the most modern commercial teaching theory, methods, and subject matter. Those interested in the Summer Sessions should write for a descriptive bulletin.

### GRADUATION REQUIREMENTS AND GENERAL INFORMATION

1. On completing the basic first year of the Business Education curriculum, students are expected to choose one of the following: General Commercial Sequence, Accounting Sequence, Secretarial Sequence, or Retail Selling Sequence, as shown on the following pages.
2. Sequence of courses is subject to change for administrative reasons.
3. The satisfactory completion of the curriculum outlined with not fewer than 128 semester hours is required for graduation.
4. Any courses offered at the college may be chosen as electives subject to the approval of the President.

## BUSINESS EDUCATION CURRICULUM

### Basic First Year

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
First Semester			Second Semester		
English I including Li-			English II .....	3	3
brary Science .....	4	3	Economic Geography .....	3	3
Place and Purpose of Busi-			Health and Physical Edu-		
ness Education in Social			cation II .....	3	1
Order .....	3	3	Business Mathematics II .....	3	3
Fundamentals of Speech .....	3	3	Accounting I .....	5	3
Health and Physical Edu-			Typewriting II .....	3	1
cation I .....	3	1	Shorthand I .....	5	3
Business Mathematics I .....	3	3			
Business Writing .....	3	1		25	17
Typewriting I .....	3	1			
	22	15			

## General Commercial Sequence

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>					
English Literature .....	3	3			
Business Organization and Finance .....	3	3			
Accounting II .....	5	3			
Shorthand II .....	5	3			
Typewriting III .....	5	2			
Health and Physical Edu- cation III .....	3	1			
	—	—			
	24	15			
<b>Fourth Semester</b>					
General Psychology .....	3	3			
Business Correspondence .....	3	3			
Business Law I including School Law .....	3	3			
Accounting III .....	3	3			
Shorthand Applications .....	5	3			
Typewriting Applications .....	5	2			
Health and Physical Edu- cation IV .....	3	1			
	—	—			
	25	18			
<b>Fifth Semester</b>					
Educational Psychology .....	3	3			
Business Law II .....	3	3			
Sales and Retail Selling I .....	3	3			
Accounting IV .....	3	3			
Stenographic Office Prac- tice .....	5	3			
Electives .....	3	3			
	—	—			
	20	18			
<b>Sixth Semester</b>					
			Methods of Teaching .....	3	3
			Business Subjects .....	3	3
			Educational Measurements .....	3	3
			Secondary School Business Education .....	2	2
			Economics I .....	3	3
			Visual Education .....	2	1
			Clerical Practice .....	5	3
				—	—
				18	15
<b>Seventh Semester</b>					
			Biological Science .....	4	3
			American Government .....	3	3
			Economics II .....	3	3
			History of the United States including History of Pennsylvania .....	3	3
			Auditing .....	3	3
				—	—
				16	15
<b>Eighth Semester</b>					
			Student Teaching and Conferences .....	18	12
			Curriculum Materials and Adaptation .....	4	3
				—	—
				22	15

## Accounting Sequence

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>					
English Literature .....	3	3			
Business Organization and Finance .....	3	3			
Accounting II .....	5	3			
Health and Physical Edu- cation III .....	3	1			
Electives .....	6	6			
	—	—			
	20	16			
<b>Fourth Semester</b>					
			General Psychology .....	3	3
			Business Correspondence .....	3	3
			Business Law I including School Law .....	3	3
			Accounting III .....	3	3
			Health and Physical Edu- cation IV .....	3	1
			Electives .....	4	4
				—	—
				19	17

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Fifth Semester</b>			<b>Seventh Semester</b>		
Educational Psychology.....	3	3	Biological Science .....	4	3
Business Law II .....	3	3	American Government .....	3	3
Sales and Retail Selling I .....	3	3	Economics II .....	3	3
Accounting IV.....	3	3	History of the United States including History of Pennsylvania .....	3	3
Electives .....	6	6	Auditing .....	3	3
	18	18		16	15
<b>Sixth Semester</b>			<b>Eighth Semester</b>		
Methods of Teaching Business Subjects .....	3	3	Student Teaching and Conferences .....	18	12
Educational Measurements .....	3	3	Curriculum Materials and Adaptation .....	4	3
Secondary School Business Education .....	2	2		22	15
Economics I .....	3	3			
Visual Education .....	2	1			
Clerical Practice .....	5	3			
	18	15			

## Secretarial Sequence

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>			<b>Fifth Semester</b>		
English Literature .....	3	3	Educational Psychology .....	3	3
Business Organization and Finance .....	3	3	Business Law II .....	3	3
Shorthand II .....	5	3	Sales and Retail Selling I .....	3	3
Typewriting III .....	5	2	Stenographic Office Prac- tice .....	5	3
Health and Physical Edu- cation III .....	3	1	Electives .....	6	6
Electives .....	3	3		20	18
	22	15			
<b>Fourth Semester</b>			<b>Sixth Semester</b>		
General Psychology .....	3	3	Methods of Teaching Business Subjects .....	3	3
Business Correspondence .....	3	3	Educational Measurements .....	3	3
Business Law I including School Law .....	3	3	Secondary School Business Education .....	2	2
Shorthand Applications .....	5	3	Economics I .....	3	3
Typewriting Applications .....	5	2	Visual Education .....	2	1
Health and Physical Edu- cation IV .....	3	1	Clerical Practice .....	5	3
Electives .....	3	3		18	15
	25	18			

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Seventh Semester</b>			<b>Eighth Semester</b>		
Biological Science .....	4	3	Student Teaching and Conferences .....	18	12
American Government .....	3	3	Curriculum Materials and Adaptation .....	4	3
Economics II .....	3	3		<u>22</u>	<u>15</u>
History of the United States including History of Pennsylvania .....	3	3			
Electives .....	3	3			
	<u>16</u>	<u>15</u>			

## Retail Selling Sequence

	Cl. Hrs.	Sem. Hrs.		Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>			<b>Sixth Semester</b>		
English Literature .....	3	3	Methods of Teaching Business Subjects .....	3	3
Business Organization and Finance .....	3	3	Educational Measurements .....	3	3
Accounting II .....	5	3	Secondary School Business Education .....	2	2
Health and Physical Edu- cation III .....	3	1	Visual Education .....	2	1
Electives .....	6	6	Clerical Practice .....	5	3
	<u>20</u>	<u>16</u>	Retail Selling II (Adver- tising) .....	3	3
				<u>18</u>	<u>15</u>

## Fourth Semester

General Psychology .....	3	3
Business Correspondence .....	3	3
Business Law I including School Law .....	3	3
Health and Physical Edu- cation IV .....	3	1
Economics I .....	3	3
Elective .....	3	3
	<u>18</u>	<u>16</u>

## Seventh Semester

Biological Science .....	4	3
American Government .....	3	3
Economics II .....	3	3
History of the United States including History of Pennsylvania .....	3	3
Retail Selling III (Store Practice) .....	12	6
	<u>25</u>	<u>18</u>

## Fifth Semester

Educational Psychology .....	3	3
Business Law II .....	3	3
Sales and Retail Selling I .....	3	3
Electives .....	7	7
	<u>16</u>	<u>16</u>

## Eighth Semester

Student Teaching and Conferences .....	18	12
Curriculum Materials and Adaptation .....	4	3
	<u>22</u>	<u>15</u>



## ADULT EDUCATION CURRICULUM

In the broadest sense adult education is concerned with all media of adult learning. Today in Pennsylvania thousands of adults are enrolled in classes to seek help in solving felt needs involving almost every interest of life. There are those who wish to secure credit toward high school or college graduation; others need help in solving problems of family relationship; some, in understanding the economic situation; some, in interpreting social conditions; others, in learning the responsibilities and duties of citizenship; still others, in adjusting personality to new conditions; etc.

The demand for teachers to help groups meet these vital needs is strongly felt at the present time. The State has recognized its obligation for adult education by providing funds for school districts which employ teachers for adults. This college believes that it can serve the citizens of Pennsylvania by educating teachers for this adult field.

A special four-year curriculum, authorized by the State Council of Education and available at this college only, is designed to familiarize students with the theory and practice of adult education. Graduates from this curriculum will be prepared to serve in school districts that will wish to meet their obligations to the adults of the community. In addition, by judicious selection of electives these graduates will be prepared to teach in the public schools of the Commonwealth.

(Sequence of courses subject to change for administrative reasons)

	Cl.	Sem.		Cl.	Sem.
	Hrs.	Hrs.		Hrs.	Hrs.
<b>First Semester</b>			<b>Third Semester</b>		
English I, including Li-			English Literature .....	3	3
brary Science .....	4	3	Economic Geography .....	3	3
Fundamentals of Speech .....	3	3	General Psychology .....	3	3
Biological Science I .....	4	3	Physical Science I .....	4	3
Health and Physical Educa-			Health and Physical Educa-		
tion I .....	3	1	tion III .....	3	1
Place and Purpose of Edu-			History of the United		
cation in the Social Or-			States, including History		
der, including School			of Pennsylvania .....	3	3
Visitation .....	3	3			
Appreciation of Music .....	3	2		19	16
	20	15			
<b>Second Semester</b>			<b>Fourth Semester</b>		
English II .....	3	3	American Literature .....	3	3
Principles of Geography .....	3	3	Principles of Sociology .....	3	3
Biological Science II .....	4	3	or Principles of Economics(3) .....	(3)	(3)
Health and Physical Educa-			Educational Psychology .....	3	3
tion II .....	3	1	Physical Science II .....	4	3
History of Civilization .....	4	4	Health and Physical Educa-		
Appreciation of Art .....	3	2	tion IV .....	3	1
			Elective .....	4	4
	20	16		20	17

		Cl. Hrs.	Sem. Hrs.			Cl. Hrs.	Sem. Hrs.
<b>Fifth Semester</b>				<b>Seventh Semester</b>			
American Government .....	3	3		Mental Hygiene .....	3	3	
School Law .....	1	1		Guidance .....	2	2	
Psychology of Adult Learning .....	3	3		Visual Education .....	2	2	
Health and Physical Education V .....	3	1		Community Relationships .....	3	3	
Elective .....	8	8		Elective .....	7	7	
					17	17	
	18	16					
<b>Sixth Semester</b>				<b>Eighth Semester</b>			
Philosophy of Adult Education .....	3	3		Student Teaching and Conference .....	18	12	
Techniques of Leadership in Adult Education .....	3	3		Curriculum Materials, Section and Adaptation .....	4	3	
Health and Physical Education VI .....	3	11			22	15	
Elective .....	9	9		<b>TOTAL</b> .....	146	128	
	18	26					

## COOPERATIVE EDUCATION CURRICULUM

A special four-year curriculum in elementary education authorized by the Board of Teachers College Presidents and available at this college only is designed to familiarize students with the theory and practice of progressive education. Graduates from this curriculum are prepared to assume positions in schools already employing, or desiring to employ, progressive techniques, and are also certified to teach in any elementary school of the Commonwealth.

(Sequence of courses subject to change for administrative reasons)

		Cl. Hrs.	Sem. Hrs.			Cl. Hrs.	Sem. Hrs.
<b>First Semester</b>				<b>Second Semester</b>			
English I, including Library Science .....	4	3		English II .....	3	3	
Fundamentals of Speech .....	3	3		Principles of Geography .....	3	3	
Biological Science I .....	4	3		Biological Science II .....	4	3	
Health and Physical Education I .....	3	1		Health and Physical Education II .....	3	1	
Place and Purpose of Education in the Social Order, including School Visitation .....	3	3		History of Civilization .....	4	4	
Appreciation of Music .....	3	2		Appreciation of Art .....	3	2	
					20	16	
	20	15					

		Cl. Hrs.	Sem. Hrs.			Cl. Hrs.	Sem. Hrs.
<b>Third Semester</b>				<b>Sixth Semester</b>			
Economic Geography .....	3	3	Child Psychology and Guidance .....	2	2		
English Literature .....	3	3	Creative English .....	3	3		
General Psychology .....	3	3	Manuscript Writing .....	2	1		
Physical Science I .....	4	3	Creative Music .....	3	2		
Health and Physical Education III .....	3	1	Creative Art .....	3	2		
Elective .....	3	3	Int. Rhythm, including Teaching of Health .....	3	2		
	—	—	History of the United States after 1865 .....	3	3		
	19	16	Literary Appreciation .....	2	2		
				—	—	21	17
<b>Fourth Semester</b>				<b>Seventh Semester</b>			
American Literature .....	3	3	Measures and Self Testing Materials .....	2	2		
Principles of Sociology or Principles of Economics .....	3	3	Environmental Appreciation .....	4	3		
Educational Psychology .....	(3)	(3)	Visual Education .....	2	1		
Physical Science II .....	3	3	Children's Literature and Story Telling .....	3	3		
Health and Physical Education IV .....	4	3	Education for Family Living .....	3	3		
Elective .....	3	1	Philosophy of the Child Centered School .....	2	2		
	—	—	History of Pennsylvania .....	2	2		
	19	16		—	—	18	16
<b>Fifth Semester</b>				<b>Eighth Semester</b>			
American Government .....	3	3	Student Teaching and Conferences .....	18	12		
Reading Activities .....	3	3	Curriculum Materials, Selection and Adaptation .....	4	3		
Music I .....	4	2		—	—	22	15
Art I .....	4	2	TOTAL .....	163	128		
Number Projects .....	3	2	<b>ELECTIVES</b>				
School Law .....	1	1	Advanced Creative English .....	3	3		
Health and Physical Education V .....	3	1	Advanced Creative Art .....	4	2		
History of the United States before 1865 .....	3	3	Mental Hygiene .....	3	3		
	—	—	Modern Drama .....	2	2		
	24	17	Dramatic Technique .....	4	2		
			Diagnostic and Remedial Instruction in Reading .....	3	3		
			Any electives provided for the elementary curriculum.				

Field trips to progressive schools will be taken as an integral part of this curriculum. Students electing this curriculum must be prepared to meet the cost of these trips taken to Bedford, York, Pittsburgh, Philadelphia, New York, Baltimore, and Washington.

## COURSES OF INSTRUCTION

Courses are designated according to the following scheme; Initial letters show subject field; numbers show curricula—1-10, all curricula; 11-20, required elementary; 21-26, required cooperative; 27-29, required secondary; 30-36, elementary elective; 37-39, cooperative elective; 40-60, secondary elective; 61-89, business education (61-81, required on all business education sequences; 82-89, required on special sequences; S—Secretarial, B—Accounting; R—Retail Selling, or electives as indicated); 90 and above, adult education and general electives.

## THE ARTS

### Art

#### A-I—Appreciation of Art

The aim of this course is to develop an understanding of the history of painting, sculpture, and architecture of the present day. Works are analyzed for artistic qualities, principles, and techniques. Methods of teaching art appreciation in the elementary grades are emphasized. 2 semester hours

#### Pre-requisite Course to Art I

This course is given in the sophomore year to students in the elementary field who do not meet the required standard of the achievement tests in art, administered to all students in elementary education, and is pre-requisite to the professional courses in art. When the required proficiency is attained, the course may be dropped. 2 class periods per week. No credit

#### A-II Art I (Painting and Drawing)

Projects in such media as reed, wood, soap, plaster, clay, leather, and linoleum are presented in this course to produce skill, to prepare students to teach art in the elementary grades, and to develop an appreciation of art in everyday life. Practical information pertaining to art teaching is presented during class recitations. 2 semester hours

#### A-12—Art II (Arts and Crafts)

Color theory, creative design, lettering, still life, figure painting, architectural perspective, and landscape paintings are studied in this course to enable students to express themselves competently in such media as pencil, ink, charcoal, pastel, watercolor, tempera, and oil and to complete their professional

preparation for teaching art in the elementary grades. Art education theory is covered in class recitations. 2 semester hours

## HANDWRITING

All elementary students are required to attain a proficiency in handwriting evidenced by the Zaner-Bloser Handwriting Certificate.

## MUSIC

### A-2—Appreciation of Music

This course is a cultural study of the history and appreciation of music, from the seventeenth century to the present day. The media used for this study are the victrola, the radio, the music library, and the piano. The course stresses the use of music as a means to a fuller appreciation of life and leisure time. 2 semester hours

### Pre-requisite Course to Music I

This course is given in the sophomore year to students in the elementary field who do not meet the required standard in the achievement tests in music, administered to all students in elementary education, and is pre-requisite to the professional courses in music. When the required proficiency is attained, the course may be dropped.

