

THE TOWER

The Teachers College Hreald

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THIS COLLEGE IS A MEMBER OF THE AMERICAN ASSOCIATION OF COLLEGES FOR TEACHER EDUCATION, THE MIDDLE STATES ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS, AND THE NATIONAL ASSOCIATION OF BUSINESS TEACHER-TRAINING INSTITUTIONS, AND MEETS THE STANDARDS ESTABLISHED BY THESE ASSOCIATIONS

THE STATE TEACHERS COLLEGE

SHIPPENSBURG, PENNSYLVANIA

The Teachers College Herald

Volume 12

Catalogue Number

1921-1922

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COLLEGE CALENDAR

1951 - 1952

The Summer Sessions

1. Pre-Session of Three Weeks

Session Begins	June 4
Session Ends	June 22

2. Regular Session of Six Weeks

Session Begins	June 25
Session Ends	August 3

3. Post-Session of Three Weeks

Session Begins	August 6
Session Ends	August 24

First Semester

Registration of Freshmen	September 10
Registration of Upperclassmen	September 11
Classes Begin at 8:00 a.m.	September 12
Thanksgiving Recess Begins at the close of classes ..	November 20
Thanksgiving Recess Ends at 8:00 a.m.	November 26
Christmas Recess Begins at the close of classes	December 21
Christmas Recess Ends at 8:00 a.m.	January 3
First Semester Ends at the close of classes	January 17

Second Semester

Registration	January 22 and 23
Classes Begin at 8:00 a.m.	January 24
Easter Recess Begins at the close of classes	April 4
Easter Recess Ends at 8:00 a.m.	April 16
Alumni Day	May 24
Baccalaureate Services	May 25
Commencement	May 26

BOARDS OF CONTROL

COMMONWEALTH OF PENNSYLVANIA

Department of Public Instruction

FRANCIS B. HAAS, *Superintendent of Public Instruction*C. HERMAN GROSE, *Deputy Superintendent*HENRY KLONOWER, *Director, Teacher Education and Certification*

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THE FACULTY

1951 - 1952

HARRY L. KRINER*President of the College*

A.B., University of Pittsburgh
A.M., University of Pittsburgh
Ed.D., Pennsylvania State College

EARL WRIGHT*Dean of Instruction: Chairman, Education Department*

B.S., M.S., Sc.D., Gettysburg College
Ed.D., George Washington University

GENE FISTER NASH*Dean of Women*

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

VINTON RAMBO*Dean of Men, Physical Education, Athletic Coach*

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

KEITH B. ALLAN*Chairman, Geography Department*

B.Ed., Illinois State Normal University
A.M., Colorado Teachers College

ARTHUR 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

† **MARTHA BEEDLE***Training Teacher, Campus School*

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

CHARLES F. BELLOWS*English*

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

THOMAS CRIST*Physical Education, Athletic Coach*

B.S., William and Mary
A.M., Southern Methodist

† Temporary

ROY DIBERT*Physics and Physical Science*

B.S., Franklin and Marshall College

A.M., Columbia University

M.S., Pennsylvania State College

MYRA ESH*Training Teacher, Campus School*

B.S., University of Pittsburgh

M.Ed., Pennsylvania State College

CHARLES R. EURICH*Biology and Physical Science*

B.S., Franklin and Marshall College

M.A., New York University

MARY ELIZABETH FOGELSANGER*Training Teacher, Campus School*

B.S., State Teachers College, Shippensburg

M.Ed., Pennsylvania State College

*** MARY CHARLOTTE GAIN***Resident Nurse*

R.N., Union Memorial Hospital

CLARENCE GLESSNER*English Department*

B.S., State Teachers College, Shippensburg

M.Ed., Pennsylvania State College

† CAROLYN GOODHART*Resident Nurse*

R.N., York General Hospital

J. SETH GROVE*Chairman, Mathematics Department*

A.B., Ursinus College

A.M., Teachers College, Columbia University

RUTH C. HARLEY*Chairman, Elementary Education*

B.S., Juniata College

A.M., Teachers College, Columbia University

ESTHER HENDERSON*Chairman, Health Education Department*

B.S., Miami University

M.A., Teachers College, Columbia University

LAURA ESTELLA HIGH*English, Junior High School*

A.B., Dickinson College

A.M., University of Pennsylvania

† Temporary

* Leave of Absence

BERNARD HOGG*Social Studies Department*

B.S., State Teachers College, Slippery Rock

M.A., University of Pittsburgh

Ph.D., University of Chicago

GERTRUDE KAUFFMAN*Chairman, Art Department*

B.S., State Teachers College, Edinboro

A.M., George Peabody College

NORMAN E. KING*Business Education Department*

B.S., University of Pittsburgh

M.Ed., University of Pittsburgh

GERMAINE KLAUS*Chairman, Language Department*

A.B., Dickinson College

A.M., University of Chicago

HAROLD O. KRAMER*Business Education Department*

B.S., Susquehanna University

M.A., New York University

LESLIE C. KREBS*Geography and Visual Education; Director, The Museum*

B.S., Pennsylvania State College

Ed.M., Temple University

LOUISE J. LIENEMANN*Chemistry*

A.B., University of Nebraska

A.M., Ph.D., Cornell University

VIRGINIA LONG*Elementary Education*

B.S., State Teachers College, Lock Haven

M.Ed., Pennsylvania State College

NANCY HARPER MCCREARY*English*

A.B., Smith College

A.M., Radcliffe College

ISABEL MCCURDY*Assistant Librarian*

B.S., State Teachers College, Shippensburg

B.S. Library Science, Drexel Institute

ADELE H. MITCHELL*Training Teacher, Campus School*

B.S., State Teachers College, Kutztown

M.Ed., Pennsylvania State College

ROY V. MOUER*Science, High School*

B.S., Lebanon Valley College

M.A., Teachers College, Columbia University

DOROTHEA NOBLE*Elementary Education*

B.S., in Ed., Temple University

Ed.M., Temple University

GEORGE REISINGER*Chairman, English Department*

B.S., State Teachers College, Shippensburg

M.A., Western Maryland College

CHESTER A. RININGER*Social Studies*

B.A., Juniata College

M.A., University of Pittsburgh

ERMA K. ROLAR*Social Studies*

A.B., Pennsylvania State College

A.M., Teachers College, Columbia University

RALPH SCRAFFORD*Education*

B.S., State Teachers College, Edinboro

M.Ed., Pennsylvania State College

Ed.D., Pennsylvania State College

S. S. SHEARER*Chairman, Science Department*

A.B., Ursinus College

M.S., University of Chicago

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

THOMAS SMYTH*Biology*

B.S., Virginia Polytechnic Institute

A.M., Cornell University

Ph.D., Cornell University

HARLING E. SPONSELLER*Director of Teacher Training; Director of Placement*

B.S., State Teachers College, Shippensburg

A.M., Teachers College, Columbia University

Pd.D., Lebanon Valley College

ELVIN L. VALENTINE*Chairman, Social Studies Department*

B.S., 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 and Marshall College

A.M., Columbia University

ALMA MAE WINTON*Librarian*

B.S. in Library Science, Columbia University

A.B., Allegheny College

STELLA YATES*Business Education Department*

B.S., University of Illinois

M.S., University of Illinois

MARY E. YORK*English and Speech*

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

RUTH DAUGHERTY ZIEGLER*Training Teacher, Campus School*

B.S., Muskingum

M.Ed., Pennsylvania State College

LABORATORY SCHOOL

† MARTHA BEEDLE, M.A.	<i>First Grade</i>
RUTH ZIEGLER, M.Ed.	<i>Second Grade</i>
THELMA E. SMALL, A.M.	<i>Third Grade</i>
ADELE H. MITCHELL, M.Ed.	<i>Fourth Grade</i>
MARY ELIZABETH FOGELSANGER, M.Ed.	<i>Fifth Grade</i>
MYRA C. ESH, M.Ed.	<i>Sixth Grade</i>