2 class periods per week. No credit

### A-15—Music I

This course is designed to prepare students for sight-singing, recognizing and singing melodies dictated to them and to familiarize them with elementary theories of music. Students are taught to write music, to use the voice correctly, and to sing in two part harmony 2 semester hours

### A-16—Music II. Pre-requisite A-15

This course prepares the student for the teaching of music in the kindergarten, primary, intermediate, and rural departments of the elementary school. Many of the ideas and practices taught in course A-15 are carried on for further development. In addition, theories of teaching from an appreciative basis, singing in three parts, and creating music from rhythmic and melodic patterns are presented 2 semester hours

**BUSINESS EDUCATION****B-66—Bookkeeping and Accounting I**

The aim of this course is to introduce the students to bookkeeping and accounting by means of typical financial records used by single proprietary business units. The entire cycle of bookkeeping procedure is covered. 3 semester hours

**B-B-82 —Bookkeeping and Accounting II**

Bookkeeping principles are reviewed and their application to partnership accounting emphasized. 3 semester hours

**B-B-83—Bookkeeping and Accounting III**

The fundamental principles of accounting theory and practice as they affect the corporate business unit are presented and applied in problem solving. 3 semester hours

**B-B-84—Bookkeeping and Accounting IV**

Branch, departmental, and manufacturing cost determination under the job order and process systems is studied. 3 semester hours

**B-B-86—Accounting V and Auditing**

Purposes and scope of audits and examinations are considered. 3 semester hours

**B-62—Business Mathematics I**

The purpose of this course is to apply known arithmetical skills to business problems pertaining to percentage, discount, interest, bank discount, and valuation. 3 semester hours

**B-63—Business Mathematics II**

This course aims to give further drill in the elementary problems of business mathematics and bookkeeping, but the main purpose emphasizes application of business mathematics to advanced accounting problems encountered in carrying on the modern functions of selling, marketing, financing, and managing of business units. 3 semester hours

**B-S-82—Shorthand I**

The emphasis in this beginning course is on reading of shorthand plates, writing, and mastery of the fundamentals of theory. 3 semester hours

**B-S-83—Shorthand II**

A study of fundamentals is continued with increasing emphasis on dictation and transcription. 3 semester hours

**B-S-84—Shorthand Applications**

This course consists of advanced dictation and transcription with a thorough review of shorthand theory. 3 semester hours

**B-61—Business Writing**

All business students are required to attain proficiency in business writing and to become acquainted with methods of teaching penmanship in secondary schools. 1 semester hour

**B-67—Business Organization and Finance**

This course deals with the fundamental information and study of the organization and management of typical businesses. The private-enterprise system, basic tools of business management, production, personnel relations, finance, competition, and risk are studied. 3 semester hours

**B-68—Clerical Practice and Business Machines**

The course is designed to acquaint the student with modern office equipment—calculating, posting, duplicating, dictating and transcribing machines—filing systems, office procedure, and business papers. 3 semester hours

**B-69—Business Law I Including School Law**

An introduction to the study of fundamental business law, court procedure, contracts, agency, and negotiable instruments is given. A unit of school law is included. 3 semester hours

**B-70—Business Law II**

The course includes study of the law of business organizations, personal property, security relations, and real property. 3 semester hours

**B-72—Secondary School Business Education**

A study of the principles underlying business education and their application to curriculum problems is made. Typical business education curricula are considered and their suitability to the requirements of various communities stressed. The student is introduced to the broad field of business education literature. 2 semester hours

**B-73—Educational Measurements**

Consideration of basic theory and test construction is followed by a study of tests and methods of measurement as applied in Business Education. 3 semester hours

**B-74—Business Correspondence**

Problems arising in business situations are utilized for the study of form and content of business correspondence. Essentials of grammar are reviewed. Writing of various types of business letters forms an integral part of the course. 3 semester hours

**B-75—Methods of Teaching Business Subjects**

Definite application of the psychological principles of skill building and the laws of learning is made to the subjects included in the business education curriculum. A study of lesson plans, of teaching, and supplementary material is included. 3 semester hours

**B-S—87—Stenographic Office Practice**

This is an advanced stenographic practice course. The theory and practice of secretarial duties common to all lines of business are included, as is secretarial diction. 3 semester hours

**B-64—Typewriting I**

This beginning course emphasizes the mastery of mechanical skills requisite to basic manipulative typewriting skill. Diagnostic and remedial work are stressed. 1 semester hour

**B-65—Typewriting II**

Dexterity and efficiency in handling the typewriter are stressed, and placement of mss., letters, and simple tabulation is taught. 1 semester hour

**B-S—85—Typewriting III**

Speed building, advanced letter writing problems, business and legal forms, and transcription from shorthand notes are stressed. 2 semester hours



**B-S—86—Typewriting Applications**

Practical business problems form the basis for teaching materials emphasizing application to advanced typewriting problems. 2 semester hours

**B-71—Sales and Retail Selling I**

This course is an introduction to a general study of the principles of salesmanship, personnel and store lay-out, in their relation to selling. This study certifies in general salesmanship. 3 semester hours

**B-R—82—Retail Selling II**

This course is a general survey of the entire field of advertising procedure from the inception of the advertising idea to the completion of the advertisement. 3 semester hours

**B-R-83—Retail Selling III**

A study of the fundamental problems of marketing is made. 3 semester hours

**B-R-84—Retail Selling IV**

Retail store organization and management and the problems of store operation are studied. 3 semester hours

**EDUCATION AND PSYCHOLOGY****Ed-1—Place and Purpose of Education in the Social Order**

This course is intended to acquaint the student with the major functions of education in contemporary society. It is not essentially a professional course. It includes a survey of the organization, underlying purposes, and the content of American education with some reference to education in non-democratic society. 3 semester hours.

**Ed-2—General Psychology**

This is an introductory study of the field of mental life. The course aims to lay a foundation for all later study in education or psychology and to give a general appreciation of the psychological approach to an analysis of animal and human behavior. 3 semester hours.

**Ed-3—Educational Psychology**

The application of the principles of psychology to the guidance of mental development is made. Special consideration

is given to the native equipment of human beings; the cultivation of habits of thinking, feeling, and acting; the psychology of individual differences; the laws of learning and the psychology of school subjects. 3 semester hours.

#### Ed-4—School Law

This course is designed to acquaint the student with the provisions of the law relative to the organization of the school system, the provision for levying and collecting taxes, the method of determining the State appropriation, the duties and responsibilities of boards of school directors, superintendents, principals, teachers and other school officials and employes, as well as the basic philosophy underlying the operation of the school system of the Commonwealth. 1 semester hour.

#### Ed-5—Educational Measurements

This course is concerned primarily with measurement as a significant element in the educative process. Various techniques of constructing achievement tests are considered. Special emphasis is given to the evaluation of tests, the administration of tests, statistical interpretation of test results, and diagnostic procedures. 2 semester hours.

#### Ed-6—Visual Education

What philosophy justifies the widespread use of Visual-Sensory aids? What aids are available? How should they be used? What will they accomplish? What should they cost? Such analyses are made regarding pictorial materials and their projection, objective materials, the school journey, auditory and other types of sensory aids. 1 semester hour.

#### Ed-7—Evolution of the American Public School

This course is designed to acquaint the student with the development of the American public school in both elementary and secondary fields. 2 semester hours.

#### Ed-8—Ethics

While a study of the fundamental theories of human conduct, including the nature of man, his relation to God, to society and to himself, is considered, special emphasis is laid upon the ethical practices peculiar to the teaching profession. 3 semester hours.

#### Ed-9—Student Teaching

This activity is required during the last year of training. It includes observation, participation and teaching, and is

offered according to the specialization of the student in Early Childhood, Intermediate, Rural, Cooperative, Secondary or Business Education fields. The Campus Laboratory School affords training in the kindergarten and grades one to six. Training in the Rural field is obtained in a two-room school in Shippensburg Borough. The Shippensburg schools also provide for training in the Junior and Senior High Schools and in grades one to six.

12 semester hours

#### **Ed-10—Curriculum Materials, Selection and Adaptation**

Parallels student teaching experiences. Through directed readings, research, discussion, observations, and experimentation, the student interprets and applies the principles of effective teaching and learning. The objectives of education, the development of the curriculum, and the selection, organization and adaptation of materials constitute the major problems of the course which is in charge of group directors as co-ordinators assisted by the Laboratory School Staff.

3 semester hours.

#### **Ed-27—Problems of Secondary Education**

This course offers a study of the aims, functions, and development of secondary education; the consideration of trends in curriculum construction in relation to the reorganization of secondary education; the aims and functions of guidance in the secondary school; the responsibility of the individual teacher for educational and vocational guidance.

2 semester hours.

#### **Ed-30—Early Childhood Education**

A study is made of the growth, learnings and adjustments characteristic of children from infancy through the early school years, the nursery school through the first three grades. Consideration will be given to such problems as language ability, choice of adaptations of materials, arrangement of the environment, activities and controls needed for optimum development. Observation in the laboratory school and case studies will be made.

3 semester hours.

#### **Ed-31—Child Psychology**

This course presents a study of the physical, mental, emotional, and social development of the child from birth to adolescence. The period from five to ten years of age is especially emphasized, and opportunity is given to observe children in the Laboratory School.

3 semester hours.

**Ed-32—Special Education**

This course is intended to acquaint the student with the different types of atypical children—gifted, mentally subnormal, tubercular, partially blind, partially deaf, speech defective, crippled, socially maladjusted—who require a special program, special devices, and special teaching techniques.

3 semester hours.

**Ed-33—Child Adjustment**

This course presents a study of the physical, mental, emotional, and social development of the child from birth to adolescence. The period from five to ten years of age is especially emphasized, and opportunity is given to observe children in the Laboratory School.

3 semester hours.

**Ed-34—Rural School Problems**

A study of the relationship of education to rural society and the consideration of problems pertinent to the personnel, maintenance, equipment, and organization of a rural school.

3 semester hours.

**Ed-35—School Finance**

This course includes an analysis of school costs, together with a consideration of the possible sources of revenue. Current expenses are contrasted with capital outlay, and the theories and problems of incurring debt through the issue of bonds are studied. Consideration is given to the methods of school accounting in use and recommended in the Pennsylvania public schools.

2 semester hours.

**Ed-37—Mental Hygiene**

This course considers the problem of adjustment of the individual, with the idea of developing a healthy mental state and giving the fundamental principles of this development in child life.

3 semester hours.

**Ed-40—Adolescent Psychology**

A survey of mental development from puberty to maturity, including social, emotional, moral and intellectual growth, as influenced by hereditary and environmental forces is made. Emphasis is given to available means and methods of educating the adolescent.

2 semester hours

**Ed-41—Clinical Psychology**

This course is designed to give the clinical experience necessary for certification as a psychological examiner. The work covers the administration and interpretation of performance tests, individual and group intelligence tests, achievement tests, personality inventories, and the use of clinical instruments. Credit is given on the basis of one semester hour credit for each 45 clock hours spent in the actual work of the clinic; maximum credit is six semester hours. Registration, with the consent of the Dean of Instruction and the Director of the clinic.

Variable credit.

**E N G L I S H****E-1—English I**

This course is a course in fundamentals emphasizing the structure and use of correct English. The work is based upon the needs of students as discovered in their written composition and in their speech.

3 semester hours

**E-2—English II**

This composition course is designed to further the student's knowledge of fundamentals and improve his written and spoken English. Pre-requisite English I.

3 semester hours.

**E-3—Fundamentals of Speech**

This course stresses the fundamentals of good speech, voice, and diction. In connection with pronunciation, emphasis is placed upon dictionary study. Exercise is given in numerous speech activities, such as reading, dramatics, and various types of speaking. Special attention is given to the speech problems of individuals, revealed through mechanical recordings.

3 semester hours.

**E-4—Literature I**

A study of the major types of English prose and poetry by means of discussion, reports, and analysis is made.

3 semester hours.

**E-5—Literature II**

Types of American literature from Colonial times to the present by means of discussion, reports, and analysis are studied.

3 semester hours.

**E-11—Teaching of Reading**

After a general survey of the reading process and the aims of reading instruction is made, attention is equally divided between primary and intermediate grade reading methods and materials. The work is supplemented by demonstrations in the laboratory school and in the class room. 3 semester hours

**E-12—Teaching of English**

This course deals with the materials used in elementary English classes and the methods used in handling such materials. 3 semester hours.

**E-13—Children's Literature**

After a brief survey is made of children's interests and the characteristics of good juvenile literature, the course is largely devoted to the study of the various types of suitable poetry and prose for use with children. Story telling and dramatization are included in the study of methods of presentation. 3 semester hours.

**E-22—Reading Activities**

After a study of fundamentals of the reading process, the course is devoted to examination of the various activities leading toward and used in actual reading. Full use is made of literary and factual materials which lend themselves to the newer types of reading programs. 3 semester hours.

**E-30—Diagnostic and Remedial Instruction in Reading**

This is an advanced course in dealing with reading difficulties. One period each week is devoted to practice with problem cases in the laboratory schools. (Pre-Requisite E-11). 3 semester hours.

**E-37—Modern Drama**

The course is designed to give the student a background upon which to base his judgment of dramatic literature and dramatic production. 2 semester hours.

**E-38—Dramatic Technique**

Discussion of plays suitable for school production and a study of the techniques involved are emphasized. 2 semester hours.

**E-40—English Philology**

This course outlines the historical development of the English language, with a brief survey of historical grammar and review of the principles and methods involved in the study of grammar.

3 semester hours.

**E-41—Advanced Composition**

An advanced course is offered in various types of expository composition and other types of discourse, for students preparing to teach English.

3 semester hours.

**E-42—Shakespeare**

Plays typical of the author's various dramatic periods are studied. There is a core of intensive reading in class, with extensive reading for report. Initial consideration is given to the social and dramatic background of the author. Information derived from the course is related to the consideration of high school Shakespearian plays.

3 semester hours.

**E-43—Short Story**

This course is designed to give the student a knowledge of the history and technique of the short story. American, English, and European writers are considered. Stories are written by students interested in this phase of the work.

3 semester hours.

**E-44—Modern Novel**

This is a study of the modern novel in English. The course begins with the work of Hardy and includes the writing of the younger novelists of the present time.

3 semester hours.

**E-45—World Literature**

A limited survey course designed to furnish a basis for cultural reading. European literature is stressed.

3 semester hours

**E-46—Contemporary Poetry**

A study of British and American poetry of the Twentieth Century is made. The course acquaints the students with modern trends in poetry, works for the appreciation of verse forms, and suggests contemporary poetry, suitable for intermediate and high school classes.

3 semester hours

**E-47—Victorian Prose and Poetry**

This course deals with the writings of the greater Victorian poets and essayists and stresses the trends of Victorian thought as found in the literature of the age. 3 semester hours.

**E-48—Journalism**

An advanced composition course is offered stressing the development of school papers and magazines. 2 semester hours.

**E-49—Pre-Shakespearean Literature**

This course considers literature from the beginning of Anglo-Saxon poetry to the writings of Shakespeare's time. Emphasis is placed upon the work of Chaucer. 2 semester hours.

**E-50—Romantic Period**

The aim of this course is to acquaint students with the English Romantic Movement of the late eighteenth and early nineteenth centuries. Emphasis is placed upon poetry and literary criticism of and by the poets of this period. 3 semester hours.

**E-51—Essay**

A survey of the essay from the time of Charles Lamb to the present day is made. 3 semester hours.

**E-52—Modern Drama**

See E-37.

**E-53—19th Century Novel**

This course includes a study of the novel from the time of Jane Austen and Sir Walter Scott to the end of the Victorian period. 3 semester hours.

**E-54—The 18th Century**

This course includes the study of satire in poetry, drama, novel, and essay, together with the development of the novel, the traces of coming romanticism, and certain examples of letter writing, biography, and political oratory. 3 semester hours.



## FOREIGN LANGUAGES

## French

**F-40 and 41—Elementary French**

A thorough review of the fundamentals of French grammar and pronunciation is made. Reading material is chosen from late nineteenth century and contemporary literature. Methods and problems involved in the teaching of French are introduced. Emphasis is placed on French life and customs.

6 semester hours.

**F-42 and 43—19th Century and Contemporary  
French Prose and Poetry**

Reading and discussion of the important works of the novelists, dramatists, and poets of romanticism and realism and of the more recent literary movements form the basis of this course.

6 semester hours.

**F-44—17th Century French History and Literature**

A study of the classical period of French literature with special emphasis on the plays of Corneille, Racine and Moliere is made.

3 semester hours.

**F-45—Outline Course in French Literature**

This course provides a rapid survey of the origin and development of French language and literature. An attempt is made to trace the development of literary types and of ideas.

3 semester hours.

**F-46 and 47—Romantic and Realistic Movements in French Literature**

A study of the origins and development of romanticism and realism in French literature is made.

6 semester hours.

**F-48—The French Novel**

A study of the novel, its origin and development is offered. The most important novels of each period are read and discussed.

3 semester hours.

**F-49—French Drama**

This course traces the history of French drama. The most important plays of each period are read and discussed.

3 semester hours.

These courses include practice in speaking and writing French. Methods and problems involved in the teaching of French are progressively introduced and discussed. The literature is presented with its historical and cultural background.

**F-50—French Civilization**

This course develops an understanding of modern France through a study of the factors that have produced the French nation and its civilization. This course may be elected by students who are not French majors. 3 semester hours.

**SPANISH**

**Sp-40 and 41—Intermediate Spanish**

A thorough review of the fundamentals of Spanish grammar and pronunciation. Reading material is chosen from the contemporary literature of Spain and Spanish America. 6 semester hours.

**Sp-42—Introduction to Spanish Literature**

This course offers a rapid survey of the history of Spanish literature with emphasis on the development of literary types and ideas. 3 semester hours.

**Sp-43—Spanish-American Literature**

A rapid survey of the history of literature and ideas in Spanish American countries is made. 3 semester hours.

**Sp-44—Spanish Civilization**

This course traces the development of Spanish culture and its influence both in Spain and in Spanish America. 3 semester hours

**Sp-45—The Spanish Drama**

This course traces the development of the Spanish Drama. 3 semester hours.

**Sp-46—Spanish Conversation**

Spoken Spanish and training in the organization of material for conversation. 3 semester hours.

**Sp-47—Commercial Spanish**

Business letters and practices. This course is correlated with work in the Business Education Department. 4 semester hours.

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## G E O G R A P H Y

### G-1—Principles of Geography

The emphasis of this course is on the relationship between the physical and the cultural environment. Some of the important geographic factors, such as climate, natural vegetation, soil, minerals, water bodies, and topography, are discussed. This course includes the fundamental principles of mathematical geography. 3 semester hours.