ADMINISTRATIVE OFFICES

HARRY L. KRINER, Ed.D.	<i>President of the College</i>
VIRGINIA GOODHART	<i>Secretary to the President</i>
EARL WRIGHT, Ed.D.	<i>Dean of Instruction</i>
MARTHA J. BARKDOLL	<i>Secretary to Dean of Instruction</i>
MARGARET SPRING	<i>Registrar</i>
GENE T. FISTER, A.M.	<i>Dean of Women</i>
VINTON RAMBO, A.M.	<i>Dean of Men</i>
HARLING E. SPONSELLER, Pd.D. ...	<i>Director of Student Teaching</i>
DORIS MALAMOS, B.S. ...	<i>Secretary, Director of Student Teaching</i>

CHARLES A. BIKLE, MD., University of Penna.	<i>Physician</i>
* MARY CHARLOTTE GAIN, R.N.	<i>Resident Nurse</i>
† CAROLYN GOODHART, R.N.	<i>Resident Nurse</i>
JOHN W. LACKHOVE	<i>Business Manager</i>
HIRAM GILL	<i>Accountant</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 COMMERER	<i>Clerk in Retail Store</i>
MARGARET YOCUM	<i>Clerk in Retail Store</i>

* Leave of Absence

† Temporary

- R. BRUCE CLIPPINGER *Receiving Clerk*
- HARRY M. ESHELMAN *Supt. of Grounds and Buildings*
Grounds and Building Staff—JOHN FITZGERALD, CHARLES HILL,
 CHARLES HOLLINGER, CLIFFORD HOOVER, RAYMOND HUTCHISON,
 WALTER KLENZING, JERRY THOMAS, ELMER B. VANSCYOC, HARVEY
 ALLEN, HIRAM D. HIGHLANDS, CLARENCE L. CHAMBERLIN, ARTHUR
 COMMERER, SEBA FILSON, R. J. HUTCHISON, GEORGE CLOUGH, AMOS
 DEVOR, JAMES FOLTZ, BLAKE SCHAEFFER, EARL PUGH.
- G. EMORY KANN *Watchman*
- WILLIAM S. WEIBLEY *Watchman*
- SARA MCCULLOUGH *Matron, "Old Main"*
Assistant—ELLA MEANS
- MILDRED ALLEN *Matron, Men's Dormitory*
- DOROTHY PLASTERER *Matron, Horton Hall*
Assistant—CATHERINE WALLS
- LOTTIE MCCLELLAN *Dietitian*
Dining Room and Kitchen Staff—FLORENCE CRAMER, EMMA BOW-
 ERS, AMANDA KITZMILLER, ANNA PRICE, BESSIE RICE, ELIZABETH
 SHEARER, WILLIAM CRUSEY, LAURA E. KEEFER, MAE REBUCK, NORA
 E. SLEICHTER, ROSE P. TARNER, HAZEL MIXELL, MARY KEEFER, JANE
 TARNER, BLANCHE POWELL, GENE KOONTZ, HARRY D. NAUGLE,
 VERNE C. GETTEL.
- NELL K. STRIKE *Superintendent of Laundry*
Assistants—LENA CLOUGH, BEULAH KITZMILLER, EFFIE BURKHOLDER,
 MARY CRIDER, MAY O'DONNELL, PAUL WADEL, MARY MIXELL,
 CATHERINE HANCOCK, ADA KIRBY.
- ANNA WALTERS *Cafeteria Manager*

STATE TEACHERS COLLEGE AT SHIPPENSBURG

GENERAL INFORMATION

Shippensburg Is An Accredited College

Regional and national accrediting agencies have been established in the United States to assure the public that recognized standards are being met by colleges, and to guard parents of prospective students from exploitation at the hands of unworthy colleges. 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 Colleges for Teacher Education which has a membership of 258 fully accredited teacher education institutions including the State Teachers College at Shippensburg. The College is also a member of The National Association of Business Teacher-Training Institutions.

Location

The College is located on the north western edge of Shippensburg, which is a town of more than six thousand people, situated in the beautiful Cumberland Valley on the Pennsylvania Railroad, forty miles southwest of Harrisburg on Route 11 of the Pennsylvania highway. Carlisle, the county seat of Cumberland County, lies twenty two miles from Shippensburg toward Harrisburg, and Chambersburg, the county seat of Franklin County, eleven miles in the opposite direction. The College is less than ten miles south of the Blue Mountain terminal on the well-known Pennsylvania Turnpike. Gettysburg, the county seat of Adams County, with its famous battlefield now a national shrine is but thirty miles distance. 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 institution 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.

The principals and presidents of the college have been as follows: George P. Beard, 1872-75; I. N. Hays, 1875-78; B. S. Potter, 1879-82; S. B. Heiges, 1882-86; J. F. McCreary, 1886-89; G. M. D. Eckles, 1889-1907; S. A. Martin, 1907-13; Ezra Lehman, 1913-31; Albert L. Rowland, 1932-45; Levi Gilbert, 1945-48; Harry L. Kriner, 1948-

Campus

The campus 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 archery range and an open-air Shakespearean theatre. The entire campus has been carefully landscaped with beautiful shrubs, trees, flowers and convenient driveways. The twelve all brick buildings on the campus are arranged in a curving line on the crest of a hill, sloping gently to the southeast.

Buildings

OLD MAIN, located in the front center and highest part of the campus, is the oldest building being first used in 1871. It has been modernized at various times. Its beautiful tower can be seen for miles in any direction. The first floor contains the offices of the Business Manager, the Cafeteria, the Bookstore, rooms for commuting students, several supply rooms, Dining Hall and Kitchen. The second floor contains the offices of the President, Dean of Instruction and Registrar, ten classrooms, a number of faculty offices and the "Old Main" auditorium. The third and fourth floors are used for the men's dormitory.

HORTON HALL, the dormitory for women, was built in 1894 and is located west of "Old Main". It is joined with "Old Main" by a bridge on the second floor level. In 1921 the building was wired for electricity, and a small addition was built in 1929. The renovations made in 1950 provide a lobby for each of the four floors and provide sixteen additional rooms for students.

ROWLAND HALL, located on the east campus, is used as an elementary training school for grades one to six, inclusive. The south wing provides rooms for a kindergarten and a nursery school. A beautiful auditorium is attached to the building for the use of the Training School. The office of the Director of Student Teaching, a medical and dental office, a library, an art room and service rooms are located in this building.

ALUMNI GYMNASIUM was built in 1937 and is located north of Horton Hall with openings to Heiges athletic field on the ground floor. It has a large gymnasium floor, the necessary separate locker rooms for men and women, a swimming pool, a wrestling and boxing room, and the recreation room which also is used as a classroom for the physical education classes.

SHEARER HALL is the science building which was erected in 1937 on the east campus facing the library. Located on the ground floor are an advance biology laboratory, a classroom, and a greenhouse. A psychological laboratory, an elementary biology laboratory, a physical science laboratory and a classroom are located on the main floor, while on the second floor are a physics laboratory, an elementary chemistry laboratory, an advance chemistry laboratory with a balance room, and a classroom. Each laboratory has a supply room and an instructor's office.

The **EZRA LEHMAN MEMORIAL LIBRARY** was built in 1931 and is located on the northeast campus. This beautiful building is extremely well-laned for excellent library service. A museum is located on the ground floor.

AUDITORIUM The New Auditorium is being erected and should be finished by September 1951. This is a very modern building with a large stage; amphitheater room for band, orchestra and Glee Club practice; music rooms; dramatic and speech rooms, and dramatic workshop. This building is located at the east end of the campus.

STEWART HALL, located east of "Old Main," was built in 1893 and was used many years as a gymnasium. It was renovated in 1949 for a student activity center with game rooms, dance floor, kitchen and conference room.

GILBERT HALL was built in 1912 as an elementary training school and is located south west of Horton Hall. In 1946 it was reconditioned for the Business Education Department.

The **HEATING PLANT** was built in 1898 and has had minor additions and changes made in several instances since that date. It is now being replaced by a new modern plant.

The **INFIRMARY** was built in 1906 and contains separate wards for men and women as well as two private rooms which are used for isolation cases and cases of serious illness. It is located north of "Old Main."

The **UTILITY BUILDING** was built in 1937 being located on the northern edge of the campus west of the tennis courts. This building contains the laundry, paint chop, carpenter shop, plumb-

ing shop, machine shop, storage room and garages. An auxiliary heat plant is attached which furnishes hot water and steam for the summer needs, thus permitting the main heat plant to be closed.

The **PRESIDENT'S RESIDENCE** is a three story brick house located on the south west corner of the campus.

Library

The library is modern and exceptionally well-equipped. It contains a collection of over 35,000 books arranged on convenient stacks. The magazine racks carry a subscription list of over 200 current publications. There is ample space and efficient up-to-date facilities for study, research, and recreation. A collection of over 11,000 pictures, a clipping file, a large pamphlet collection and an interesting group of textbooks and courses of study all serve to meet the needs of the college students. Students can readily 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 and to make the library the real heart of the collegiate work.

Laboratory Schools

The college uses its own campus Laboratory School as well as the public schools at Shippensburg, Chambersburg, Carlisle, Waynesboro, Steelton and Harrisburg for student teaching. These public school organizations give the college students an opportunity to secure practical experience in an elementary school, a junior high school, or a senior high school. While students are doing their practicum for one full semester, they have available the various facilities of the college and the course in Curriculum Materials is integrated with student teaching. A systematic plan has been developed for the Freshmen, Sophomores, and Juniors to visit the public schools. After each visit a brief report is prepared by the student. These prepare the student for student teaching, and furnish the training teachers valuable guidance material. This practice is extremely important in implementing the work given in college classes.

Social Program

Shippensburg is a co-educational college. The enrollment of men has been more than half the total student body. Professional and social activities of many kinds are carried on throughout the year consisting of debating, dramatics, athletics, field days, intramural 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 or mass chest X-rays. A registered nurse is in fulltime 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.

Arrangements have been made by the College whereby students may enroll in the Blue Cross plan for hospital care if they are not already members of their parents' contracts. This voluntary, non-profit plan, sponsored by the hospitals, is a way to assure yourself, and your family if married, the best of hospital care when you need it without worry, debt, or loss of savings.

Capital Hospital Service, Inc., is the Blue Cross plan serving central Pennsylvania.

Conduct

The college recognizes that the 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.

Religious Life

Shippensburg provides many opportunities for wholesome and religious church life. At the beginning of each semester, the names of all students are forwarded to the clergymen of the churches designated by the students, and they are urged to continue their church duties and obligations. Many of the churches have activities to which the students are especially invited.

Among the churches represented in the Shippensburg are, the following are found: Catholic, Church of the Brethren, Church of God, Episcopal, Evangelical United Brethren, Lutheran, Methodist, Nazarene, Presbyterian, Reformed, and United Brethren.

The Purpose of the College

The primary function of the State Teachers College at Shippensburg is the education of teachers for the public schools of the Commonwealth of Pennsylvania. In this educative process there



CORNER OF LOUNGE
STUDENT ACTIVITY BUILDING



COLLEGE BAND BETWEEN HALVES

are certain objectives which the college strives to attain for its students as they follow one of the three curriculums to become teachers for elementary schools, teachers of academic subjects in secondary schools, or teachers of business subjects. These goals which the graduates should have reached by the time they receive their baccalaureate degree are as follows: good cultural background; high ethical standards; broad civic responsibility; social competence; healthy body; well-adjusted mind; keen perception; fundamental subject matter; efficient teaching techniques; sound professional enthusiasm; and a love for people.

The College aims to attain its objectives through the following procedures:

1. Admitting students who have been carefully selected from the graduates of approved secondary schools.
2. Developing and maintaining a competent cooperative faculty.
3. Evaluating the curriculums regularly and adapting them to new needs.
4. Encouraging students in the development of a well-rounded program of extra-class activities.
5. Maintaining channels by which students receive individual and group guidance as it affects their personal, social, economic, political, moral, and spiritual growth.
6. Securing the cooperation of the students, the faculty, and the administration in planning and in working.
7. Providing adequate and enriched experiences for the students in vital professional problems including student teaching.
8. Rendering practical service to the citizens and the public schools of the local service area.
9. Eliminating from the college those students who, after serious cooperative study, show their inability to meet the objectives.

These aims and purposes of the College are significant since the teaching profession provides one of the most important social services. In a large measure our national destiny depends upon the character, intelligence, and devotion of the teachers as well as the efficiency of the public schools. The College believes further that this professional preparation is excellent preparation for general citizenship and for parenthood.

III. Housing Fee:

1. The housing rate for students is \$90.00 per one-half semester, \$60.00 for the regular summer sessions. This includes room, meals and limited laundry. (This rate is subject to change by action of the Board of Trustees.) The charge for room and board includes furniture, bedding, light and heat. Each room accommodates two students. All rooms are provided with single beds for each student.
 - (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.
 - (b) At the discretion of the President of the College, a student may occupy a double room alone, by paying an additional \$36.00 or \$12.00 for the regular summer session.
 - (c) A boarding student may not change to a day student basis without permission of the President of the College and then only at the end of a half semester or the close of a summer session.
 - (d) A boarding student in attendance as a trainee of the U. S. Veterans Administration or an Army or Navy program has the privilege of paying housing fees at the rate of \$45.00 per month, October through May, both months inclusive. Such monthly payments to be made not later than the tenth of the month in which they are due. Summer Session housing fees of a trainee must be maintained on an advanced payment basis. This rate is subject to change by action of the Board of Trustees.
2. Housing rates for employes other than those included in the State Classification Schedule (faculty, clerks, etc.) are \$11.00 per week.
3. The rates for transients are:
Room, \$.50 per night; breakfast, \$.45, lunch, \$.55, dinner, \$.75.

Students having guests overnight who must be provided with dormitory accommodations must introduce them to the Dean of Women in the case of women, Dean of Men in the case of men, and arrange for the payment of the regular room charge of \$.50 per night.

IV. Damage Fee:

Students are responsible for damage, breakage, loss or delayed return of college property.

V. Infirmary Fee:

After three days in the college infirmary, the college charges an additional \$1.00 for each day.

Day students, who may be admitted to the infirmary, pay board at the rate of \$2.00 a day. This charge includes the regular nurse and regular medical service, but does not include special nurse or special medical service.

VI. Tuition Fee:

Students whose residence is out of the State are charged a fee of \$7.50 per semester hour for all work carried. (Out-of-State students do not pay the contingent fee.)