### G-2—Economic Geography

This course deals with the agricultural, industrial, and commercial relations of the world. Special emphasis is placed upon the agricultural geography of the United States and its ability to feed, clothe, and shelter itself. Minerals, their distribution and world interdependence is stressed. Urban geography and the geographic problems of site, location, and growth of the larger cities of the world are studied. 3 semester hours.

### G-21—Environmental Appreciation

This course offers a study of the factors that influence man's needs, progress, and culture, including the forces of nature and the development of science and social economics designed to conserve and protect life in general. Field trips are used for observation and evaluation of these problems of study. (Cooperative Education). 3 semester hours.

### G-30—Geography of the United States and Canada (Elementary Curriculum)

This course includes analyses of areas in the western hemisphere which are basic to a development of units of geographic understanding in elementary grades. Source materials, the geographic tools, and techniques necessary for effective teaching are considered, though emphasis is placed on the study of adjustments of man to his environment. 3 semester hours.

### G-31—Geography of Europe

This course supplements the Geography of the United States and Canada. Greater complexity of the natural, economic, and political regions, suggests the desirability of having this course follow G-30. Study is made of the underlying conditions of Europe, Asia, and Africa as a basis for present and recurring problems of their peoples. 3 semester hours.

**G-40—Geography of the United States and Canada**

National welfare and progress demand a knowledge of how adjustments are to be made to natural regions, whether physical, climatic, or economic in character. This course aims to show how such adjustments in the United States and Canada may be made through planning, based on factual knowledge, rather than on accidental and transitory expedients.

3 semester hours.

**G-41—Geography of Latin America**

A general survey of South America is made, followed by an intensive study of each major geographic region. This regional study gives the student a more complete understanding of the relationship between physical and cultural development of South America and the interdependence of North and South America.

3 semester hours.

**G-42—Geography of Europe**

A general picture of the physical landscape of Europe is given in the first part of the course. The second part deals with an intense regional study of Europe. The economic and political problems are stressed in light of the physical background.

3 semester hours.

**G-43—Geography of the Pacific Realm**

This course deals with the problems of the peoples of the Pacific Basin. The main emphasis is put upon the geography of China, Japan, and Australasia. The economic and political relations of the Orient and Occident are stressed.

3 semester hours.

**G-44—Climatology and Meteorology**

This course is divided into elementary meteorology and climatology. Amateur daily weather forecasting and instrument use form the natural interest in the course. The important classifications of climate are studied, and the student is expected to know one classification completely. Plant and animal responses are studied in light of their climatic environment.

3 semester hours.

**G-45—Physiography**

The course is designed to give the student an appreciation of topographic features and modifying agents of the earth. The major topics discussed are as follows: weathering, wind, ground and running water, ice vulcanism, diastrophism and wave and ocean currents.

3 semester hours.

**G-46—Conservation of Natural Resources**

The course deals with the study of intelligent utilization of soils, forests, grasslands, and minerals as well as the proper utilization of streams, lakes, and wild life for recreational purposes. The idea of a national program in conservation is included in this course. 3 semester hours.

**G-47—Field Courses**

From time to time the department of geography offers field courses to various parts of the country, including Western United States, New England and Maritime Canada, Southern United States, and intensive field work in Pennsylvania. The credit varies from 3 to 6 semester hours, depending upon the area studied and the length of time in the field.

**G-48—Commercial and Industrial Geography**

This is an intensive course studying the factors controlling agricultural, and industrial relationships. Emphasis is put upon production and utilization of commodities. The development of the city and factors controlling city growth are stressed. 3 semester hours.

**G-49—Trade and Transportation**

The fundamental aspects of trade are studied in detail, and the methods of moving goods from the areas of production to the areas of consumption stressed. Trade centers and trade routes are studied. Commercial and Industrial Geography is pre-requisite for this course. 3 semester hours.

**G-50—Geography of Pennsylvania**

This is an extensive course dealing with the physical and cultural development of the state. Geology, climate, soil, and natural vegetation are emphasized where they influence the cultural pattern. Field trips to local points of interest are an integral part of the course. 3 semester hours.

**G-61—Economic Geography (Business Education Curriculum)**

This course combines the principles basic to a classification of climatic types with a study of the variations of natural vegetation, soils, minerals, etc., of these regions. The diverse products of the regions so studied form the background for a consideration of foreign and domestic commerce and the responsibility in the economic planning for world peace. 3 semester hours.

## HEALTH EDUCATION

The Department of Health and Physical Education provides facilities in archery, badminton, baseball, basketball, football, hiking, hockey, quoits, shuffleboard, soccer, soft ball, swimming, table tennis, tennis, track, volley ball, and water polo. While the college has no liability for physical injury in the athletic program, every effort is made to protect the student from such injury, and adequately equipped hospitals are available in Chambersburg and in Carlisle.

Provision is made for teaching the necessary skills in these athletic activities, and a program of intra-mural contests in a variety of games is maintained. Opportunity is also given to learn the teaching and supervising of these games for children and of acting as an official in refereeing and umpiring athletic contests. The development of these skills is both a personal and professional asset to the student, insuring healthy participation in physical exercise after graduation and not infrequently providing an additional qualification for the student's teaching service.

Each student must pass a swimming test before graduation unless specifically excused on account of physical disability.

A uniform costume for physical education is prescribed for all students. This costume may be obtained after enrollment at the college and must be worn in the gymnasium.

### HEd.-1—Health Education I

This course provides for two hours of activity and one hour of class-room procedure throughout the freshman year. In the activity course the student becomes familiar with modern conceptions of physical education and develops skills in team and individual sports with special emphasis upon carryover values. Hockey, soccer, archery, basketball, swimming and tennis are included in the first semester, also a program of folk and national dances. In the classroom the student becomes familiar with the fundamental health habits, attitudes, and knowledge supporting his daily living. 1 semester hour.

### HEd.-2—Health Education II

This course is a continuation of Health Education I with the same division of time. In the activity course volley ball, deck tennis, ping pong, shuffle board, baseball, tennis, archery, and swimming are included in the second semester; also a program of social and modern dancing. In the classroom the

student will be free to study specific health problems which are of personal interest to him. 1 semester hour.

**HEd.-3 and 4**

Are a continuation of 1 and 2. 1 semester hour each.

**HEd.-5 and 6 Are Professional Courses**

In physical education the activities suitable for grades one to six are presented, together with the methods of teaching these activities to the boys and girls of these grades. In health education the information necessary for background, the methods of teaching health as an integrated subject in the modern school program, and the health of the teacher himself are studied. Student teaching opportunities are offered.

**Activity**

Seniors who are not doing student teaching have two hours a week activity. This program includes major sports, swimming, and dancing.

**MATHEMATICS****M-11—Curriculum in Arithmetic**

The major objectives of this course are to give the student an overview of the curriculum in arithmetic for the elementary grades, and to study present trends in teaching the basic phases of the work in grades one to three, from the standpoint of significance and meaning. 2 semester hours.

**M-30—Teaching of Arithmetic**

This course is a continuation of Curriculum in Arithmetic with special emphasis on methods of procedures in grades four to eight, inclusive. The significance of informational as well as computational phases of the subject is studied. Military applications are included. 3 semester hours.

**M-40—College Algebra**

3 semester hours.

**M-41—College Trigonometry**

3 semester hours.

**M-42—Analytic Geometry**

3 semester hours.

These three courses cover the materials usually taught in the courses of College Algebra, Trigonometry, and Analytic

Geometry. The following topics are among those included: Radicals, quadratics, ratio and proportion, variation, progressions; graphical representation of algebraic and trigonometric functions and their applications; angles, logarithms, solution of right and oblique triangles; identities; straight line, circle and conic sections, including translation and rotation of axes, etc.

**M-43—Calculus I**

This course studies differentiation and integration of algebraic functions using derivatives; implicit differentiation of functions; use of differentials, maxima and minima; applications in velocity and acceleration areas, pressure, work, volumes, etc.  
3 semester hours.

**M-44—Calculus II**

Continuation of Calculus I, extending the use of derivatives and integrals to trigonometric, logarithmic and exponential functions.  
3 semester hours.

**M-45—Statistics**

The purpose of this course is to prepare students to read articles employing statistical terms and to compute statistical measures. It will include a study of measures of central tendency, the normal curve, measures of variability and correlation.  
3 semester hours.

**M-46—College Algebra II**

This is a continuation of College Algebra I and will include a study of mathematical induction, variations, progressions, inequalities, complex numbers, theory of equations, partial fractions, permutations, combinations, probabilities and determinants.  
3 semester hours.

**M-47—Synthetic Geometry**

This is a first course in college geometry. The method used is the method of synthetic geometry.  
3 semester hours.

**M-48—History of Mathematics**

The aim of this course is to acquaint the student with the history of the development of mathematics with special emphasis upon the history of the content usually taught in the elementary and secondary fields.  
3 semester hours.

**M-49—Applied Mathematics**

Work is chosen from the following fields: surveying, including use of the level, transit, sextant and plane table;



theory and use of the slide rule; shop mathematics, mathematics in the fields of business, social studies, science, and agriculture; application of mathematics in military tactics, air and sea navigation; teaching of mathematics in high school, etc.

3 semester hours.

#### M-50—Spherical Trigonometry and Navigation

This course includes a study of the geometry of the earth including solution of spherical triangles and applications to air and sea navigation; piloting, dead reckoning, radio and celestial navigation.

3 semester hours.

## SCIENCE

### Biology

#### BS-1 and 2—Biological Science I and II

This course involves the study of the general principles of animal and plant biology together with the concomitant results that spring from the efforts in gaining them. It is given as a basis for further study as well as to acquaint the student specifically with the biology underlying human behavior.

Specifically, the course involves a brief study of cell structure with the series of their combinations, the functions of organs of plants and animals, embryology, a few micro-organisms, and a few general animal and plant groups. Some of the fundamental theories of biology are briefly considered.

6 semester hours.

#### Bi-41—Botany I—Angiosperms

This course emphasizes mainly the morphology. It is presented from the standpoint of the sequence of growth in the life cycle of the plant. A study of the evolution of the various tissues and organs as they occur in the development is made. Physiology is made a consideration in the course.

3 semester hours.

#### Bi-42—Botany II—Plant Phyla

This presents a survey of the plant kingdom by studying typical representatives of the subdivisions of all plant groups. The plan of development is that of noting how the sporophyte part of plants evolves and predominates while at the same time the gametophyte part of the plants degenerates or becomes less conspicuous.

3 semester hours.

**Bi-43—Zoology I—Invertebrate Zoology**

The various phyla of the invertebrate groups are studied. The course is morphological in nature with consideration of the physiology and ecology of the animals studied.

3 semester hours.

**Bi-44—Zoology II—Vertebrate Zoology**

This course is designed to give fairly comprehensive understanding of the vertebrates as a group with emphasis upon physiology. The dogfish shark and frog are studied.

3 semester hours.

**Bi-45—Ecology**

This course attempts to give an understanding of the inter-relationships of plants and their environment. Plants are studied where they grow. Climate, soil, and topography are fundamental accessory studies in the course. Pre-requisites: Botany I and II.

3 semester hours.

**Bi-46—Entomology**

Anatomy, life histories, distribution, and classification of insects are studied. The economic relationship is emphasized. As far as possible, insects are studied in their living places—streams, fields, woods, etc. Pre-requisite: Zoology I.

3 semester hours.

**Bi-47—Comparative Anatomy**

Amphioxus, the shark and the cat or rabbit are made the central points of study in this work. The various systems are studied with emphasis upon the comparative relationships; physiology is made a factor in the work. Pre-requisites: Zoology I and II.

3 semester hours.

**Bi-48—Heredity.**

The basic modern principles of heredity and variation, involving the mechanism necessary for their better understanding, are studied. Eugenics is emphasized.

3 semester hours.

**Bi-49—Bacteriology**

In this course the morphology, physiology, distribution, and taxonomy of bacteria, yeasts, and molds are studied. Special emphasis is placed on pathogenic bacteria and on micro-organisms whose activities are of economic importance, including those which cause fermentations. Pre-requisite—course in biology or equivalent.

3 semester hours.

**Bi-50—Parasitology**

A study is made of the identification, life history, source of infection, symptomatology, and medical treatment of the various protozoa, trematodes, cestodes, and nematodes which parasitize man. Some time is also devoted to bacterial parasites.  
3 semester hours.

**CHEMISTRY****Ch-41 and 42—Inorganic Chemistry I and II**

A systematic study is made of the history, occurrence, preparation, properties, metallurgy, and the applications to daily life of the important non-metallic elements and their compounds. Emphasis is placed upon chemical calculations and upon the fundamental principles, laws, and theories of chemical action. The laboratory work during the second semester is devoted to Qualitative Analysis which is designed to acquaint the student with the theory and practice by which the important metals and acids are separated and identified in complex mixtures, alloys, ores, and minerals. A study is made of ionization, mass action, and other fundamental theories.  
8 semester hours.

**Ch-45 and 46—Quantitative Analysis I and II**

This is an introductory course illustrating the fundamental principles of gravimetric, volumetric, and electrolytic methods of analysis. Practice in stoichiometry, careful manipulation of apparatus, and accurate analysis is stressed. 7 semester hours.

**Ch-47 and 48—Organic Chemistry I and II**

An introduction to the study of carbon compounds. Covers the aliphatic and aromatic series with a discussion of the more important derivatives. Processes involved in the more important industrial operations and life processes in plants and animals are stressed.  
7 semester hours.

**Ch-49—Biological Chemistry**

This course includes the study of the chemistry of digestion and enzymes, the metabolism of carbohydrates, fats, and proteins, composition of foods, respiration and nutrition.  
3 semester hours.

**Ch-50—Industrial Chemistry**

The purpose of this course is to show the applications of chemical principles in various industries. Visits to certain key industries, class discussions, and reports will comprise the course.  
3 semester hours.

**Ch-51—Physical Chemistry**

Designed to acquaint the student with the laws and theories that relate to the behavior of gases, liquids, and solids, molecular weight determinations, solutions, atomic structure, thermo-chemistry, chemical equilibrium, and colloids.

3 semester hours.

**P H Y S I C S****PS-1 and 2—Physical Science I and II**

This makes a survey of the fields of astronomy, geology, physics and chemistry, presenting the organization of each field and as much subject matter as time permits. 6 semester hours.

**Ph-41—General College Physics I**

This course covers mechanics and heat. Exact quantitative relations are stressed, but without the use of calculus. First semester. 4 semester hours.

**Ph-42—General College Physics II**

This course covers the subject of electricity and magnetism, light, sound, and modern physics. 4 semester hours.

**Ph-43—Mechanics**

This is an intermediate course covering the entire field of mechanics. Recitations, problems and laboratory work. Pre-requisite Ph-41—General College Physics. Offered the first semester of alternate years. 3 semester hours.

**Ph-44—Electricity and Magnetism**

Fundamentals of magnetism, magnetic circuits, measurements in magnetism, electrostatics, current electricity, both DC and AC, measurements in electricity, interrelations between magnetism and electricity, etc. are studied. Pre-requisite Ph-42—General College Physics. Offered the second semester of alternate years. 4 semester hours

Note: While courses in mathematics are not required in connection with a major or minor in Physics, it is strongly urged that some mathematics courses be taken. The student should plan for a minimum of 6 semester hours in mathematics, and additional courses will be to his great advantage.

## SCIENCE

## S-11—Curriculum in Elementary Science

Elementary courses in science should acquaint students with their environment and their significance to their environment. Beginning with familiar facts and phenomena, scientific growth and the nature and importance of science in life need to be taught the students. In succeeding grades the background of preceding grades needs to be enlarged and emphasized.

Sources of information are very necessary and some time is spent on this problem in the course. This course offers a plan of procedure for science teaching in the elementary grades and provides a basis for experience in planning suitable courses for the several grades in the elementary curriculum.

3 semester hours.

## S-40—Astronomy

A non-mathematical study of all the heavenly bodies, moon, solar system, stars, clusters, and nebulae is made. Familiarity with the planets and the more interesting constellations is developed by field work. No pre-requisite.

3 semester hours.

## S-41—Teaching of Pre-flight Aeronautics

This is a professionalized course for prospective teachers of Pre-flight Aeronautics in the secondary schools.

3 semester hours.

## SOCIAL STUDIES

## History

## SS-1—History of Civilization

An orientation course studying and comparing early civilizations that affected our own and surveying the major movements in western culture to the present time. This course attempts to give the student an understanding of present day civilization and his relation to it through a study of its origins and developments.

4 semester hours.

## SS-11—United States History Before 1865 (Elementary Curriculum)

A survey course in American history designed for elementary teachers. Social, cultural and biographical materials receive special emphasis.

3 semester hours.

**SS-12—United States History Since 1865 (Elementary Curriculum)**

A continuation of SS-11 covering the period from 1865 to the present. The work is professionalized with special reference to the needs of the elementary teacher. 3 semester hours.

**SS-13—History of Pennsylvania**

This course traces the political, economic, social, and cultural developments of Pennsylvania and adjoining regions. It attempts to give an intimate descriptive picture of the life and culture of the people in the successive periods of our history.  
2 semester hours.

**SS-27—History of the United States and Pennsylvania**

This is a survey course in political, economic, and social history of the United States, with emphasis upon the place of Pennsylvania in the history of the nation. 3 semester hours.

**SS-31—Teaching of American History and Government**

This course will study the purpose, organization and development of the American Republic and is presented to provide prospective teachers with procedures and materials necessary to acquaint children of intermediate elementary grades with the history of the founding of our country, the writing and adoption of the Constitution of the United States, and the subsequent development of American history under the Constitution.  
3 semester hours.

**SS-41—Early European History**

This is an advanced course in medieval and early modern history stressing the political, economic, or cultural phases as the class may choose. Pre-requisite, History of Civilization.  
3 semester hours.

**SS-42—Modern European History**

A continuation of SS-41, this course surveys European developments to the present time. Pre-requisite, History of Civilization.  
3 semester hours.

**SS-43—Twentieth Century World History**

This course deals with recent international relations, giving attention to the national policies of the great powers and the factors behind these. It traces the developments toward world

unity, stressing the League of Nations and the U. N. O. Pre-requisite, SS-41 and SS-42. 3 semester hours.

#### SS-44—History of the United States I

A course for students in the secondary curriculum which deals with the settlement and development of the English colonies and their separation from the empire. The major political, economic, and cultural trends of the nation to 1865 are also studied. 3 semester hours.

#### SS-45—History of the United States II

A continuation of SS-44 dealing with the period from 1865 to the present. The interrelation of economic, political and cultural factors is stressed. Considerable emphasis is placed upon the nation's development since 1918. 3 semester hours.

#### SS-46—History of England

A survey of English history stressing the political, economic and cultural developments which enter most largely into the American heritage and bind the two nations together. Emphasis is placed also on the recent economic, social, imperial and foreign policies of Great Britain. 3 semester hours.

#### SS-47—History of the Far East

The important historical developments and cultural achievement of the Orient are surveyed to provide an understanding of recent events there. The modern relations of eastern Asia with Europe and America are traced, and the results of this impact upon both civilizations are studied. 2 semester hours.

#### SS-48—History of Latin America

This course surveys the political, economic, social and cultural development of Latin America. It compares the Latin American pattern of culture with our own, and studies the place of the Latin nations in world affairs. 3 semester hours.

#### SS-49—History of American Diplomacy

A survey of American foreign relations from the Revolutionary War period to the present. Special attention is given to factors determining our foreign policies; influence and propaganda from abroad, the American press and public opinion, economic and other special interest groups. An advanced course for History majors. Pre-requisites, History of the U. S. I and II. 3 semester hours.

**SOCIAL SCIENCE****SS-2—Principles of Sociology**

An introductory course which introduces students to fundamental sociological concepts and applies these in a study of some of our most important social institutions.

3 semester hours.

**SS-3—American Government**

The basic principles of the American government and constitution are studied and compared with those of other countries, the machinery and procedure of government described, and some major governmental issues and activities considered. Emphasis is placed upon vital problems such as democracy and efficiency in government, administrative reorganization, tax reform, and local government areas.

3 semester hours.

**SS-51—Principles of Economics**

The relation of the economic organization and its principles to the student as an economic individual, especially as a consumer, is the central theme here. Emphasis is placed on such personal problems as credit buying, market practice, housing, investments, and insurance.

3 semester hours.

**SS-52—Contemporary Economic Problems**

Continuation of SS-51.

The economic organization and behavior of our society is examined in such fields as money and banking, foreign trade, corporations, labor, agriculture, public utilities, and public finance. Emphasis is placed on the broad social effects of economic conditions today and on economic reforms for the general welfare. Pre-requisite, SS-51.

3 semester hours.

**SS-53—Industrial Relations**

An advanced course which deals with corporations, production and labor, with the emphasis on the relations of labor and capital, and the relation of government to these two forces. Pre-requisite, Principles of Economics.

2 semester hours.

**SS-54—Comparative Government**

A comparative study of the principles, forms and functions of fascist, communist, and democratic governments. Such subjects as bureaucracy, dictatorship, constitutional order, federalism, legislative representation, political parties and electoral systems are examined in this functional and comparative fashion. Pre-requisite, American Government. 3 semester hours.



**SS-55—Municipal Government**

This course deals with local government, especially the principles and problems of the government of our urban areas.  
Pre-requisite, SS-3. 3 semester hours.

**SS-56—Social Problems**

A sequel to SS-2, this course is concerned with the more persistent problems which grow out of social change and maladjustment. Among the specific problems studied are family conflict, problems of population shift, increase and composition, race and national conflict, industrial conflict, poverty, crime and delinquency. 3 semester hours.

**SS-57—Ed-8 Ethics**

While a study of the fundamental theories of human conduct, including the nature of man, his relation to God, to society and to himself, will be considered, special emphasis will be laid upon the ethical practices peculiar to the teaching profession. 3 semester hours.

**SS-61—Economics I (Business Curriculum)**

This course is equivalent to SS-51. 3 semester hours.

**SS-62—Economics II (Business Curriculum)**

A continuation of SS-61, this course is equivalent to SS-52.  
Pre-requisite, SS-61. 3 semester hours.

## SOCIAL PROGRAM

### GOVERNMENT

#### The Student Cooperative Association

This body determines the amount of the activity fee and through its constitution delegates to the President's Council the determination of the activities' budget and its administration.

#### The President's Council

This body is composed of seventeen student members and four advisory faculty members, all of whom hold membership in the council ex-officio, by reason of their leadership of specific activities of the college. The President of the college is the President of the Council. It administers the activities' funds through a budget system by which each of the activities of the college is allocated its share of the money available for this purpose. The Council elects a student treasurer and checks against the activities' fund must be signed by the President and the Treasurer of the Council.

This body controls and directs the student activities of the college under the authority of the Student Cooperative Association. The Council is responsible for the operation of the cafeteria under the sponsorship of the dietitian and of the retail store under the sponsorship of the business manager. The cafeteria serves primarily the day students of the college although all students and faculty are free to avail themselves of its services. The retail store handles the purchasing of all textbooks, college stationery, jewelry, individual athletic equipment, and other items required by the several courses of study and extra-curricular activities of the college.

#### Student Government Organizations

Four student government organizations exist at this college: one for day student women, one for boarding student women, one for day student men and one for boarding student men. Each organization has its officers and is responsible to the Dean of Men or Dean of Women respectively and to the President's Council for the social life of the college, including such behavior problems as arise from time to time.

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## MUSIC

### Women's Choral Club

The Women's Choral Club is an organization of women selected by examination. Any student is eligible if she meets the requirements, but the total number must not exceed fifty members. This club appears in concert during the year and aids in other musical performances of the college.

### Men's Glee Club

Admission to this club is by examination in the ability to sight-sing and to read music written in four parts. The total number of men in this organization is determined by the director, proper balance of the different parts being the deciding factor. The club gives a concert each year, followed by a tour. It is necessary for all members of this organization to enroll for at least two semesters.

### College Band

This group plays for all the home football games and at least two away from the campus. The band also drills, forming letters of all the visiting colleges. During the first semester this group is primarily a marching band, but during the second semester it is a concert band, giving at least one concert at the college. The band also plays for numerous occasions during the college year. Admission is by examination in the techniques of the instrument and the ability to read music reasonably well. Bring your instrument to college and apply for admission if interested. The college owns many instruments which may be used by deserving students.

### College Orchestra

This club is open to all students who play an instrument. Admission is by examination in the proper techniques of the instrument and the ability to read music. The group plays for all Chapel exercises, many college functions, and usually gives one complete concert. Students are urged to bring their instruments and apply to the director of music for admission to this group. Certain orchestral instruments owned by the college may be used by students.

There are other small groups, both instrumental and vocal; these include the string quartette; the male quartette; the women's trio; the brass quartette; the string quintette, and the woodwind quintette. Other groups may be arranged for as required.

## ATHLETICS

Ample provision is made for participation by every student, men and women, in one or more forms of activities, and such participation is required of each student each semester.

In addition to out-of-door exercises and the regular training in the gymnasium, the college encourages the following athletic sports for women: archery, hiking, hockey, soccer, basketball, volley ball, baseball, tennis, and swimming.

Intercollegiate competition for men is provided in football, basketball, baseball, track, and tennis, and intramural athletic activities are scheduled in the following sports: basketball, football passing, foul shooting, golf, handball, horseshoes, quoits, shuffleboard, soccer, softball, swimming, table tennis, tennis, volley ball, and water polo.

### Women's Athletic Association

Membership in this organization is earned by a point system in major and minor sports, the purpose being to encourage participation, cooperation, good sportsmanship, and to offer opportunities in leadership training to the women of this college. W.A.A. promotes and participates in Sports Days with neighboring colleges, holds a formal dance, provides special programs in swimming, and dancing for May Day, Homecoming, Alumni Day, etc.

### Men's Athletic Association

All men students interested in athletics are members of this association. The association approves proposed intercollegiate agreements, contracts, and schedules, determines the awarding of insignia, advises as to the athletic budget, determines the eligibility of students for athletic competitions, administers the program of intra-mural sport, promotes interest in and attendance at athletic contests by students and the community, and exercises such other powers and duties as may be delegated by the Athletic Council.

### The Athletic Council

The Athletic Council consists of the athletic adviser, the director of athletics for women, the director of athletics for men, the business manager, and the officers of the two athletic associations. The President of the college is the chairman of the council. The council determines the athletic policy of the college and directs the budgeting of finances for the support of athletics.

## DRAMATICS

### The Masquers

The Masquers is an organization designed for students interested in dramatics. Members are given opportunity not only to take acting parts, but also to direct plays, and to experiment with lighting, make-up, and staging. In 1945-46 the Masquers presented five major productions as well as one-act plays at the regular weekly meetings of the organization. Membership is limited and determined by competitive try-outs.

## STUDENT PUBLICATIONS

### Campus Reflector

The college news publication appears weekly during the college year and reports news of the student body and faculty. Its purpose is multifold; it aims to provide activity for students whose interest lies in the direction of amateur journalism; it also serves as a forum where controversial subjects may be discussed; it stimulates and maintains student morale; it is especially interested in all activities of creative quality. For the past two years the Reflector has won a high rating in the Columbia Scholastic Press Association contest and the Pennsylvania School Press Association contest.

### The Cumberland

The Cumberland is the annual yearbook edited and published by the senior class and paid for by the Student Cooperative Association. Every registered full-time student receives a copy of this yearbook which represents in word and picture the spirit of the college. Its form varies from year to year.

## RELIGIOUS ACTIVITIES

General religious influences are thrown around the student. One chapel period each week is a devotional period including Scripture reading, hymn singing, and prayer.

### The Campus Christian Association

This association is open to men and women and to day and boarding students alike, is undenominational in character and assumes the leadership of religious activity in the college. This Association provides a religious service every Sunday evening at 6 o'clock which closes in time for students to attend evening church worship. All students are urged to affiliate

themselves with the church of their choice, engage in the activity of the church, and attend its services on Sunday.

#### **The Bible Training Class**

This class, under competent leadership, is held weekly and provides opportunity for Bible study and group discussion and the development of a sound basis of Christian ethics for Christian living.

### **C L U B S**

#### **Archery Club**

This is a new organization sponsored by the W.A.A. but including both men and women. Membership is limited to thirty, and prospects try out before a group of judges. Entrance requirements were set up by charter members. Shippensburg is a member of the National Archery Association. Club members conduct meets with neighboring colleges, participate in telegraphic meets, and so stimulate better performance in this sport which is so rapidly gaining popularity all over the country.

#### **Art Association**

As an extra-curricular organization of the college, this club is maintained for the benefit of those students who are interested in some phase of art activity. It has for its objectives the growth of art appreciation, the development of talent beyond that which the classroom offers, and participation in many college-sponsored activities, such as, decorating for college dances and entertainments, painting stage scenery for dramatic productions, designing posters, presenting art fairs and exhibits, and visiting New York and other art centers to view important art collections.

The club meets weekly on Tuesday afternoons to discuss the work of the various committees which function within the association. New projects and activities are considered at each meeting, and past work is criticized and judged. The faculty sponsor endeavors to maintain a spirit of cooperation among the various groups within the organization in order to bring the full aid of the club to any current project or activity for the benefit of the club itself or any other department of the college.

#### **The Business Education Club**

This is one of the leading clubs on the Campus, and is open to all students in the Business Education Department. Its objectives are to encourage scholarship, to make contact with leaders

in the field of commerce, to sponsor social activities and to plan an annual field trip to New York City for seniors to visit representative retail establishments, high schools, museums, theaters, and other places of interest.

Regular programs featuring speakers, films, and demonstrations are sponsored. The social program consists of teas, parties, speakers of prominence in the business world, theater parties, and picnics.

### English Club

The membership of this club is made up of students interested in the field of English. The programs are concerned with poetry, short story, novel, drama, and journalism. Each year the club attends at least one professional theatrical production, and when possible avails itself of opportunities to hear and meet literary personages.

### Euclidian Club

This organization, named for the early Greek mathematician, Euclid, is an extra-curricular activity for students who are preparing to teach mathematics.

### French Club

This extra-curricular organization of students interested in French meets weekly and presents a variety of programs, usually in French.

### Gamma Delta Gamma

The debating club consists of students interested in debating. All students are eligible for membership. During the first semester one hour each week is devoted to debate practice, study of the intercollegiate debate question, and preparation for a debate tournament in December, in which the teams have been participating each year. In the second semester the teams engage in about forty intercollegiate debates, some at home and some on trips into neighboring states.

### Gamma Theta Upsilon

This fraternity is of national character devoted to developing interest in the field and furthering the study of geography. It is symbolic of the challenge which geography offers "of the earth," "from the sky," and "under the sky."

### The Intercollegiate Conference on Government

This group consists of students who participate in three-day sessions of the Intercollegiate Conference in Harrisburg late in April. Students from about thirty Pennsylvania colleges and universities participate in the work of a model governmental body, such as a legislature, constitutional convention, or a national party convention, thus learning by doing. During the second semester the student group meets one hour weekly in preparation for active part in the Harrisburg conference.

### International Relations Club

A group of students is organized under the auspices of the Carnegie Endowment for International Peace for the study and discussion of international affairs. Club members make addresses and conduct forums on world affairs in neighboring high schools. Delegates are sent to the Eastern States' Regional Conference. Visiting speakers are brought to the campus for a weekend International Relations' Conference each spring. Regular weekly meetings, Tuesday 4:15 to 5:15.

### Mathematics Club

The Mathematics Club aims to promote a greater interest in mathematics among its members and in the college. The work of the club includes a study of important phases of the history of mathematics, the social significance of the subjects, mathematical recreations, and other activities of a mathematical nature. The club is open to all students interested in mathematics.

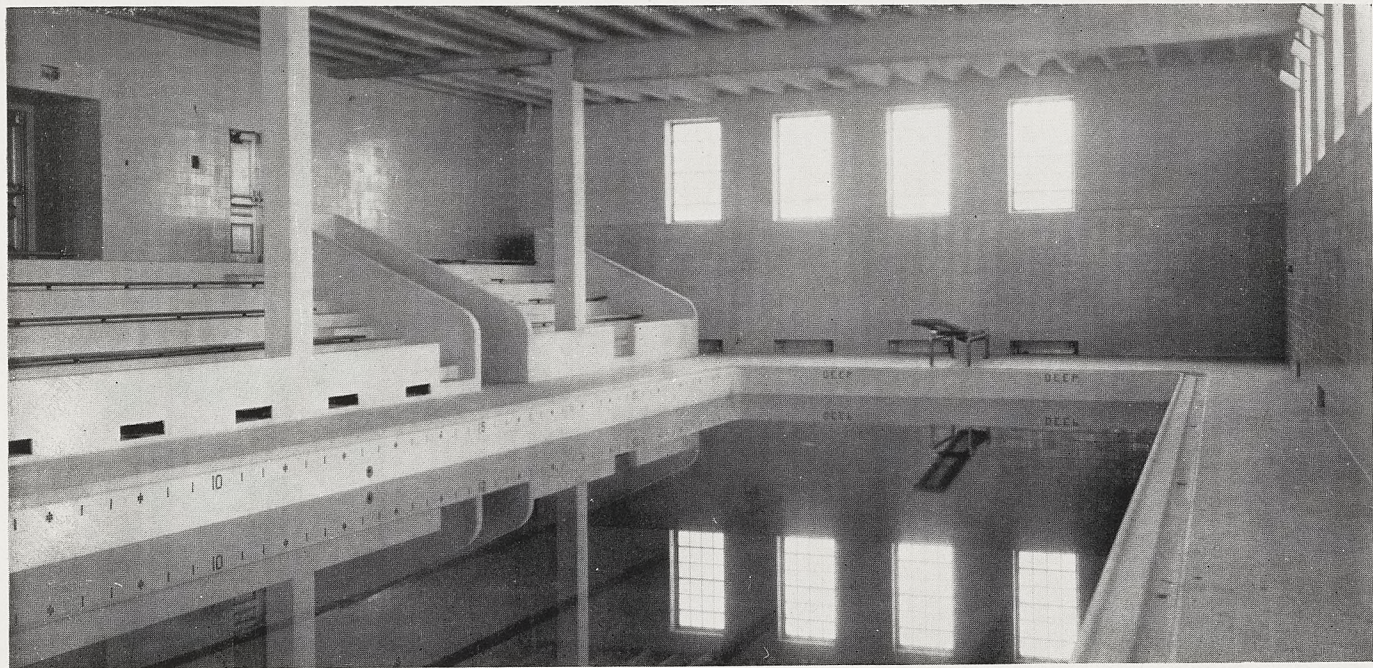
### Kappa Delta Pi

The Epsilon Epsilon Chapter of Kappa Delta Pi was installed on May 25, 1941. Kappa Delta Pi is a national honor society in education and was formed to encourage high intellectual standards and to recognize outstanding contributions to education. To be eligible for membership, high scholarship and membership in the junior class must have been achieved.