VII. Degree Fee:

A fee of \$5.00 is paid by each candidate to cover the cost of degree diploma.

VIII. Record Transcript Fee:

One dollar (\$1.00) is charged for the second and each subsequent transcript of record. This fee is waived in the case of persons in the armed services of the United States.

IX. Late Registration Fee:

A fee of \$1.00 per day, not exceeding a total of \$5.00 is charged for late registration. The same regulations apply to approved inter-semester payments.

X. Delinquent Accounts:

No student is enrolled, graduated, or receives a transcript of his record until all previous charges have been paid.

B. Deposits**I. Advance Registration Deposit:**

A deposit of \$10.00 is made by students when they request registration. This is a guarantee of the intention of the student to enter college for the term or semester designated.

C. No Other Fees or Deposits Permitted

No fees or deposits, other than as specified above, charged by a State Teachers College.

D. Repayments**I. Repayments Are Not Made:**

1. To students who are temporarily or indefinitely suspended, dismissed, or voluntarily withdrawn from college.

2. For any part of the advance registration deposit, for any cause whatsoever, except where students give notice of intention to withdraw, at least three weeks before the college opens, or when the student is rejected by the college.

II. Repayment

A repayment is made for personal illness, certified to by an attending physician, or for other reasons, approved by 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 the 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.

SUMMARY OF EXPENSE

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

	Half Semester	College Year
*Regular Contingent Fee	\$22.50	\$90.00
Activity Fee	7.00	28.00
Housing Fee (Board, Room, Laundry)	90.00	360.00
Total	\$119.50	\$478.00
*Business Education students pay additional special contingent fee	\$6.00	\$24.00

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 \$118.00. 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 1951-1952

Sept. 10—Payment for first half of first semester.

Nov. 12—Payment for second half of first semester.

Jan. 22—Payment for first half of second semester.

Mar. 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.

Dates for Placement Tests:

Students whose grade places them in the lower half of the high school graduating class shall appear for placement tests at the College on one of the following dates: *June 16, July 21, August 25*. Tests begin at 9:00 a.m. Eastern Daylight Saving Time in the Main Auditorium.

1. Applicants satisfactorily meeting the requirements (1), (2), and (3) above will be admitted for one semester 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
Emotional Stability

- 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 an 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. These 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. See dates for placement tests.

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 taken after September 1, 1927.
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.

SCHOLASTIC PROGRESS

To assist each student, a progress report is secured by the Dean of Instruction each mid-semester when the 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 semester, a permanent grade is recorded for each student, and a copy is sent to the parents. Grades are not reported to the parents of trainees attending the college under the Veterans Administration.

QUALITY POINT SYSTEM

1. Just as there is a quality standard for passing each course so there is a quality standard for completing a curriculum. This is made possible by the establishment of a quality point system which means that students cannot be graduated by merely having passing grades in each course.

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, exclusive of the student teaching requirements. That is, a student must have 128 semester hours of credit to be graduated, and, under the quality point system he must have 116 quality points.
3. 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; a "D" grade, no quality points; a failure grade of "F" gives a minus one quality point for each semester hour. The part dealing with the failure grade became effective September 1, 1949.
4. Students shall not be admitted to student teaching when they have a deficiency of more than six quality points.
5. Students whose quality point—semester hour ratio is below 6.5 at the end of the sophomore year shall not be permitted to register for additional new courses required in their curriculum until their quality point ratio has been raised to a .75 or above. (Effective for all students who entered subsequent to September 1, 1948).
6. 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.

FACULTY ADVISERS

The students are to consider each of their instructors as an official adviser. The instructors of this college study the educational and social background as well as the aptitude and interests of their students. On the office door of each instructor is posted the office hours during which time students are expected to come for help. Many other scheduled conferences are held between the instructors and the students. Problems and difficulties of the students receive patient and sympathetic attention, thus avoiding many pitfalls which ordinarily befall students without such guidance.

STUDENT TEACHING

1. Student teaching is the most essential course provided in the Teachers College. An assignment for the full time of one semester is essential for each student. Learning proper professional attitudes, legal requirements, pupil records, extra class activities, community contacts, as well as classroom techniques are essential parts of student teaching experience.
2. Student teaching may be assigned only to those students who have completed a semester of work at the Shippensburg State Teachers College prior to their student teaching assignment. This applies to students who have attended other colleges.
3. Former college students who have completed some of the required student teaching at Shippensburg are eligible for additional student teaching by extension provided they have had three years of satisfactory teaching experience.
4. Credit may not be given for teaching experience. Where teachers of experience have had some of their student teaching, arrangements for completing the full requirement may be made with the Dean of Instruction.
5. Teachers who have had three or more years of successful teaching experience in the public schools may meet their student teaching requirement by actual student teaching; or perform an assignment of work germane to teaching technique in connection with regular teaching in a public school in keeping with State Council regulations, or completing courses germane to teaching technique where only a few credits remain for the full requirement of twelve credits.

REQUIREMENTS FOR GRADUATION

1. All students are required to take part, without credit, in one physical education activity each semester, in which no physical education work or student teaching is required, and to be active in one other extra-class activity one semester each year.
2. A minimum of 128 semester hours, including all required courses, is required for graduation.
3. A minimum of 116 quality points, in excess of those required in student teaching, are required.
4. The teaching ability of a student shall be satisfactory to the Director of Student Teaching regardless of other credits.
5. Attendance at the Baccalaureate and Commencement exercises is necessary unless very unusual circumstances warrant graduation in absentia. This permission may be granted by the President of the College.
6. All bills and accounts shall be paid.

COMMENCEMENT

There is one commencement exercise held each year, usually the last week in May. At this annual commencement, students who have completed the required work for degrees from the summer of the year preceding to the time of the commencement exercises, constitute the graduating class for that year. All students who complete degree requirements within this one year period are required to participate in all parts of the exercises including the wearing of the cap and gown on the day that degrees are conferred.

CERTIFICATION OF TEACHERS

Pennsylvania law requires an applicant for a teachers certificate to be a citizen of the United States.

A student who receives a college degree after completing a four-year curriculum will be granted a provisional College Certificate, which is issued by the Department of Public Instruction, provided an application has been filled out by the graduate for such a certificate. This provisional college certificate which indicates the subjects the holder is permitted to teach is valid for three years of teaching and is not to be confused with the diploma issued at graduation. It is important to remember that this certificate is not valid for teaching in any other state outside of Pennsylvania.

A College Certificate valid for teaching in the secondary school may be extended to the elementary field by the presentation of thirty semester hours of work in professional education applicable to the secondary school; six of which must be in student teaching. There must be 18 semester hours of credit in the field for which certification is desired.

The Provisional College Certificate may be made permanent after it has been used for three years of successful teaching experience in the appropriate field in the Public Schools of Pennsylvania provided a teacher rating of "middle" or better has been secured and at least six semester hours of additional preparation of Collegiate grade has been completed subsequent to the baccalaureate degree; one half of which credit must be professional, and the remainder related to the subjects or subject fields in which the holder is certified to teach.

PLACEMENT

The College maintains a placement office as part of its public service. Its purpose is to aid students and graduates in obtaining desirable positions as teachers. It will render assistance to school officials in locating well qualified teachers who fit the requirements of vacancies in the schools of the Commonwealth.

Each senior is requested to enroll with the placement office during the time they are doing their student teaching. While the placement office does not guarantee a position, it offers without cost, opportunities which would not otherwise be available. Alumni and school officials are urged to use this school service and to cooperate in making the service more reliable and worthwhile for both the student and the schools to be served.

AWARDS AND SCHOLARSHIPS

State Scholarships

Holders of State Scholarships may attend State Teachers Colleges and use the Scholarship award toward meeting their expenses. The Senatorial Scholarships do not apply to State Teachers Colleges.

Scholarship Prizes

The class of 1908 offers a yearly prize of ten dollars to the student having the highest average at graduation from one of the curricula in elementary education. This prize was awarded on Commencement Day, 1950 to William Earp, Yeagertown, Pennsylvania.

Public Speaking Prize

The class of 1915 offers a yearly prize of five dollars for excellence in public speaking. The prize for 1950 was awarded to Sheldon Richards, Orrstown, Pennsylvania.

BPW Scholarship

The Business and Professional Women's Club of Shippensburg has established a Scholarship Loan Fund which provides money to help pay the college fees for a worthy student who is a graduate of the Shippensburg High School. The club selects the student, and applications should be made directly to the President of the club who will furnish all details. Payments will cease upon the student's withdrawal or failure to maintain average or better than average record in scholarship, character and citizenship.

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 in-

terest 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 Township, Dauphin County. Persons interested in and qualified for these scholarships should apply to the President of 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 President of the College.

Junior Civic Club Scholarship

The Junior Civic Club of Shippensburg has established a scholarship fund which provides sufficient money to pay the college fees for one student. The Club selects the student and application should be made directly to the President of the Club. Each new award is made when the scholarship student in college graduates, voluntarily withdraws, or does not maintain satisfactory grades.

College Club Scholarship

The College Club of Shippensburg provides several \$50 scholarships to graduates of the Shippensburg High School who are definitely interested in teaching. Each high school graduate selected for this scholarship receives \$50 a year toward college expenses until graduation, withdrawal, or failure to maintain better than an average college record. Students interested in this scholarship should consult the high school principal.

Work Opportunities

At the College there are opportunities for part-time employment. These part-time jobs are limited mainly to upper-classmen who are definitely in need of financial aid, who have demonstrated their ability to do satisfactory academic work, and have proven themselves to be worthy college citizens. These positions are confined to work in the kitchen, dining room, library, offices, and in janitorial duties. Application for such employment should be made to the President of the College on regular forms provided.

There are occasional work opportunities for part-time employment in the community. Students who have had experience in

stores, garages, and other types of work can, at times, find odd jobs to do in and around Shippensburg. These jobs are usually for men and should be obtained through the Dean of Men.

There is a reasonable amount of work opportunities in private homes where students can receive payment by the hour or in terms of board or room. Students may make these contacts through friends, alumni, business manager, or the Dean of Women prior to the beginning of each semester. However, students and their parents, or guardians, assume responsibility for such arrangements in private homes.

The Hannah A. Kieffer Rural Scholarship Loan

Miss Hannah A. Kieffer, a former instructor in the College, bequeathed a sum of money to the College as a loan fund for scholarships for the sole use of needy students majoring in Rural Education. Students who are interested, and who qualify for this loan should apply through the College President.

THE ALUMNI LOAN FUND

This fund is the result of money contributed by various groups and individuals for the purpose of helping students who need financial aid. The fund is administered and controlled by a board composed of three alumni members, the College President, and the College Business Manager.

A member of the Junior or Senior Class who is in need of assistance may secure an application blank from the President of the College and apply for aid according to the constitution adopted to administer the fund. Loans may be made to students who are in the last half of their college career. The maximum loan is set at one hundred dollars per semester, the exact amount being determined by the board in accordance with the merits of the case and the status of the fund.

This fund now has a total of approximately \$8,000, a large percentage of which has been in use. Some of the money has been given in the form of so-called Alumni Scholarship Loans in memory of, or in honor of, certain individuals and some has been left by classes either at graduation time or at a later class reunion. The following is a list of the recorded and known donors along with the names thus honored:

- Prof. John F. McCreary*—Gift of Metropolitan Alumni Association.
- Dr. George M. D. Eckels*—Gifts of the Class of 1898 and Alumni Groups.
- Prof. J. W. Hughes*—Gift of the Class of 1893.
- Dr. Joseph F. Barton*—Gifts of L. M. Shepp, 1896, Millersburg, Pa., and Alumni Groups.
- Dr. James Eldon*—Gift of the Class of 1921.
- Prof. and Mrs. C. I. Penny*—Gift of the Class of 1886.
- H. Milton Roth*—Gift of the Class of 1899.
- The Ada V. Horton Scholarship Fund*—Gifts of the Alumni of York County, Class of 1893 and Class of 1911.
- Ezra Lehman Scholarship Fund*—Class of 1896.
- In Memory of John and Sarah Nesbit Early*—Gift of Anna E. Early.
- Class of 1890*—Gift of John M. Fogelsanger, 1890, and H. K. Strickler, 1890.
- Class of 1896 Fund.*
- Class of 1901 Fund.*
- Class of 1907 Fund.*
- Class of 1922 Fund.*
- Class of 1931.*
- Class of 1932.*
- Adams County Alumni.*
- Country Life Club.*
- Franklin County Chapter of the Daughters of the American Revolution.*
- Y. W. C. A. Scholarship Loan Fund.*
- Women's Athletic Association Loan Fund.*

The Curriculums

The Curriculums 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 fields; education for teaching in the field of business education. All curriculums 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.

NEW EMPHASIS

For the past two years under the direction of the State Curricular and Credentials Committee, faculty members representing each college and every field of instruction have studied and planned readjustments and changes in the curriculums.

The committee has tried to hold to a broad basis of general education—the common learnings necessary for living in the social and the physical environment—the development of the arts and skills of communication common to cultured people, the understanding and acceptance of the higher moral, aesthetic and spiritual values, and the essential knowledge and habits necessary to maintain mental and physical well being.

Those professional courses and experiences recognized as basic or required by law or regulation for all teachers have been included and, in addition to them, the specific training designed for competency at various age levels and in various fields of teaching has been provided.

The committee proposes the outlines of courses in the elementary, secondary and the special fields as a basis for use and continuing study of more effective materials and methods of fulfilling the purpose for which the teachers colleges of Pennsylvania were established—"the education and preparation of teachers" for the public schools of the Commonwealth.

SELECTION OF CURRICULUM

Curriculum and areas of specialization should be selected with care and with the advice of college authorities. Many students will undertake graduate study after completing the undergraduate preparation for teaching. Since requirements for admission to graduate schools vary widely, not only with different

schools, but with the fields of study within a given school, undergraduates are advised to explore during the junior and senior years the opportunities and requirements for graduate study in their chosen fields to enable them to meet the special requirements wherever possible.

ELEMENTARY CURRICULUM

The curriculum for the preparation of elementary teachers is one of the best in the country. It provides a broad academic background in addition to the various professional courses necessary for an elementary teacher. Every course is given with a distinctive purpose.

Professional Opportunities

For the past twenty years the demand for teachers completing the elementary curriculum has surpassed the supply. Recently the shortage of elementary teachers has been most critical and the graduate in this field has had the privilege of choosing one of many offers. The demand has been so great that a number of students have accelerated their program through attending the summer sessions, thus graduating in less than the regular four year period.

Elementary teachers in Pennsylvania receive the same beginning salary as teachers in high schools. Teachers in rural districts where the cost of living is usually lower, receive the same initial salary as teachers in larger towns and cities. Teaching experience in the elementary field is very advantageous for young men and women who desire to become administrators, supervisors, or specialists.