### Phi Sigma Pi

This is a national honor fraternity introduced at Shippensburg in 1931. Membership may be gained by students who have been in residence a year or more and who are able to meet the scholastic, social, and citizenship requirements.





SWIMMING POOL, ALUMNI GYMNASIUM

### Phi Sigma Chi

This is a club made up of men who wish to be of outstanding service to the college. The club limits its members to thirty-six. In order to become a member of this organization it is necessary to maintain a scholastic average of C and to serve the college faithfully and well in at least one extra curricular activity each semester. Club projects are determined by the officers and two faculty advisers.

### Pi Omega Pi

The Beta Lambda Chapter of Pi Omega Pi, a national honor scholastic fraternity in Business Education, was installed on March 18, 1944. Its purposes are to encourage, promote, extend, and create interest in high scholarship in the field of commerce; to aid civic betterment; to encourage and foster high ethical standards in business and professional life; and to teach the ideal of service as the basis of all worthy enterprise. Of these, scholarship is considered of primary importance.

Eligibility for membership includes an expressed intention to teach in the field of commerce and the completion, with a superior rating, of fifteen semester hours in commerce and education.

### The Round Table

Membership is open to any student interested in discussing books and in gaining practical library experience. Each member works one hour a week in the library. Meetings are held once a month for social purposes or for book reviews.

### Spanish Club

This organization of students meets weekly and presents a variety of programs, usually in Spanish.

### Swimming Club

This club is sponsored by the W.A.A. for women who wish instruction in advanced swimming. The club also sponsors sport days, demonstrations, and recreational meets with neighboring colleges. Courses in senior lifesaving are given and certificates awarded.

## GENERAL ALUMNI ASSOCIATION

President .....	MARK BURKHART, '23, Carlisle, Pa.
Immediate Past President.....	CHARLES R. EURICH, '20 Shippensburg, Pa.
First Vice President....	ROSS L. NEAGLEY, '29, Wilmington, Del.
Second Vice President....	JERRY F. TROSTLE, '13, Johnstown, Pa.
Secretary.....	MYRA ESH, '26, Shippensburg, Pa.
Treasurer.....	ERMA K. ROLAR, '18, Shippensburg, Pa.

*The above officers of the Association are ex-officio  
members of the Executive Committee*

## EXECUTIVE COMMITTEE

JESSIE S. HEIGES, '91.....	Collegeville, Pa.
PAUL S. LEHMAN, '21.....	Lewistown, Pa.
ROSE McCAHAN, '36.....	Saxton, Pa.

Term Expires Alumni Day 1946

RALPH SWAN, '31.....	New Bloomfield, Pa.
FRANK R. MARKLEY, '12.....	Swarthmore, Pa.
W. MICHAEL WEADER, '33.....	McClure, Pa.

Term Expires Alumni Day 1947

H. FRANK HARE, '17.....	Camp Hill, Pa.
G. W. LEFEVER, '17.....	Gettysburg, Pa.
WINIFRED MILLER KITCHEN, '20.....	Harrisburg, Pa.

Term Expires Alumni Day 1948

## ALUMNI COUNCIL

Appointed by the Executive Committee of the General Alumni Association

High School	County	Alumnus
Altoona	Blair	Kenneth R. Bashore
Ambler	Montgomery	Earl Baker
Bedford	Bedford	Lester E. Croft and Ross K. Snyder
Berrysburg	Dauphin	Thomas A. Schade
Biglerville	Adams	L. V. Stock
Blain	Perry	Jesse Snyder
Boiling Springs	Cumberland	W. G. Rice
Burnham	Mifflin	Mrs. Carl Hambright
Camp Hill	Cumberland	Mrs. Nina R. Hamilton
Carlisle	Cumberland	Mary Yeager and C. M. Gillaugh
Chambersburg	Franklin	J. Frank Faust
Cheltenham Township	Montgomery	Jean Davis
Darby	Delaware	John Neely
Defiance, Broadtop Township	Bedford	Drexell Black
Dillsburg	York	Mrs. John Arnsberger
Dover	York	Chester Greist
Dry Run	Franklin	William Shearer
Duncannon	Perry	Dorothy Hamilton
East Berlin	Adams	Elmer M. Gruver
Elizabethville	Dauphin	Mrs. Cora Eby Geiss
Enola, East Pennsboro Twp.	Cumberland	Eugene Wingert
Fairfield	Adams	Mary L. Scott
Fallsington	Bucks	H. C. Neagley
Fannettsburg, Metal Township	Franklin	Norman Bushey
Gettysburg	Adams	G. W. Lefever
Glen Nor	Delaware	Gail A. Gorsuch
Granville Township	Mifflin	J. Lindsay Snider
Greencastle	Franklin	William Conrad
Halifax	Dauphin	F. M. Barrick
Hanover	York	Esther E. Kapp
Harrisburg	Dauphin	Charles H. Ebner
William Penn	Dauphin	Paul Faust
John Harris	Dauphin	A. Sterling King
Hershey	Dauphin	Tyrell Robinson
Highspire	Dauphin	Griff Jones, Jr.
Hollidaysburg	Blair	Dulce Moore
Hopewell	Bedford	Mrs. Frank M. Magill
Huntingdon	Huntingdon	Everett McVicker
Hyndman	Bedford	
Johnstown	Cambria	Olive Chuchek
Landisburg	Perry	Monroe S. E. Gobrecht
Langhorne	Bucks	Mary E. Lewis

High School	County	Alumnus
Lansdowne	Delaware	Roy Kraber
Lemaster	Franklin	Jacob Brake
Lemoyne	Cumberland	Pearl Green
Lewistown	Mifflin	Calder Geedy-John Morris
Liverpool	Perry	Gertrude Shuler
Lower Merion	Montgomery	Harold Kline
Lower Paxton Twp., Colonial Park	Dauphin	Henry L. Rupp
Lykens	Dauphin	C. R. Coyle
McClure	Snyder	W. Michael Weader
McConnellsburg	Fulton	Harold Welsh and Claude Mellott
McVeytown	Mifflin	John A. Miller
Martinsburg	Blair	Amy Keiter
Marysville	Perry	Leonora Stante
Mechanicsburg	Cumberland	Maclay Kelly
Mercersburg	Franklin	Mrs. Glenn Garnes
Middletown	Dauphin	S. A. Johnston
Mifflintown	Juniata	Charles Raffensberger
Millerstown	Perry	Robert McPherson
Millersburg	Dauphin	Catherine Hublely and Harold Gottshall
Milroy	Mifflin	Mrs. J. Lindsay Snider
Morrisville	Bucks	Raymond Schwinger
Mount Union	Huntingdon	Lola Pheasant Weyant
New Bloomfield	Perry	Ralph Swan
New Cumberland	Cumberland	Walter S. Bailets
Newport	Perry	Walter Cressler
Newtown	Bucks	Alexander Kassay
Newville	Cumberland	C. E. Hassler
Orbisonia	Huntingdon	John W. Miller
Penbrook	Dauphin	Adam Hoover
Petersburg	Huntingdon	Henry J. Stoudt
Port Royal	Juniata	Mrs. E. L. Beaver
Quincy	Franklin	Roger C. Mowrey
Radnor Township, Wayne	Delaware	Barbara Oyer
Red Lion	York	Harvey Becker
Reedsville	Mifflin	Joyce Bomgardner
Roaring Spring	Blair	Mildred G. Beegle
Robertsdale	Huntingdon	Hazel Angle
Saltillo	Huntingdon	Mrs. Louise Cornelius
Saxton-Liberty	Bedford	Rose McCahan
Scotland Orphans School	Franklin	Robert Maclay
Sharon Hill	Delaware	Helen M. Hefner
Shippensburg	Cumberland	C. R. Eurich
Spring Grove	York	Luther Yohe
Steelton	Dauphin	Mark Sleichter
St. Thomas	Franklin	Evelyn Lamaster Shatzer
Susquehanna Twp., Progress	Dauphin	Russell Roddy
Swatara Township, Oberlin	Dauphin	Dorothy Shope

Tyrone  
Twin Rocks

Warfordsburg  
Washington Twp., Waynesboro  
Waynesboro  
Wellsville  
Wiconisco  
Williamstown

Yeagertown  
York  
York Springs

Blair  
Cambria

Fulton  
Franklin  
Franklin  
York  
Dauphin  
Dauphin

Mifflin  
York  
Adams

F. Clark Skelly  
William C. Nenninger

Lem Kirk  
Walter Lohman  
Glenn Lehman  
Mrs. H. B. Hetrick  
Lucille Mentzer  
Clayton C. Vogel

James Gibboney  
George Kauffman  
Roy Starry

## ROSTER OF STUDENTS

1945 - 1946

## GRADUATE STUDENTS

Name	Address	County and State
Angle, Fred G.	.....Salttillo	Huntingdon, Pa.
B.S. in Education, '40, Shippensburg S. T. C.		
Barnitz, Janet R.	.....R. D. 5, Carlisle	Cumberland, Pa.
A.B. '44, Smith College		
Berry, H. Roth	.....327 E. Orange St., Shippensburg	Cumberland, Pa.
B.S. in Education, '39, Shippensburg S. T. C.		
Howland, Amos G.	.....301 N. Prince St., Shippensburg	Cumberland, Pa.
B.S. in Education, '41, Shippensburg S. T. C.		
Myers, Stanley E.	.....411 West King St., Shippensburg	Franklin, Pa.
B.S. in Education, '43, Shippensburg S. T. C.		
Ott, Gilmore B.	.....113 S. Queen St., Shippensburg	Cumberland, Pa.
B.S. in Education, '43, Shippensburg S. T. C.		
Reindollar, Robert M.	.....Fairfield	Adams, Pa.
B.S. in Education, '41, Shippensburg S. T. C.		
Shoap, David W.	.....Fayetteville	Franklin, Pa.
B.S. in Education, '42, Shippensburg S. T. C.		
Strayer, Elizabeth J.	.....384 Walnut St., Carlisle	Cumberland, Pa.
B.S. in Physical Education, '44, Boston University		
Porter, William J.	.....Larel Hill Farm, McCre	Cumberland, Pa.
B.S. in Education, '43, Shippensburg S. T. C.		
Wagner, William F.	.....136 N. Queen St., York	York, Pa.
B.S. in Education, '43, Shippensburg S. T. C.		

## CLASS OF 1946

Name	Address	County and State
Arms, Ida Z.	.....Dauphin	Dauphin, Pa.
Arnold, Elaine V.	.....327 S. Newberry St., York	York, Pa.
Baird, Betty J.	.....2829 Sixth Ave., Altoona	Blair, Pa.
Basehoar, Frank E. (s)	.....326 S. Queen St., Littlestown	Adams, Pa.
Bedlyon, Miriam Shoff	.....444 S. Brown St., Lewistown	Mifflin, Pa.
Beible, William W.	.....1511 North 4th St., Harrisburg	Dauphin, Pa.
Born, Doris M. (j)	.....233 W. Main St., Everett	Bedford, Pa.
Bower, Patricia J.	.....R. R. 3, Chambersburg	Franklin, Pa.
Cohen, E. Eloise	.....518 North 25th St., Allentown	Lehigh, Pa.
Contino, Rose	.....734 E. Boundary Ave., York	York, Pa.
Cooper, Martha R. (s)	.....621 High St., Enhaut	Dauphin, Pa.
Ebersole, Sylvia	.....R. D. 1, East Berlin	Adams, Pa.
Gardner, Virginia M. (s)	.....212 Walnut Road, Chester	Delaware, Pa.
Goyt, Mary E.	.....37 Richard Ave., Shippensburg	Cumberland, Pa.
Haas, Lillian E.	.....834 S. Cameron St., Harrisburg	Dauphin, Pa.
Hartman, Eugene R.	.....310 E. King St., Shippensburg	Cumberland, Pa.
Hartman, Jean Morgan (s)	.....310 E. King St., Shippensburg	Cumberland, Pa.
Heagy, Diana L. (j)	.....66 North 18th St., Harrisburg	Dauphin, Pa.
Heintzleman, Mary	.....Fayetteville	Franklin, Pa.
Hoopert, Grantas E. (wl)	.....Hustontown	Fulton, Pa.
Howland, Erwin W. (s)	.....301 N. Prince St., Shippensburg	Cumberland, Pa.

Janton, Lillian A (s).....	4918 Warrington Ave., Philadelphia.....	Philadelphia, Pa.
Kegg, Ray E. ....	R. D. 3, Bedford.....	Bedford, Pa.
Kindig, Phyllis L. (j).....	335 Garfield St., York.....	York, Pa.
Klucker, Phyllis L.....	448 N. Hanover St., Carlisle.....	Cumberland, Pa.
Knox, Robert R. (s).....	334 E. Washington St., Gettysburg.....	Adams, Pa.
Lamancusa, Carmelo M.....	209 13th St., Altoona.....	Blair, Pa.
Lehman, Charles E. (s).....	215 Felton Ave., Collingdale.....	Delaware, Pa.
Long, Roland E.....	R. D. 2, Millerstown.....	Perry, Pa.
McVitty, Mary C.....	R. R. 1, Chambersburg.....	Franklin, Pa.
Means, Jeannette E.....	R. R. 1, Shippensburg.....	Cumberland, Pa.
Melhorn, Ernest F. (s).....	22 N. Highland Ave., York.....	York, Pa.
Miller, Jean L.....	R. D. 2, Box 77K, Altoona.....	Blair, Pa.
Miller, Pearl (j).....	75 N. Franklin St., Pottstown.....	Montgomery, Pa.
Miller, Rachel M.....	9 S. Fayette St., Shippensburg.....	Cumberland, Pa.
Miller, Sarah Seitz.....	Twin Acres, R. D. 1, Chambersburg.....	Franklin, Pa.
Oiler, E. Lee.....	33 Parsonage St., Newville.....	Cumberland, Pa.
Ott, Elizabeth M.....	113 S. Queen St., Shippensburg.....	Cumberland, Pa.
Rebok, John A. (s).....	219 S. Main St., Chambersburg.....	Franklin, Pa.
Rohr, Jeremiah D. (j).....	North Morris St., Shippensburg.....	Franklin, Pa.
Schade, Thomas A. (j).....	West Main St., Berrysburg.....	Dauphin, Pa.
Shambaugh, Jeanne R. (j).....	545 Hummel Ave., Lemoyne.....	Cumberland, Pa.
Sheely, A. Elizabeth.....	539 Lincoln Way East, Chambersburg.....	Franklin, Pa.
Shellenbargar, Phyllis J.....	2826 Spruce Ave., Altoona.....	Blair, Pa.
Singley, E. Louise.....	Arendtsville.....	Adams, Pa.
Statler, Maynard W. (s).....	R. R. 1, Greencastle.....	Franklin, Pa.
Whippo, Wanda J. ....	950 29th St., Altoona.....	Blair, Pa.
Young, William A. ....	2634 Jefferson St., Harrisburg.....	Dauphin, Pa.
Zimmerman, Lois V.....	Irving Col. Apts. A-13, Mechanicsburg.....	Cumberland, Pa.

## CLASS OF 1947

Aspinwall, Wallace.....	713 4th Ave., Altoona.....	Blair, Pa.
Babcock, Olive E.....	609 Brandon Ave., Williamsport.....	Lycoming, Pa.
Bair, Phyllis B.....	Spring Run.....	Franklin, Pa.
Baird, Mary A.....	2829 Sixth Ave., Altoona.....	Blair, Pa.
Bittinger, Anna E.....	R. D. 1, Newburg.....	Cumberland, Pa.
Blatt, Wallace O.....	Mount Union.....	Huntingdon, Pa.
Bower, Hilda M.....	R. R. 3, Chambersburg.....	Franklin, Pa.
Bream, Maurice E.....	R. D. 4, Gettysburg.....	Adams, Pa.
Brenneman, Pauline M.....	202 S. Fayette St., Shippensburg.....	Franklin, Pa.
Brindle, Ernest W., Jr.....	Box 244, Biglerville.....	Adams, Pa.
Brooks, Hazel O.....	Klingerstown.....	Schuylkill, Pa.
Brumbaugh, Alice M.....	168 S. Washington St., Greencastle.....	Franklin, Pa.
Butler, Jane C.....	616 6th Ave., Juniata, Altoona.....	Blair, Pa.
Coffman, Dalton R.....	121 Washington St., Shippensburg.....	Cumberland, Pa.
Contino, John L.....	734 E. Boundary Ave., York.....	York, Pa.
Crayton, Pearl M.....	421 Lincoln St., Steelton.....	Dauphin, Pa.
Ditmer, Wendell P.....	413 N. College St., Carlisle.....	Cumberland, Pa.
Drucker, Phyllis J.....	8100 Brookside Rd., Elkins Park.....	Montgomery, Pa.
Fearen, Alice M.....	103 Fox St., Progress, Harrisburg.....	Dauphin, Pa.
Fogelsanger, Anna R.....	473 E. Liberty St., Chambersburg.....	Franklin, Pa.
Gross, Niles L.....	R. D. 1, Lewisberry.....	York, Pa.
Hewitt, Downs E.....	3750 39th St., N. W., Washington.....	Dist. of Columbia
Humelsine, Thomas H.....	141 Garber St., Chambersburg.....	Franklin, Pa.
Johnson, Arlene A.....	Liverpool.....	Perry, Pa.
Kauffman, Bernard H.....	411-A Walnut St., Harrisburg.....	Dauphin, Pa.



King, James W.	330 E. Queen St., Chambersburg	Franklin, Pa.
Kitzmiller, Robert B.	312 Walnut St., Shippensburg	Cumberland, Pa.
Kriner, H. Jean	3501 Wendover Way, Mansion Pk., Altoona	Blair, Pa.
Laughlin, Marjorie J.	R. D. 2, Box 170-E, Altoona	Blair, Pa.
Lehman, Phyllis Hoke	44 N. Hartman St., York	York, Pa.
Leonard, Dorothy M.	593 Madison Ave., York	York, Pa.
Nash, Robert C.	Box 194, Blair Road, Hatboro	Montgomery, Pa.
Owen, Robert C.	Landisburg	Perry, Pa.
Piccolo, Albert P.	1531 N. Third St., Harrisburg	Dauphin, Pa.
Plack, Nellie R.	330 Hummel St., Harrisburg	Dauphin, Pa.
Powell, Homer E.	R. R. 1, Warfordsburg	Fulton, Pa.
Ramsey, A. Cyril	5123 Broad Ave., Altoona	Blair, Pa.
Ramsey, Richard M.	R. R. 2, Chambersburg	Franklin, Pa.
Rankin, Anna K.	208 Penn St., Huntingdon	Huntingdon, Pa.
Reinheimer, Clara M.	R. R. 6, Carlisle	Cumberland, Pa.
Rice, H. Dale	Landisburg	Perry, Pa.
Rider, Alethea	23 Park Ave., Littlestown	Adams, Pa.
Rineard, Kenneth T., Jr.	543 Seneca St., Harrisburg	Dauphin, Pa.
Robinson, Harry J.	R. R. 2, Shippensburg	Cumberland, Pa.
Roddick, John M.	R. R. 2, Shippensburg	Cumberland, Pa.
Sabo, William A.	1323 W. Auburn St., Philadelphia 32	Philadelphia, Pa.
Sanderson, John C.	2322 North 4th St., Harrisburg	Dauphin, Pa.
Shively, Harriett L.	R. R. 1, Chambersburg	Franklin, Pa.
Smith, Frank P.	Dickinson	Cumberland, Pa.
Sollenberger, Esther M.	R. D. 2, Chambersburg	Franklin, Pa.
Stewart, A. Marguerite	Parkview Apts D34, Harrisburg	Dauphin, Pa.
Stewart, John R.	331 Fort St., Shippensburg	Cumberland, Pa.
Strohm, Earl G.	812 Bell Ave., Altoona	Blair, Pa.
Stumbaugh, Dorothy L.	145 S. Carlisle St., Greencastle	Franklin, Pa.
Taylor, Jane Klepser (w2)	218 Briggs St., Harrisburg	Dauphin, Pa.
Wagner, Miriam L.	R. D. 2, Mifflintown	Juniata, Pa.
Wambaugh, Jean	Bedford	Bedford, Pa.
Weibley, C. Louise	Ickesburg	Perry, Pa.
Wolfe, Fred O.	R. D. 1, York	York, Pa.
Wolfgang, Floyd E.	Lavelle	Schuylkill, Pa.
Zubovic, Lewis	R. D. 2, Harrisburg	Dauphin, Pa.

## CLASS OF 1948

Allen, Alice G.	Scotland	Franklin, Pa.
Barnhart, Doris M.	Hollar Ave., Shippensburg	Cumberland, Pa.
Bateman, Nancy L. (wl)	635 E. Main St., Lykens	Dauphin, Pa.
Bemisderfer, Virginia Lee	R. R. 3, Greencastle	Franklin, Pa.
Boyles, Betty L.	R. D. 4, Carlisle	Cumberland, Pa.
Breon, Elinore M.	20 Stewart Place, Shippensburg	Franklin, Pa.
Bridge, June E.	101 E. Parkway Ave., Chester	Delaware, Pa.
Buller, Elizabeth L.	236 Emerald St., Harrisburg	Dauphin, Pa.
Carst, Ruth C.	Valley St., Marysville	Perry, Pa.
Chucheck, Rudolph C.	442 Ohio St., Johnstown	Cambria, Pa.
Cramer, Janet M. (wl)	67 W. Catherine St., Chambersburg	Franklin, Pa.
Cronican, Virginia A.	52 E. Ridge St., Carlisle	Cumberland, Pa.
Denkovich, Anna	600 W. Market St., Williamstown	Dauphin, Pa.
Diamond, S. George	807 North 18th St., Harrisburg	Dauphin, Pa.
Eberly, Jean M.	17 E. Burd St., Shippensburg	Cumberland, Pa.
Eberts, V. Jean	119 Hoerner St., Harrisburg	Dauphin, Pa.
Evans, Kathryn L.	Aspers	Adams, Pa.
Frey, M. Carolyn	629 S. Hanover St., Carlisle	Cumberland, Pa.
Gannarelli, Adeline	103 East Fifth Ave., Altoona	Blair, Pa.

Good, Joyce M. ....	1218 S. Pine St., York.....	York, Pa.
Grove, Mary E. ....	St. Thomas .....	Franklin, Pa.
Haas, Sarah E. ....	403 E. Market St., Williamstown.....	Dauphin, Pa.
Henry, Jean N. ....	220 N. Prince St., Shippensburg.....	Cumberland, Pa.
Hockersmith, June (w-2).....	129 W. King St., Shippensburg.....	Cumberland, Pa.
Knepper, Dorothy M. ....	Waterfall .....	Fulton, Pa.
Kochenour, Robert W. ....	R. D. 1, New Cumberland .....	York, Pa.
Kohr, Lee H. ....	Newburg .....	Cumberland, Pa.
Koser, Mary L. ....	2303 Walnut St., Harrisburg.....	Dauphin, Pa.
Krebs, John L. ....	College Campus, Shippensburg.....	Cumberland, Pa.
Linsky, Wilda .....	202 N. Prince St., Shippensburg.....	Cumberland, Pa.
McBeth, Lee D. ....	Walnut Bottom .....	Cumberland, Pa.
McClellan, Emmert F. ....	Mountain Lake Inn, Fannettsburg.....	Franklin, Pa.
Muir, Roderick A. ....	1138 High St., Pittsburgh.....	Allegheny, Pa.
Myers, Ethel M. ....	R. D. 4, York .....	York, Pa.
Newman, Clarke L. ....	540 North Sixth St., Allentown.....	Lehigh, Pa.
Patterson, Erma K. ....	340 Ringgold St., Waynesboro.....	Franklin, Pa.
Phillips, Dora V. ....	354 W. Broad St., Williamstown.....	Dauphin, Pa.
Pisle, Janet E. ....	R. R. 5, Chambersburg .....	Franklin, Pa.
Roberts, Silvia M. ....	1432 North Second St., Harrisburg.....	Dauphin, Pa.
Robinson, Shirley E. ....	7319 Oak Lane Road, Melrose Park.....	Montgomery, Pa.
Rockwell, Clara D. ....	R. R. 3, Mercersburg.....	Franklin, Pa.
Shahan, Bertha L. ....	221 Redwood St., Harrisburg.....	Dauphin, Pa.
Shaub, Matilda E. ....	2030 North Fifth St., Harrisburg.....	Dauphin, Pa.
Smith, Helen L. ....	State Hospital, Harrisburg.....	Dauphin, Pa.
Sowers, Charles L. ....	3 North Morris St., Shippensburg.....	Cumberland, Pa.
Steger, Helen K. ....	313 9th St., New Cumberland.....	Cumberland, Pa.
Strunk, Paul E. ....	1729 Market St., Ashland .....	Schuylkill, Pa.
Taylor, Evelyn M. ....	R. D. 1, Biglerville .....	Adams, Pa.
Weaver, Martha E. ....	122 N. Penn St., Shippensburg.....	Cumberland, Pa.
Wenger, M. Gloria .....	R. R. 1, Shippensburg.....	Cumberland, Pa.

## CLASS OF 1949

*Abrashoff, Donald .....	Box 13, Mount Union .....	Huntingdon, Pa.
Albright, Lucille R. ....	Brodbecks .....	York, Pa.
*Allen, John H. ....	59 W. Queen St., Chambersburg.....	Franklin, Pa.
Amatulli, Angela K. ....	7½ S. Division St., Mount Union.....	Huntingdon, Pa.
*Appenzellar, William S. (w2).....	246 S. Second St., Chambersburg.....	Franklin, Pa.
Austin, Richard C. ....	11 S. Thomas Street, Bellefonte.....	Centre, Pa.
Bair, Mary Jane .....	Littlestown .....	Adams, Pa.
*Baker, Glenn S. ....	121 Herman Ave., Lemoyne.....	Cumberland, Pa.
Bedlyon, Boyd F., Jr. ....	444 S. Brown St., Lewistown .....	Mifflin, Pa.
Bentz, Ruth E. ....	3903 Jonestown Rd., Harrisburg.....	Dauphin, Pa.
*Bilys, James M. ....	Stewart Place, Shippensburg .....	Franklin, Pa.
*Blondell, Frances B. ....	R. D. 2, Lititz .....	Lemaster, Pa.
Brindle, Dale L. ....	256 E. Garfield St., Shippensburg.....	Cumberland, Pa.
Brindle, Fern E. ....	256 E. Garfield St., Shippensburg.....	Cumberland, Pa.
*Brown, E. Marie (w2).....	768 Broad St., Chambersburg .....	Franklin, Pa.
Buhrman, Rose M. ....	R. R. 1, Box 7, Waynesboro.....	Franklin, Pa.
*Chaney, A. Francis.....	Hopewell .....	Bedford, Pa.
Clapper, Sylvia L. ....	513 Union St., Hollidaysburg.....	Blair, Pa.
Clem, Winifred J. ....	222 Abington Ave., Glenside.....	Montgomery, Pa.
Correl, Doris Jean.....	175 W. King St., Chambersburg.....	Franklin, Pa.
Dawson, Julia E. ....	1539 Vernon St., Harrisburg.....	Dauphin, Pa.
*DeShong, Delores E. ....	McConnellsburg .....	Fulton, Pa.
DeShong, Dora A. ....	McConnellsburg .....	Fulton, Pa.
Ditzel, B. Jane .....	247 Webster Ave., Carlisle .....	Cumberland, Pa.
*English, Robert E. ....	711 25th St., Altoona .....	Blair, Pa.
Erdman, Elsie E. ....	329 Market St., Lykens .....	Dauphin, Pa.
Erwin, Florence D. ....	28 S. 16th St., Harrisburg.....	Dauphin, Pa.

Falkler, Helen G.	654 E. Mason Ave., York	York, Pa.
Felker, F. Joyce	544 Center St., Chambersburg	Franklin, Pa.
Fenstermacher, M. Carol	R. D. 2, New Bloomfield	Perry, Pa.
Finkbone, Alice M. (w1)	2818 Boas St., Harrisburg	Dauphin, Pa.
Fleming, Shirley E. (w1)	231½ Baltimore St., Gettysburg	Adams, Pa.
Flickinger, C. Leona	Blain	Perry, Pa.
Flohr, Harry G.	R. D. 2, Shippensburg	Cumberland, Pa.
Fogal, Lois E.	Neelyton	Huntingdon, Pa.
*Fogal, Mary K. (w2)	Neelyton	Huntingdon, Pa.
*Foose, LeRoy D.	29 N. Penn St., Shippensburg	Cumberland, Pa.
Fordney, Nancy E. (w2)	141 Enola Drive, Enola	Cumberland, Pa.
Fox, June M.	R. D. 1, Etters	York, Pa.
*Francis, Robert M.	8 Water St., Mount Union	Huntingdon, Pa.
Frommeyer, Isabel M.	R. R. 3, Chambersburg	Franklin, Pa.
*Fuller, Mearns T.	318½ E. Burd St., Shippensburg	Cumberland, Pa.
Garmon, Clair M.	R. R. 3, Shippensburg	Franklin, Pa.
Gipe, William G.	709 Broad St., Chambersburg	Franklin, Pa.
Goodling, Charles E.	123 S. Clinton St., York	York, Pa.
Goodloe, Carey R. (w1)	259 N. Jonathan St., Hagerstown	Maryland
Gordon, Herman L.	610 Maclay St., Harrisburg	Dauphin, Pa.
*Goyt, Bruce A.	37 Richard Ave., Shippensburg	Cumberland, Pa.
*Gutshall, Gerald J.	606 E. Walton Ave., Altoona	Blair, Pa.
Gutshall, Shirley F.	Blain	Perry, Pa.
Harlacker, Evelyn E.	R. D. 1, Wellsville	York, Pa.
Harmon, Louise E.	431 Cumberland Ave., Chambersburg	Franklin, Pa.
*Harris, Caleb J.	157 S. 32nd St., Camp Hill	Cumberland, Pa.
Harrison, Winifred L.	709 South 21st St., Harrisburg	Dauphin, Pa.
Hartman, Barbara A.	122 W. Pennsylvania Ave., Mt. Union	Huntingdon, Pa.
Hartman, S. Helen	R. R. 3, Gettysburg	Adams, Pa.
Hash, J. Irene	Lewistown	Mifflin, Pa.
Haslett, Byard A.	5620 California Ave., Altoona	Blair, Pa.
Heberlig, Vivian G.	Newburg	Cumberland, Pa.
Heller, L. Fay (w1)	R. R. 3, Gettysburg	Adams, Pa.
*Henry, Harold R.	24 S. Washington St., Shippensburg	Cumberland, Pa.
Hershberger, C. Louise (w2)	241 W. Main St., Everett	Bedford, Pa.
Hershberger, M. Ruth (w2)	241 W. Main St., Everett	Bedford, Pa.
*Holden, Raymond E.	312 South 4th St., Chambersburg	Franklin, Pa.
*Holtz, Robert F.	259 W. Maple St., York	York, Pa.
*Hoover, John H.	2333 N. Fourth St., Harrisburg	Dauphin, Pa.
Howard, Mary L.	510 Calder St., Harrisburg	Dauphin, Pa.
Jones, Diana E.	2445 North Fourth St., Harrisburg	Dauphin, Pa.
Jones, Margaret E.	67 W. Catherine St., Chambersburg	Franklin, Pa.
*Kann, Edward Jr.	Main St., Emigsville	York, Pa.
Keller, Betty Jane	35 W. King St., Chambersburg	Franklin, Pa.
Kerns, Doris E.	R. R. 3, Shippensburg	Franklin, Pa.
Kessler, Marlin H.	134 S. Market St., Elizabethtown	Lancaster, Pa.
King, Nevis Jane	Littlestown	Adams, Pa.
Kite, Ellwood H.	70 North Broad St., Penns Grove	New Jersey
*Knapp, Richard	14 W. Logan St., Bellefonte	Centre, Pa.
Koehler, Paul F.	5033 Spruce St., Philadelphia	Philadelphia, Pa.
Kurtz, Jeannette E.	Boiling Springs	Cumberland, Pa.
Leach, Wallace	105 S. Prince St., Shippensburg	Cumberland, Pa.
Lease, F. Virginia	450 Pennsylvania Ave., York	York, Pa.
Lehmer, Portia I.	436 Market St., Lemoyne	Cumberland, Pa.
Lemaster, R. W., Jr. (w2)	122 N. Prince St., Shippensburg	Cumberland, Pa.
Leisinger, Clarence F.	101 E. North St., Waynesboro	Franklin, Pa.
Leshner, Charles E.	202 W. King St., Shippensburg	Cumberland, Pa.
Levine, Shirley F.	882 26th St., Altoona	Blair, Pa.
*Leightner, Charles G.	70 W. South St., Carlisle	Cumberland, Pa.
Lightner, I. Ann	390 E. Washington St., Chambersburg	Franklin, Pa.
Linn, Ray W. (w1)	29 Richard Ave., Shippensburg	Cumberland, Pa.
Loyall, James L.	123 Francis Ave., Wayne	Delaware, Pa.
Lubold, Rose M.	R. D. 2, Halifax	Dauphin, Pa.
*McCrae, Joseph W.	Orrstown	Franklin, Pa.
McCrae, LeRoy D.	Orrstown	Franklin, Pa.
Martin, Mary I. (w1)	R. D. 4, Carlisle	Cumberland, Pa.