Graduates of the elementary curriculum may have their College certificate extended to include the secondary fields by attending school several summer sessions. Graduates in the secondary curriculum may have their college certificate extended to include the elementary field by completing thirty additional hours of appropriate professional courses. In past years a number of students who completed the secondary curriculum have taken this added work in the elementary field and have made rapid progress in the profession.

ELEMENTARY CURRICULUM COURSES

(Sequence of courses subject to change for administrative reasons)

	Cl. Sem Hrs. Hrs.		Cl. Sem. Hrs. Hrs.
FIRST SEMESTER		FOURTH SEMESTER	
Communications I	5 5	World Culture II	5 5
or English I (3-3)		or Literature II (2-2)	
and Speech I (2-2)		and Social Studies II (3-3)	
Professional Orientation . . .	3 3	Audio-Visual Education . . .	3 2
Basic Biology	4 3	Teaching of Music in the	
Health	2 2	Elementary Grades	4 3
World Geography	3 3	Teaching of Art in the	
—	—	Elementary Grades	4 3
Total	17 16	*Physical Education III . . .	2 1
		Electives	2 2
		—	—
		Total	20 16
SECOND SEMESTER		FIFTH SEMESTER	
Communications II	5 5	History of the United States	
or English II (3-3)		and Pennsylvania I	3 3
and Speech II (2-2)		Language Arts in the Ele-	
**Introduction to Art	3 2	mentary Grades	9 9
**Introduction to Music . . .	3 2	or Teaching of Read-	
Basic Physical Science	4 3	ing (3-3)	
*Physical Education I	2 1	Language (3-3)	
Geography of the United		Children's Literature (3-3)	
States and Pennsylvania . .	3 3	General Psychology	3 3
—	—	Teaching of Health and	
Total	20 16	Physical Education	3 2
		—	—
		Total	18 17
THIRD SEMESTER		SIXTH SEMESTER	
World Culture I	5 5	History of the United States	
or Literature I (2-2)		and Pennsylvania II	3 3
and Social Studies I (3-3)		Child Development	3 3
Music for the Elementary		Social Living in the Element-	
Grades	2 2	ary Grades	9 9
*Physical Education II	2 1	or Teaching of	
Science for the Elementary		Arithmetic (3-3)	
Grades	3 3	Elementary Science (3-3)	
Art for the Elementary		Social Studies and	
Grades	2 2	Geography (3-3)	
Electives	3 3	Educational Psychology and	
—	—	Evaluative Techniques . . .	3 3
Total	17 16	—	—
		Total	18 18

SEVENTH SEMESTER	EIGHTH SEMESTER
American Citizenship 6 6	Student Teaching and Direction of Student Activities .30 12
Option I Home and Family Living (3-3) and American Government (3-3)	Professional Practicum including School Law 2 2
Option II Introduction to Philosophy . (3-3) and American Government (3-3)	Total32 14
Electives 9 9	
Total15 15	

*Physical Education I, II, and III may be individual or group activity.

**All or any part of these courses (1-3 s.h.) may be scheduled as a part of the unit in World Culture.

A student may be given the privilege of taking an examination in any subject matter area for the purpose of securing exemption from taking a course. A student shall be given credit for a course in which he registers and in which he demonstrates competence by a qualifying examination.

SECONDARY CURRICULUM

The curriculum for the preparation of secondary teachers is flexible in regard to the selection of units and minor fields of concentration. These fields of concentration include the fields in which the student is currently engaged in teaching. The number of units for each of these fields is determined by the student's own choice of units. The student may also elect to take units in other fields, especially in the fields of English and social studies.

There is a demand for teachers who possess advanced degrees in subject fields. This curriculum is so devised that a student can complete a sufficient number of courses in an advanced field to give the necessary foundation for such advanced degrees.

SPECIALIZATION AND ELECTIVES

Provisional College Certificates issued on the basis of the four year elementary curriculum are valid for kindergarten and Grades One to Six inclusive and for Grades Seven and Eight if not in an approved junior high school or a junior-senior high school.

Students may specialize in Early Childhood, in Intermediate grade, or in upper grade teaching by selecting appropriate electives.

(Required)

Courses listed in the elementary curriculum outline.

(Electives)

	Cl.	Sem.
	Hrs.	Hrs.
Child Adjustment	3	3
Child Development	3	3
Child Psychology	3	3
Creative Activities in the Elementary School	3	3
Diagnostic and Remedial Reading	3	3
Pre School Education	3	3
School and Community	3	3
Speech Problems	3	3
Teaching the Exceptional Child	3	3

Students may also elect courses in academic fields and special curriculums offered at the college.

SECONDARY CURRICULUM

The curriculum for the preparation of secondary teachers is flexible because of the selection of major and minor fields of concentration. These fields of concentration become the fields in which the student is certificated to teach. During the past number of years the demand for teachers of science and mathematics has more often exhausted the supply than in some other fields especially English and social studies.

There is a demand for teachers who possess advanced degrees in subject fields. This curriculum is so devised that a student can complete a sufficient number of courses in an academic field to give the necessary foundation for such advanced degrees.

SECONDARY CURRICULUM COURSES

(Sequence of courses subject to change for administrative reasons)

	Cl. Sem. Hrs. Hrs.		Cl. Sem. Hrs. Hrs.
FIRST SEMESTER		FIFTH SEMESTER	
Communications I	5 5	History of the United States and Pennsylvania I	3 3
or English I (3-3) and Speech I (2-2)		Audio-Visual Education	3 2
Basic Biology	4 3	General Psychology	3 3
Health	2 2	Electives	8 8
World Geography	3 3		
Electives	2 2	Total	17 16
Total	16 15		
SECOND SEMESTER		SIXTH SEMESTER	
Communications II	5 5	History of the United States and Pennsylvania II	3 3
or English II (3-3) and Speech II (2-2)		Problems of Secondary Ed- ucation, including Guid- ance	3 3
Basic Physical Science	4 3	Educational Psychology and Evaluative Techniques	3 3
*Physical Education I	2 1	Electives	7 7
Professional Orientation	3 3		
Fundamentals of Mathema- tics	3 3	Total	16 16
Electives	2 2		
Total	19 17		
THIRD SEMESTER		SEVENTH SEMESTER	
World Culture I	5 5	American Citizenship	6 6
or Literature I (2-2) and Social Studies I (3-3)		Option I Home and Family Living (3-3) and American Gov- ernment (3-3)	
**Introduction to Art	3 2	Option II Introduc- tion to Philosophy (3-3) and American Gov- ernment (3-3)	
*Physical Education II	2 1	Electives	10 10
Science in Modern Civiliza- tion	3 3		
Electives	6 6	Total	16 16
Total	19 17		
FOURTH SEMESTER		EIGHTH SEMESTER	
World Culture II	5 5	Student Teaching and Di- tion of Student Activi- ties	30 12
or Literature II (2-2) and Social Studies 2 (3-3)		Professional Practicum in- cluding School Law	2 2
**Introduction to Music	3 2		
*Physical Education III	2 1	Total	32 14
Electives	9 9		
Total	19 17		
GRAND TOTAL			128

*Physical Education I, II, and III may be individual or group activity.

**All or any part of these course (I-III S. H.) may be scheduled as part of the unit in World Culture.

Graduation requirements for this curriculum include specialization in not less than two teaching fields expect in the general field of science where no second field is required .