Martin, Pearl L.	R. D. 2, Chambersburg	Franklin, Pa.
*Martin, Robert J.	310 E. Garfield St., Shippensburg	Cumberland, Pa.
Means, Marjorie W.	R. R. 1, Shippensburg	Cumberland, Pa.
*Michaels, Philip L.	282 Lincoln Way West, Chambersburg	Franklin, Pa.
*Middlekauff, Frank E.	138 N. Earl St., Shippensburg	Cumberland, Pa.
Miller, Robert R.	Twin Acres, R. R. 1, Chambersburg	Franklin, Pa.
Myers, Joyce E.	R. D. 4, York	York, Pa.
Naugle, William E.	609 W. King St., Shippensburg	Franklin, Pa.
*Oliver, Walter J.	261 Park Ave., Chambersburg	Franklin, Pa.
Owens, Mary Anne	137 S. West St., York	York, Pa.
Penrod, Laura A.	R. R. 2, Everett	Bedford, Pa.
Prince, Mildred H.	Moreland Rd., Hatboro	Montgomery, Pa.
Quaranta, Angelo J.	124 E. High St., Bellefonte	Centre, Pa.
Ransom, Dorothy M.	38 W. South St., Chambersburg	Franklin, Pa.
*Reddig, Walter B.	107 N. Washington St., Shippensburg	Cumberland, Pa.
*Remaly, John M.	713 S. Queen St., York	York, Pa.
Rhone, D. Harry, Jr.	High St., Newburg	Cumberland, Pa.
*Richter, Stanley M.	154 W. Jackson St., York	York, Pa.
Richter, Dorothy L.	5 Woodland Ave., Lewistown	Mifflin, Pa.
Riley, Joyce S.	1523 Wilson Ave., Bristol	Bucks, Pa.
Rinker, Austin G.	250 E. Queen St., Chambersburg	Franklin, Pa.
*Roll, Michael	E. Water St., Mount Union	Huntingdon, Pa.
Rudy, Stella K.	Canal St., Royalton	Dauphin, Pa.
Schwarz, Doris J.	453 S. Second St., Chambersburg	Franklin, Pa.
Scoppetti, Anita R.	431 S. Pitt St., Carlisle	Cumberland, Pa.
Seabold, Bette Jane	642 Geary St., Harrisburg	Dauphin, Pa.
Seitz, Iris I.	276 S. West St., Carlisle	Cumberland, Pa.
Seitz, Margaret C.	34 N. Washington St., Shippensburg	Cumberland, Pa.
Shaffer, Charlene V.	260 E. Liberty St., Chambersburg	Franklin, Pa.
*Sheaffer, C. Russel (w2)	147 S. East St., Carlisle	Cumberland, Pa.
Shields, Charles E.	3 W. Burd St., Shippensburg	Cumberland, Pa.
Shoop, Evelyn K.	Fannettsburg	Franklin, Pa.
*Shope, Martha E.	St. Thomas	Franklin, Pa.
Slaseman, Marie J.	R. R. 3, Mechanicsburg	York, Pa.
Snider, Mary Jane	R. R. 6, Chambersburg	Franklin, Pa.
*Snoko, Galen R.	108 N. Earl St., Shippensburg	Cumberland, Pa.
*Snoko, John P.	33 N. Earl St., Shippensburg	Cumberland, Pa.
Sowers, Maralee	3 N. Morris St., Shippensburg	Cumberland, Pa.
Spotts, Arlene D.	Shermans Dale	Perry, Pa.
Squires, Jack A.	332 E. Orange St., Shippensburg	Cumberland, Pa.
*Starner, Gerald O.	R. D. 1, Gardners	Cumberland, Pa.
*Stephenson, David A.	1925 Kensington St., Harrisburg	Dauphin, Pa.
Stewart, Loureda M.	Woodbine	York, Pa.
Stewart, Rosene A.	Poplar St., Richland	Lebanon, Pa.
*Stitt, Ross E.	19 Umberta St., New Cumberland	Cumberland, Pa.
*Stoner, Thomas M.	317 Philadelphia Ave., Chambersburg	Franklin, Pa.
Stoufer, Barbara M.	R. D. 1, Mechanicsburg	Cumberland, Pa.
*Tarnor, Harold S.	219 E. Washington St., Chambersburg	Franklin, Pa.
Thomas, Robina L. (w2)	1610 Market St., Camp Hill	Cumberland, Pa.
Traub, Peggy Ann	923 Melrose Ave., Philadelphia	Montgomery, Pa.
Varnes, Anna Jane	100 Fourth St., Mifflintown	Juniata, Pa.
*Viglione, Thomas J.	503 First Ave., Altoona	Blair, Pa.
Watkins, Florine J.	Broad Top	Huntingdon, Pa.
Wentz, Mildred L.	McKnightstown	Adams, Pa.
West, Charles W. (w1)	472 Elm Ave., Chambersburg	Franklin, Pa.
Whyte, Anne R.	719 Broadway, Hanover	York, Pa.
Willkinson, Richard A.	State Road, Bethayres	Montgomery, Pa.
Williams, M. Kay (w2)	Alexandria	Huntingdon, Pa.
Wingert, Joan L. (w1)	215 N. Grant St., Waynesboro	Franklin, Pa.
Wise, Leroy W.	503 W. Market St., Williamstown	Dauphin, Pa.
Woods, Janet H.	R. D. 1, Huntingdon	Huntingdon, Pa.
Yarlett, Genevieve Z.	Boiling Springs	Cumberland, Pa.
Yingling, Barbara A.	5 Stuart Ave., Hanover	York, Pa.

Young, Joan E. (w1).....	49 Lincoln Way West Chambersburg.....	Franklin, Pa.
Ziegler, Madaline P.....	Lewisberry .....	York, Pa.
Zlokas, Danica .....	646 Second St., Highspire .....	Dauphin, Pa.
*Zubovic, Peter .....	224 Main St., Steelton .....	Dauphin, Pa.
Zumbrun, Jean M.....	1428 Third Ave., York.....	York, Pa.

\*—Entered college January, 1946.

w1—withdraw during the first semester.

w2—Withdrew during the second semester.

j—Qualified for degree in January, 1946.

s—To qualify for degree at close of 1946 summer sessions.

### PART TIME STUDENTS

Arcuri, Josephine M.....	16 E. King St., Shippensburg.....	Cumberland, Pa.
Deibler, Mary Ellen.....	16 E. King St., Shippensburg.....	Cumberland, Pa.
Gain, Mary Charlotte (w-2).....	State Teachers College, Shippensburg...	Cumberland, Pa.
Mentzer, Fred (w1).....	R. R. 4, Chambersburg .....	Franklin, Pa.
Weaver, Pauline Y. (w1).....	37 Montgomery Ave., Shippensburg.....	Franklin, Pa.

### EXTENSION STUDENTS

Adams, Mary E.....	23 West Third St., Waynesboro.....	Franklin, Pa.
Alleman, Edna V.....	R. R. 3, Shippensburg .....	Franklin, Pa.
Austin, Laura Hoch.....	Box 86, Fayetteville .....	Franklin, Pa.
Baker, Eva M.....	72 W. Pomfret St., Carlisle.....	Cumberland, Pa.
Barbour, Helen .....	125 N. Sixth St., Chambersburg.....	Franklin, Pa.
Basehoar, Sarah E.....	Littlestown .....	Adams, Pa.
Beard, Anna Stover .....	31 Lincoln Way West, Chambersburg .....	Franklin, Pa.
Bemisderfer, Kathryn B.....	Greencastle .....	Franklin, Pa.
Bemisderfer, Ruby S.....	R. R. 3, Greencastle .....	Franklin, Pa.
Bohn, Myra A.....	248 S. Potomac St., Waynesboro.....	Franklin, Pa.
Boyd, Bertha Pepper.....	258 W. North St., Carlisle.....	Cumberland, Pa.
Bradley, Alice Bolinger.....	46 Wilson St., Carlisle .....	Cumberland, Pa.
Brown, Lois M.....	118 N. Second St., Chambersburg.....	Franklin, Pa.
Campbell, Edna M.....	302 Philadelphia Ave., Chambersburg.....	Franklin, Pa.
Campbell, Martha E.....	1505 Scotland Ave., Chambersburg.....	Franklin, Pa.
Cromwell, Anna Belle Leshner.....	R. R. 2, Chambersburg .....	Franklin, Pa.
Davidson, Myrtle Tritt.....	502 N. West St., Carlisle .....	Cumberland, Pa.
Deputy, Edith Hill.....	535 Poplar St., Chambersburg.....	Franklin, Pa.
Durboraw, Elizabeth Garmann.....	117 S. Potomac St., Waynesboro.....	Franklin, Pa.
Eckard, Mary C.....	620 N. Hanover St., Carlisle.....	Cumberland, Pa.
Fogelsanger, M. Bernice.....	Scotland .....	Franklin, Pa.
Fox, Olen A.....	Carlisle St., Greencastle .....	Franklin, Pa.
Hair, Frank L.....	33 E. Penn St., Carlisle.....	Cumberland, Pa.
Hawbaker, Blanche Highlands.....	Linden Ave., Mercersburg .....	Franklin, Pa.
Hawbecker, S. Amy.....	R. R. 4, Waynesboro .....	Franklin, Pa.
Heckman, M. Luise.....	238 S. West St., Carlisle .....	Cumberland, Pa.
Hege, Grace .....	472 E. Washington St., Chambersburg.....	Franklin, Pa.
Hoch, Eleanor Neidig.....	R. R. 4, Carlisle .....	Cumberland, Pa.
Keller, Margaret Neidig.....	R. D. 1, Newville .....	Cumberland, Pa.
Kelly, Helen M.....	33 Parker St., Carlisle .....	Cumberland, Pa.
Kitzmiller Ethel Wehler .....	127 N. Grant St., Waynesboro.....	Franklin, Pa.
Kohler, Pearl Briggs.....	572 Lincoln Way East, Chambersburg.....	Franklin, Pa.
Long, Mildred Millhouse.....	27 Stewart Place, Shippensburg.....	Franklin, Pa.

McCleary, Florine C.....	801 S. Main St., Chambersburg.....	Franklin, Pa.
McElhaneey, Earl J.....	304 Morland Ave., Chambersburg.....	Franklin, Pa.
McFerren, Mary E.....	431 E. Queen St., Chambersburg.....	Franklin, Pa.
Mackey, Marian S.....	346 Lincoln Way West, Chambersburg.....	Franklin, Pa.
Metcalfe, Helen M.....	228 S. Church St., Waynesboro.....	Franklin, Pa.
Miller, Louise Stake.....	R. R. 2, Chambersburg.....	Franklin, Pa.
Minehart, Louise B.....	R. D. 1, St. Thomas.....	Franklin, Pa.
Morter, Ethel G.....	R. R. 3, Waynesboro.....	Franklin, Pa.
Myers, A. Lois.....	R. R. 2, Greencastle.....	Franklin, Pa.
Myers, Glenn S.....	Chestnut St., Dillsburg.....	York, Pa.
Myers, Mary F. Hege.....	R. R. 1, Greencastle.....	Franklin, Pa.
Nell, Robert K.....	West York St., Dillsburg.....	York, Pa.
Oyler, LuElla M.....	Box 115, Fayetteville.....	Franklin, Pa.
Paden, Nancy J.....	50 N. East St., Carlisle.....	Cumberland, Pa.
Peters, Grace W.....	200 E. King St., Shippensburg.....	Cumberland, Pa.
Rahausser, Esther.....	937 Lincoln Way East, Chambersburg.....	Franklin, Pa.
Robinson, Harriett E.....	115 E. North St., Waynesboro.....	Franklin, Pa.
Schenck, Evelyn Angle.....	R. R. 2, Greencastle.....	Franklin, Pa.
Sharp, Mabel L.....	R. R. 5, Carlisle.....	Cumberland, Pa.
Shelley, Eycia B.....	605 N. West St., Carlisle.....	Cumberland, Pa.
Smith, Lorraine Freet.....	602 E. Washington St., Chambersburg.....	Franklin, Pa.
Stewart, D. Frank.....	Roxbury.....	Franklin, Pa.
Varner, Laura H.....	686 N. Hanover St., Carlisle.....	Cumberland, Pa.
Young, Margaretta Schlichter.....	202 S. Second St., Chambersburg.....	Franklin, Pa.
Zullinger, Robert L.....	E. Garfield St., Shippensburg.....	Cumberland, Pa.

## PRE-SUMMER SESSION 1945

Babcock, Olive E.....	609 Brandon Ave., Williamsport.....	Lycoming, Pa.
Bair, Phyllis B.....	Spring Run.....	Franklin, Pa.
Basehoar, Sara E.....	Littlestown.....	Adams, Pa.
Batt, Arlene.....	1251 N. Washington St., Wilkes-Barre.....	Luzerne, Pa.
Bemisderfer, Virginia Lee.....	R. R. 3, Greencastle.....	Franklin, Pa.
Blatt, Wallace Q.....	Mount Union.....	Huntingdon, Pa.
Bock, Mary Jane.....	Willow Hill.....	Franklin, Pa.
Born, Doris M.....	238 W. Main St., Everett.....	Bedford, Pa.
Bridge, June E.....	101 E. Parkway Ave., Chester.....	Delaware, Pa.
Brinton, Maibelle Hardy.....	17 E. Gaskill Ave., Jeannette.....	Westmoreland, Pa.
Brooks, Hazel O.....	Klingerstown.....	Schuylkill, Pa.
Brown, E. Ann.....	122 S. Richland Ave., York.....	York, Pa.
Brumbaugh, Alice M.....	168 S. Washington St., Greencastle.....	Franklin, Pa.
Bryner, D. Vivian.....	Port Royal.....	Franklin, Pa.
Coulson, M. Francis.....	R. D. 1, York Springs.....	Adams, Pa.
Crayton, Pearl M.....	421 Lincoln St., Steelton.....	Dauphin, Pa.
Cressler, Dorothy J.....	R. R. 2, Shippensburg.....	Cumberland, Pa.
Crouse, Helen Fogelsanger.....	238 E. King St., Shippensburg.....	Cumberland, Pa.
Crouse, Jessie W.....	127 S. Stratton St., Gettysburg.....	Adams, Pa.
Deibler, Mary Ellen.....	16 E. King St., Shippensburg.....	Cumberland, Pa.
Dunlap, Lillian V.....	Newburg.....	Cumberland, Pa.
Ebersole, Sylvia M.....	East Berlin.....	Adams, Pa.
Erdman, Elsie E.....	329 Market St., Lykens.....	Dauphin, Pa.
Fogelsanger, Anna R.....	473 E. Liberty St., Chambersburg.....	Franklin, Pa.
Fogelsanger, M. Bernice.....	Scotland.....	Franklin, Pa.
Funk, Devona Ryder.....	Scotland.....	Franklin, Pa.
Gardner, Virginia M.....	212 Walnut Road, Chester.....	Delaware, Pa.
Geisler, Marie K.....	New Oxford.....	Adams, Pa.
Geisler, Miriam R.....	New Oxford.....	Adams, Pa.
Getz, Josephine Grove.....	206 Carlisle Ave., York.....	York, Pa.
Group, Elizabeth H.....	318 N. Stratton St., Gettysburg.....	Adams, Pa.

Guresh, Stephen A.	Mont Alto	Franklin, Pa.
Haas, Lillian E.	834 S. Cameron St., Harrisburg	Dauphin, Pa.
Heagy, Diana L.	66 North 18th St., Harrisburg	Dauphin, Pa.
Hoch, Eleanor Neidig	R. R. 4, Carlisle	Cumberland, Pa.
Hubley, Catherine M.	332 E. Burd St., Shippensburg	Cumberland, Pa.
Janton, Lillian A.	4918 Warrington Ave., Philadelphia	Philadelphia, Pa.
Johnson L. Arlene	Liverpool	Perry, Pa.
Kindig, Phyllis L.	335 Garfield St., York	York, Pa.
King, Mary L.	New Enterprise	Bedford, Pa.
Kochenderfer, Helen Filson	Lewistown	Mifflin, Pa.
Lehner, Isabel S.	2 Broad St., Newville	Cumberland, Pa.
McCrae, LeRoy D.	Orrstown	Franklin, Pa.
McNitt, Garver M.	Reedsville	Mifflin, Pa.
McNitt, Mary Margaret	230 Electric Ave., Lewistown	Mifflin, Pa.
Martin, Mary I.	R. D. 4, Carlisle	Cumberland, Pa.
Mayhugh, Estella C.	501 W. Middle St., Gettysburg	Adams, Pa.
Mellott, Elwood J.	McConnellsburg	Fulton, Pa.
Miller, Jean L.	R. D. 2, Box 77K, Altoona	Blair, Pa.
Miller, Pearl	75 N. Franklin St., Pottstown	Montgomery, Pa.
Miller, Rachel M.	9 South Fayette St., Shippensburg	Cumberland, Pa.
Millhimes, Mae Beamer	R. R. 2, New Oxford	Adams, Pa.
Miller, Sarah M.	Fairfield	Adams, Pa.
Mock, Walter W.	315 State St., Everett	Bedford, Pa.
Neff, Anna Mae N.	133 S. Pitt St., Carlisle	Cumberland, Pa.
Newton, Sarah M.	127 E. King St., Chambersburg	Franklin, Pa.
Oiler, E. Lee	33 Parsonage St., Newville	Cumberland, Pa.
Patterson, Dorothy Boynton	224 Electric Ave., Lewistown	Mifflin, Pa.
Patterson, Viola Snowden	206 North 25th St., Camp Hill	Cumberland, Pa.
Plummer, Katharine R.	320 Sixth Ave., Altoona	Blair, Pa.
Powell, Homer E.	R. R. 1, Warfordsburg	Fulton, Pa.
Reeder, B. Jean	Willow Hill	Franklin, Pa.
Sabo, William A.	1323 West Auburn St., Philadelphia	Philadelphia, Pa.
Schade, Thomas A.	West Main St., Berrysburg	Dauphin, Pa.
Seitz, Margaret C.	34 N. Washington St., Shippensburg	Cumberland, Pa.
Seitz, Sarah E.	34 N. Washington St., Shippensburg	Cumberland, Pa.
Sentz, Eva Parr	Littlestown	Adams, Pa.
Shambaugh, Jeanne R.	545 Hummel Ave., Lemoyne	Cumberland, Pa.
Shannon, Mabel S.	18 S. Main St., Lewistown	Mifflin, Pa.
Shoff, Miriam M.	445 S. Brown St., Lewistown	Mifflin, Pa.
Sizer, Betty Jane	10 East Charles St., Lewistown	Mifflin, Pa.
Sleighter, M. Betty	317 N. Franklin St., Chambersburg	Franklin, Pa.
Smith, Lorraine Freet	602 E. Washington St., Chambersburg	Franklin, Pa.
Trostle, Kathleen B.	Gettysburg	Adams, Pa.
Walters, Valeria Hershman	18 W. Maplewood Ave., Mech'sburg	Cumberland, Pa.
Watkins, Walter W.	1429 N. 15th St., Harrisburg	Dauphin, Pa.
Weidner, Mildred Dunlap	Gardners	Adams, Pa.
Wenk, Wilson D.	R. D. 1, Aspers	Adams, Pa.
Whippo, Wanda J.	950 29th St., Altoona	Blair, Pa.
Whitmore, Beulah H.	South Park Ave., Mercersburg	Franklin, Pa.
Whitmore, Estella C.	Mercersburg	Franklin, Pa.
Whitmore, Frances A.	R. R. 2, Mercersburg	Franklin, Pa.
Zubovic, Lewis	R. D. 2, Harrisburg	Dauphin, Pa.