1. First field

The minimum number of semester hours required for a first field of specialization is:

General field of Science	38.
English	35
Social Studies	30
Social Science	30
History	30
Biological Science	30
Physical Science	30
Chemistry	30
Physics	30
Geography	24
Mathematics	24
Aeronautics	24
General Speech	24
French	24
German	24
Spanish	24
Latin	24

2. Second field

The second field requires not fewer semester hours than the minimum necessary for certification.

A student may be given the privilege of taking an examination in any subject matter area for the purpose of securing exemption from taking a course. A student shall be given credit for a course in which he registers and in which he demonstrates competence by a qualifying examination.

AREAS OF SPECIALIZATION

AERONAUTICS

(First field 24 S. H.; Second field 18 S. H.)

(Required)		(Electives)	
	Cl. Sem. Hrs. Hrs.		Cl. Sem. Hrs. Hrs.
Aviation Mathematics	3 3	Aircraft Engines	12 6
Aircraft Communications and Regulations	3 3	Identification of Aircraft ..	3 3
General Service and Struc- ture of Aircraft	3 3	Climatology	3 3
Aerial Navigation	3 3	Commercial Air Transporta- tion	3 3
Meteorology	3 3	Flight Experience - Variable Credit	3-6
Aerodynamics and Theory of Flight	3 3		

BIOLOGICAL SCIENCE

(First field 30 S. H.;
Second field 18 S.H.)

Students demonstrating competence to specialize in Biological Science will not be required to take Basic Biology.

Cl. Sem.
Hrs. Hrs.

(Required)

Botany I	6	4
Botany II	6	4
Zoology I	6	4
Zoology II	6	4
Teaching Science in the Secondary School	3	3

(Electives)

(at least on course to be selected from each group below)

Group 1. Field Course

Field Botany	5	3
Ornithology	5	3
Entomology	5	3
Ecology	5	3
Field Zoology	5	3

Group 2. Laboratory Courses

Vertebrate Anatomy	5	3
Physiology	5	3
Microbiology	5	3
Parasitology	5	3
Genetics	5	3

CHEMISTRY

(First field 30 S. H.;
Second field 18 S. H.)

Students demonstrating competence to specialize in Chemistry will not be required to take Basic Physical Science.

(Required)

Inorganic Chemistry I	6	4
Inorganic Chemistry II	6	4
Qualitative Analysis	7	3
Quantitative Analysis	7	3
Physics I	6	4
Physics II	6	4
Teaching of Science in the Secondary School	3	3

Cl. Sem.
Hrs. Hrs.

(Electives)

Organic Chemistry I	6	4
Organic Chemistry II	5	3
Biological Chemistry	6	3
Physical Chemistry	5	3
Colloidal Chemistry	6	3
Industrial Chemistry	5	3
Chemistry of Foods and Nutrition	6	3
Water Analysis	4	2

PHYSICAL SCIENCE

(First field 30 S. H.;
Second field 18 S. H.)

Students demonstrating competence to specialize in physical science will not be required to take Basic Physical Science.

(Required)

Chemistry I	6	4
Chemistry II	6	4
Physics I	6	4
Physics II	6	4
Teaching Science in the Secondary school	3	3

(Electives)

To be selected from Chemistry, Earth Science or Physics.

GENERAL FIELD SCIENCE

(First field only 38 S. H.)

Students demonstrating competency to specialize in General Science will not be required to take Basic Biology or Basic Physical Science.

(Required)

Botany I	6	4
Botany II	6	4
Zoology I	6	4
Zoology II	6	4
Inorganic Chemistry I	6	4
Inorganic Chemistry II	6	4
Earth Science	3	3
Physics I	6	4
Physics II	6	4
Teaching Science in the Secondary Schools	3	3

PHYSICS

(First field 30 S. H.;

Second field 18 S. H.)

Students demonstrating competence to specialize in Physics will not be required to take Basic Physical Science.

Cl. Sem.
Hrs. Hrs.

(Required)

Physics I	6	4
Physics II	6	4
Inorganic Chemistry I	6	6
Inorganic Chemistry II	6	4
Teaching of Science in the Secondary School	3	3
(Electives)		
Magnetism and Electricity .	6	4
Mechanics	6	4
Heat	6	4
Electronics	5	3
Optics	5	3
Sound	5	3
Physical Measurements	5	3
Physical Measurements	Variable	

Note: College Algebra and Trigonometry and prerequisite for specializing in Physics as a first field.

ENGLISH

(First field 35 S. H.;

Second field 18 S. H.)

(Required)

Communications I	5	5
or English I	(4-3)	
Speech I	(2-2)	
Communications II	5	5
or English II	(3-3)	
Speech II	(2-2)	
*World Culture I ..	(5-5)	
or General Literature I ...	2	2
Social Studies I ...	(3-3)	
*World Culture II .	(5-5)	
*World Culture II .	(5-5)	
or General Literature II ...	2	2
Social Studies II ..	(3-3)	
Recent Trends in Teaching English	3	3
(Restricted Electives)		

At least one course must be selected from each of Groups 1, 2, 3, and 4

Group 1. Survey Courses:

American Literature	3	3
English Literature	3	3

Cl. Sem.
Hrs. Hrs.

American Poetry	3	3
American Prose	3	3
Children's Literature and Story Telling	3	3
Group 2. Period Courses:		
Pre-Shakespearean Literature	3	3
Shakespeare	3	3
Eighteenth Century Literature	3	3
The Romantic Movement ..	3	3
Victorian Literature	3	3
Group 3. Literary form Courses:		
Criticism	3	3
Modern Drama	3	3
The Novel to 1870	3	3
Contemporary Novel	3	3
Essay	3	3
Contemporary Poetry	3	3
Short Story	3	3
Literature of Biography ...	3	3
Group 4. Composition:		
Creative Writing	3	3
Journalism	3	3
Advanced Composition ...	3	3
English Philology and Grammar	3	3

*World Culture I and II are composite courses. Each course will carry 2 S. H. toward certification in English.

FRENCH

(First field 24 S. H.;

Second field 18 S. H.)

(Required)

French 1	3	3
French 2	3	3
French 3	3	3
French 4	3	3

(Electives)

French 5—Survey of Literature	3	3
French 6—Survey of Literature	3	3
French 7—Advanced Language and Techniques	3	3
French 8—French Classical Drama	3	3
French 9—French Literature of the 19th Century .	3	3
French 10—Development of the French Novel	3	3

GERMAN
(First field 24 S. H.;
Second field 18 S. H.)

	Cl. Sem.	Hrs. Hrs.
(Required)		
German 1	3	3
German 2	3	3
German 3	3	3
German 4	3	3

(Electives)

German 5 and 6—Survey of German Literature	3	3
German 7—Intensive Grammar and Teaching Techniques	3	3
German 8—Advanced Conversation and Composition	3	3
German 9—Special Projects	3	3
German 10—The Drama in German Literature	3	3
German 11—Lyric Poetry in German Literature	3	3

LATIN
(First field 24 S. H.;
Second Field 18 S. H.)

	Cl. Sem.	Hrs. Hrs.
(Required)		
Latin 1—Ovid and Virgil .	3	3
Latin 2—Livy	3	3
Latin 3—Cicero and Tacitus Selections	3	3
Latin 4—Horace	3	3
Latin 5—Plautus and Terence	3	3
Latin 6—Roman Civilization	3	3

Note: To specialize in Latin, students must present not less than two years of secondary school Latin and demonstrate competence to specialize in this field.

SPANISH
(First field 24 S. H.;
Second field 18 S. H.)