## SUMMER SESSION 1945

Amatulli, Angela K.	7½ S. Division St., Mount Union	Huntingdon, Pa.
Babcock, Olive E.	609 Brandon Ave., Williamsport	Lycoming, Pa.
Baer, Jane E.	46 S. Earl St., Shippensburg	Cumberland, Pa.
Bair, Phyllis B.	Spring Run	Franklin, Pa.

Barbour, Helen	125 N. Sixth St., Chambersburg	Franklin, Pa.
Basehoar, Sarah E.	Littlestown	Adams, Pa.
Batt, Arlene	1251 N. Washington St., Wilkes-Barre	Luzerne, Pa.
Beard, Hazel N.	518 Eshleman St., Highspire	Dauphin, Pa.
Bemisderfer, Virginia L.	Greencastle	Franklin, Pa.
Blatt, Wallace O.	Mount Union	Huntingdon, Pa.
Bock, Mary Jane	Willow Hill	Franklin, Pa.
Born, Doris M.	238 W. Main St., Everett	Bedford, Pa.
Bradley, Alice Bolinger	46 Wilson St., Carlisle	Cumberland, Pa.
Brechbill, Albert H.	Box 39, Grantham	Cumberland, Pa.
Bridge, June E.	101 East Parkway Ave., Chester	Delaware, Pa.
Brinton, Maribelle Hardy	17 E. Gaskill Ave., Jeannette	Westmoreland, Pa.
Brooks, Hazel O.	Klingerstown	Schuylkill, Pa.
Brown, E. Ann	122 S. Richland Ave., York	York, Pa.
Brumbaugh, Alice M.	168 S. Washington St., Greencastle	Franklin, Pa.
Bryner, D. Vivian	Port Royal	Juniata, Pa.
Conrad, Nan	37 W. Baltimore St., Greencastle	Franklin, Pa.
Cooper, Martha R.	621 High St., Enhaut	Dauphin, Pa.
Coover, Helen L.	27 Richard Ave., Shippensburg	Cumberland, Pa.
Cornelius, Esther S.	Shade Gap	Huntingdon, Pa.
Coulson, Merle F.	R. D. 1, York Springs	Adams, Pa.
Crayton, Pearl M.	421 Lincoln St., Steelton	Dauphin, Pa.
Crouse, Helen Fogelsanger	234 E. King St., Shippensburg	Cumberland, Pa.
Dibert, Kathleen Feather	R. D. 1, Imler	Bedford, Pa.
Dobson, Elizabeth Young	312 South St., Easton	Maryland
Dunlap, Lillian V. (w)	Newburg	Cumberland, Pa.
Eckard, Mary C.	620 N. Hanover St., Carlisle	Cumberland, Pa.
Etter, Dorothy J.	Rouzerville	Franklin, Pa.
Fogelsanger, Anna R.	473 Liberty St., Chambersburg	Franklin, Pa.
Fogelsanger, M. Bernice	Scotland	Franklin, Pa.
Funk, Devona Ryder	Scotland	Franklin, Pa.
Gardner, Virginia M.	212 Walnut Road, Chester	Delaware, Pa.
Cooper, Lorraine Burkhart	Oakville	Cumberland, Pa.
Geisler, Marie K.	R. R. 2, New Oxford	Adams, Pa.
Gentzler, Charles L.	East Berlin	Adams, Pa.
Gephart, Mary G.	R. R. 1, Shippensburg	Cumberland, Pa.
Getz, Josephine Grove	206 Carlisle Ave., York	York, Pa.
Green, Shirlee M.	109 Pope Ave., Altoona	Blair, Pa.
Group, Elizabeth Hartman	318 N. Stratton St., Gettysburg	Adams, Pa.
Guresh, Stephen A.	Constitution Ave., Mont Alto	Franklin, Pa.
Haas, Lillian E.	834 S. Cameron St., Harrisburg	Dauphin, Pa.
Heagy, Diana L.	66 North 18th St., Harrisburg	Dauphin, Pa.
Hege, Mary Frances	R. R. 1, Greencastle	Franklin, Pa.
Hege, Mary Louise	R. R. 1, Greencastle	Franklin, Pa.
Hege, Ruth Edna	R. R. 1, Greencastle	Franklin, Pa.
Hoch, Eleanor Neidig	R. R. 4, Carlisle	Cumberland, Pa.
Johnson, L. Arlene	Liverpool	Perry, Pa.
Jones, Elizabeth M.	106 South 3rd St., Minersville	Schuylkill, Pa.
Kindig, Phyllis L.	335 Garfield St., York	York, Pa.
King, Mary Louise	New Enterprise	Bedford, Pa.
Kline, Ruth E.	Spruce Hill	Juniata, Pa.
Klink, Pearl E.	253 Peffer St., Harrisburg	Dauphin, Pa.
Klucker, Dorothy J.	448 N. Hanover St., Carlisle	Cumberland, Pa.
Latshaw, Virginia M.	Martinsburg	Blair, Pa.
Lehner, Isabel S.	2 Broad St., Newville	Cumberland, Pa.
Lemaster, Raymond W., Jr.	122 N. Prince St., Shippensburg	Cumberland, Pa.
McBeth, Wilda W.	R. R. 1, Biglerville	Adams, Pa.
McCrae, LeRoy D.	Orrstown	Franklin, Pa.
McCleary, Florine C.	801 S. Main St., Chambersburg	Franklin, Pa.
McGahey, Sara E.	Wood	Huntingdon, Pa.
Martin, Mary I.	R. R. 4, Carlisle	Cumberland, Pa.
Mayhugh, Estella C.	501 W. Middle St., Gettysburg	Adams, Pa.
Mellinger, Mildred M.	Shippensburg	Franklin, Pa.
Mellott, Elwood J.	McConnellsburg	Fulton, Pa.
Miller, Kathryn M.	R. R. 3, Stewartstown	York, Pa.



Millhimes, Mae Beamer.....	R. R. 2, New Oxford.....	Adams, Pa.
Monn, Ruth R.....	R. R. 3, Chambersburg.....	Franklin, Pa.
Moore, Dulce I.....	Woodbury.....	Bedford, Pa.
Neff, Anna Mae Neusbaum.....	133 S. Pitt St., Carlisle.....	Cumberland, Pa.
Newton, Elizabeth M.....	127 E. King St., Chambersburg.....	Franklin, Pa.
Nicholas, M. Virginia.....	228 Emerald St., Harrisburg.....	Dauphin, Pa.
Oiler, E. Lee.....	33 Parsonage St., Newville.....	Cumberland, Pa.
Peffer, Elizabeth H.....	R. R. 1, Newville.....	Cumberland, Pa.
Peterson, Pearl L.....	Honey Grove.....	Juniata, Pa.
Powell, Homer E.....	R. R. 1, Warfordsburg.....	Fulton, Pa.
Rahauer, Esther.....	937 Lincoln Way East, Chambersburg.....	Franklin, Pa.
Reeder, B. Jean.....	Willow Hill.....	Franklin, Pa.
Row, Jean Coffey.....	308 E. King St., Shippensburg.....	Cumberland, Pa.
Sabo, William A.....	1323 W. Auburn St., Philadelphia 32.....	Phila., Pa.
Schade, Thomas A.....	West Main St., Berrysburg.....	Dauphin, Pa.
Scruggs, Geneva Felton.....	623 Reily St., Harrisburg.....	Dauphin, Pa.
Seitz, Margaret C.....	34 N. Washington St., Shippensburg.....	Cumberland, Pa.
Seitz, Sarah E.....	34 N. Washington St., Shippensburg.....	Cumberland, Pa.
Shambaugh, Jeanne R.....	545 Hummel Ave., Lemoyne.....	Cumberland, Pa.
Shoff, Miriam M.....	445 S. Brown St., Lewistown.....	Mifflin, Pa.
Singiser, Dorothy Mellinger.....	133 Cumberland Ave., Shippensburg.....	Franklin, Pa.
Sizer, Betty Jane.....	10 East Charles St., Lewistown.....	Mifflin, Pa.
Sleighter, M. Betty.....	317 N. Franklin St., Chambersburg.....	Franklin, Pa.
Smith, Lorraine Freet.....	602 East Washington St., Chambersburg.....	Franklin, Pa.
Stambaugh, Martha B.....	Greenpark.....	Perry, Pa.
Statler, A. Arlene.....	R. R. 1, Greencastle.....	Franklin, Pa.
Stricker, Mae E.....	Blain.....	Perry, Pa.
Trostle, Kathleen G.....	R. R. 2, Gettysburg.....	Adams, Pa.
Van Meter, James W.....	489 E. Washington St., Chambersburg.....	Franklin, Pa.
Wakefield, Margaret M.....	537 E. Penn St., Bedford.....	Bedford, Pa.
Wallace, Virginia J.....	Loysville.....	Perry, Pa.
Walter, Gladys W.....	New Enterprise.....	Bedford, Pa.
Walters, Valeria Hershman.....	18 W. Maplewood Ave., Mechanicsburg.....	Cumberland, Pa.
Watkins, Walter W.....	1429 North 15th St., Harrisburg.....	Dauphin, Pa.
Weidner, Mildred D.....	Gardners.....	Adams, Pa.
Wenk, Wilson D.....	R. D., Aspers.....	Adams, Pa.
Wertz, Dorothy S.....	683 Florida Ave., York.....	York, Pa.
Whitesel, Donald M.....	1902 Third Ave., Altoona.....	Blair, Pa.
Whitmore, Beulah H.....	South Park Ave., Mercersburg.....	Franklin, Pa.
Whitmore, Estella C.....	South Park Ave., Mercersburg.....	Franklin, Pa.
Williams, Edithmae.....	11 W. Coover St., Mechanicsburg.....	Cumberland, Pa.
Williams, H. Marguerite.....	11 W. Coover St., Mechanicsburg.....	Cumberland, Pa.
Williams, M. Kay.....	Alexandria.....	Huntingdon, Pa.
Williams, Evelyn M.....	22 South 16th St., Harrisburg.....	Dauphin, Pa.
Woods, Janet H.....	R. D. 1, Huntingdon.....	Huntingdon, Pa.
Yingling, Phyllis A.....	237 Centennial Ave., Hanover.....	York, Pa.
Zubovic, Lewis.....	R. D. 2, Harrisburg.....	Dauphin, Pa.

### POST SUMMER SESSION 1945

Amatulli, Angela K.....	7½ S. Division St., Mount Union.....	Huntingdon, Pa.
Bair, Phyllis B.....	Spring Run.....	Franklin, Pa.
Basehoar, Sara E.....	Littlestown.....	Adams, Pa.
Batt, Arlene.....	1251 N. Washington St., Wilkes-Barre.....	Luzerne, Pa.
Beard, Hazel N.....	518 Eshleman St., Highspire.....	Dauphin, Pa.
Bemisderfer, Virginia Lee.....	R. R. 3, Greencastle.....	Franklin, Pa.
Blatt, Wallace Q.....	Mount Union.....	Huntingdon, Pa.
Born, Doris M.....	238 W. Main St., Everett.....	Bedford, Pa.
Bridge, June E.....	101 E. Parkway Ave., Chester.....	Delaware, Pa.
Brinton, Maibelle Hardy.....	17 E. Gaskill Ave., Jeannette.....	Westmoreland, Pa.
Brooks, Hazel O.....	Klingerstown.....	Schuylkill, Pa.
Brumbaugh, Alice M.....	168 S. Washington St., Greencastle.....	Franklin, Pa.

Bryner, D. Vivian .....	Port Royal .....	Juniata, Pa.
Conrad, Nan .....	37 West Baltimore St., Greencastle .....	Franklin, Pa.
Cooper, Martha R. ....	621 High St., Enhaut .....	Dauphin, Pa.
Coulson, M. Francis .....	R. R. 1, York Springs .....	Adams, Pa.
Crayton, Pearl M. ....	421 Lincoln St., Steelton .....	Dauphin, Pa.
Fogelsanger, Anna R. ....	473 E. Liberty St., Chambersburg .....	Franklin, Pa.
Fogelsanger, M. Bernice .....	Scotland .....	Franklin, Pa.
Gardner, Virginia M. ....	212 Walnut Rd., Chester .....	Delaware, Pa.
Geisler, Miriam R. ....	New Oxford .....	Adams, Pa.
Getz, Josephine Grove .....	206 Carlisle Ave., York .....	York, Pa.
Haas, Lillian E. ....	834 S. Cameron St., Harrisburg .....	Dauphin, Pa.
Hallibaugh, Ada F. ....	Rockhill Furnace .....	Huntingdon, Pa.
Hege, Mary Frances .....	R. R. 1, Greencastle .....	Franklin, Pa.
Harshman, Edna C. (w) .....	R. D. 2, Waynesboro .....	Franklin, Pa.
Janton, Lillian A. ....	4918 Warrington Ave., Philadelphia .....	Philadelphia, Pa.
Johnson, L. Arlene .....	Liverpool .....	Perry, Pa.
King, Mary Louise .....	New Enterprise .....	Bedford, Pa.
Lehner, Isabel S. ....	2 Broad St., Newville .....	Cumberland, Pa.
McCleary, Florine C. ....	801 S. Main St., Chambersburg .....	Franklin, Pa.
McClelland, Liberty .....	Quigley's Bridges, Newburg .....	Cumberland, Pa.
McCrae, LeRoy D. ....	Orrstown .....	Franklin, Pa.
McGahey, Sara E. ....	Wood .....	Huntingdon, Pa.
Mayhugh, Estella C. ....	501 W. Middle St., Gettysburg .....	Adams, Pa.
Miller, Sara M. ....	Fairfield .....	Adams, Pa.
Neff, Anna Mae N. ....	133 S. Pitt St., Carlisle .....	Cumberland, Pa.
Paden, Nancy J. ....	50 N. East St., Carlisle .....	Cumberland, Pa.
Peters, Grace W. ....	200 E. King St., Shippensburg .....	Cumberland, Pa.
Powell, Homer E. ....	R. R. 1, Warfordsburg .....	Fulton, Pa.
Reeder, B. Jean .....	Willow Hill .....	Franklin, Pa.
Sabo, William A. ....	1823 W. Auburn St., Philadelphia 32 .....	Philadelphia, Pa.
Seitz, Margaret C. ....	34 N. Washington St., Shippensburg .....	Cumberland, Pa.
Shoff, Miriam M. ....	445 S. Brown St., Lewistown .....	Mifflin, Pa.
Smith, Lorraine Freet .....	602 E. Washington St., Chambersburg .....	Franklin, Pa.
Stewart, John R. ....	331 Fort St., Shippensburg .....	Cumberland, Pa.
Trostle, Kathleen G. ....	R. D. 2, Gettysburg .....	Adams, Pa.
Walls, Carrie Morgan .....	Orbisonia .....	Huntingdon, Pa.
Weidner, Mildred Dunlap .....	Gardners .....	Adams, Pa.
Williams, M. Kay .....	Alexandria .....	Huntingdon, Pa.
Woods, Janet H. ....	R. R. 1, Huntingdon .....	Huntingdon, Pa.
Zubovic, Lewis .....	R. D. 2, Harrisburg .....	Dauphin, Pa.

## ENROLLMENT

## College

Graduate Students .....	11
Class of 1946.....	49
Business Education .....	9
Cooperative Education .....	5
Elementary Education .....	17
Secondary Education .....	18
Class of 1947.....	61
Business Education .....	13
Cooperative Education .....	1
Elementary Education.....	16
Secondary Education .....	31
Class of 1948.....	50
Class of 1949.....	161
Part Time Students.....	5
Extension Students .....	58
Pre-Summer Session 1945.....	83
Summer Session 1945.....	116
Post Session 1945.....	52
	— —
TOTAL .....	646
Duplications .....	151
	— —
FINAL TOTAL COLLEGE STUDENTS	495

## LABORATORY SCHOOLS

## Campus Schools

Kindergarten .....	19	
Grade I .....	17	
Grade II .....	20	
Grade III .....	19	
Grade IV .....	22	
Grade V .....	16	
Grade VI .....	17	
Total .....	—	130

## SHIPPENSBURG PUBLIC SCHOOLS

## Grade Schools

Grade I .....	65	
Grade II .....	77	
Grade III .....	65	
Grade IV .....	69	
Grade V .....	76	
Grade VI .....	59	
Total .....	—	411

## West End School

Grade I .....	21	
Grade II .....	15	
Grade III .....	19	
Grade IV .....	12	
Total .....	—	67

## Junior High School

Grade VII .....	99	
Grade VIII .....	87	
Grade IX .....	161	
Total .....	—	347

## Senior High School

Grade X .....	109	
Grade XI .....	99	
Grade XII .....	102	
Total .....	—	310

Grand Total, Laboratory Schools..... — 1265

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