	Cl. Sem.	Hrs. Hrs.
(Required)		
Elementary Spanish I and II	6	6
Intermediate Spanish I and II	6	6
Introduction to Spanish Literature	3	3
Spanish Conversation	3	3

(Electives)

Advanced Spanish Conversation	3	3
Commercial Spanish	4	4
Spanish-American Literature	6	6
Contemporary Spanish Drama	6	6

GEOGRAPHY
(First field 24 S. H.;
Second field 18 S. H.)

	Cl. Sem.	Hrs. Hrs.
(Required)		
World Geography	3	3
Teaching Geography in Secondary Schools	3	3

(Restricted Electives)

At least two courses must be chosen from each group.

Group 1. Earth Studies:

Climatology	3	3
Geology	3	3
Meteorology	3	3
Physiography	3	3
Cartography	3	3

Group 2. Economics:

Economic Geography	3	3
Commercial Air Transportation	3	3
Conservation of Natural Resources	3	3
Geographic Influence in American History	3	3
Trade and Transportation .	3	3

Group 3. Regional Studies:

Geography of the United States and Pennsylvania ..	3	3
Geography of Pennsylvania	3	3
Geography of Asia	3	3
Geography of Africa and Australia	3	3
Geography of Europe	3	3
Geography of the Far East .	3	3
Geography of Latin America	3	3
Geography of the United States and Canada	3	3
World Problems in Geography	3	3
Field Courses (as approved)	3	3

MATHEMATICS		Cl. Sem.	Hrs. Hrs.
(First field 24 S. H.;			
Second field 18 S. H.)			
(Required)			
	Cl. Sem.		
	Hrs. Hrs.		
College Algebra	3	3	
Trigonometry	3	3	
Analytic Geometry	3	3	
Calculus I (Differential)	3	3	
Calculus II (Integral)	3	3	
Teaching Mathematics in Secondary Schools	3	3	
(Electives)			
Advanced College Algebra	3	3	
Synthetic Geometry	3	3	
Spherical Trigonometry and Navigation	3	3	
Statistics	3	3	
History of Mathematics	3	3	
College Geometry	3	3	
Field Work in Mathematics	3	3	
Calculus III	3	3	
Mathematics of Finance	3	3	
GENERAL SPEECH			
(First field 24 S. H.;			
Second field 18 S. H.)			
(Required)			
*Communications I . (5-5)			
English Composition			
I	(3-3)		
Speech I	2	2	
*Communications II (5-5)			
English Composition			
II	(3-3)		
Speech II	2	2	
Phonetics and Voice	3	3	
Oral Interpretation	3	3	
Play Production	3	3	
Speech Program in Second- ary Schools	2	2	
(Electives)			
Stagecraft, Scenic Design and Lighting	3	3	
Debate, group discussion and Parliamentary Proce- dure	3	3	
Radio I	3	3	
Radio II	3	3	
Creative Dramatics and Story Telling	3	3	
Costume and Make-up	3	3	
Choral Speaking	3	3	
Community Dramatics and Pageants	3	3	
Speech Development and Im- provement	3	3	
Speech Problems	3	3	
*Communications I and II are composite courses. Each course will carry 2 S. H. credit toward special- ization.			

SOCIAL STUDIES

(First field 30 S. H.; 15 in History,
15 in Social Science)Cl. Sem.
Hrs. Hrs.

(Required)

*World Culture I . (5-5)		
or Social Studies I	3	3
and Literature I (3) (2-2)		
*World Culture II (5-5)		
or Social Studies II	3	3
and Literature II		
History of the United States and Pennsylvania I	3	3
History of the United States and Pennsylvania II	3	3
American Citizenship	6	6
or American Govern- ment (3-3)		
and Home and Fam- ily Living (3-3)		
or Living Issues in Philosophy (3-3)		
Principles of Sociology	3	3
Principles of Economics	3	3

(Electives)

History of Europe to 1815	3	3
History of Europe since 1815	3	3
History of Pennsylvania	3	3
History of England	3	3
20th Century World	3	3
Diplomatic History of the United States	3	3
International Relations 1919 to Present	3	3
History of Latin America	3	3
Renaissance to Reformation	3	3
History of the Middle East and India	3	3
History of the Far East	3	3
Contemporary Social Prob- lems	3	3
Contemporary Economic Problems	3	3
Municipal Government	3	3
Comparative Government	3	3
Consumer Education	3	3
Industrial Relations	3	3

*World Culture I and II are composite courses. Credit in each is 3 S. H. for certification in Social Studies.

HISTORY

(First field 30 S. H.;
Second field 18 S. H.)

(Required)

Cl. Sem.
Hrs.Hrs.

*World Culture I . (5-5)		
or Social Studies I	3	3
and Literature I (3) (2-2)		
*World Culture II (5-5)		
or Social Studies II	3	3
and Literature II (3) (2-2)		
History of the United States and Pennsylvania I	3	3
History of the United States and Pennsylvania II	3	3
**American Citizen- ship or American Government (3-3)		
or Introduction to and home and Fam- ily Living (3-3)		
Philosophy (3-3)		
(Electives)		

History of Europe to 1815	3	3
History of Europe since 1815	3	3
History of Pennsylvania	3	3
History of England	3	3
20th Century World	3	3
Diplomatic History of the United States	3	3
International Relations 1919 to present	3	3
History of Latin America	3	3
Renaissance to Reformation	3	3
History of the Middle East and India	3	3
History of the Far East	3	3
History of Russia	3	3
Principles of Sociology	3	3
Principles of Economics	3	3

*World Culture I and II are composite courses. Each course will count 3 S. H. toward certification in History.

**American Citizenship will not count toward second field.

BUSINESS EDUCATION CURRICULUM

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

Young men and women who graduate from the high school academic, business, or general course are afforded a splendid opportunity to obtain preparation in teaching techniques and in business skills.

Purpose

The purpose of the curriculum in Business Education is to provide thorough and systematic preparation 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 Sequence

The Department of Business Education offers four teaching sequences: General Business, Secretarial, Retail Selling, and Accounting. The General Business sequence leads to certification in the three major fields of business—shorthand, typewriting, and accounting. The Secretarial, Retail Selling, and Accounting 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, business arithmetic, economics, clerical practice, business English and junior business training is secured.

Equipment

Modern office machines are a part of the equipment of the Department. Calculating and adding machines, posting machines, duplicating equipment—mimeograph, mimeoscopes, Ditto—dictating and transcribing units, and other up-to-date office 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. The demand for stenographic and typewriting teachers far surpasses the supply. 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 prepared 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 preparation. 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.

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.
5. To be graduated with a Retail Selling Sequence, two semesters of Accounting credit are required.

BUSINESS EDUCATION CURRICULUM COURSES

Sequence of courses subject to change for administrative reasons

Basic First Year

FIRST SEMESTER

	Cl.	Cr.
Communications I	5	5
or English I	(3-3)	
and Speech I	(2-2)	
Business Mathematics I ...	3	3
Introduction to Art	3	2
Basic Biology	4	3
Economic Geography	3	3
Health	2	2
Total	20	18

SECOND SEMESTER

	Cl.	Cr.
Communications II	5	5
or English II	(3-3)	
and Speech II	(2-2)	
Introduction to Music	3	2
Basic Physical Science	4	3
Professional Orientation ...	3	3
Physical Education I	2	1
Accounting I	4	3
Total	21	17

THIRD SEMESTER

	Combined Sequence		Stenog. Sequence		Acct. Sequence		*Retail Selling Sequence	
	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.
World Culture I	5	5	5	5	5	5	5	5
or History of Civiliza- tion I	(3-3)							
and Literature I	(2-2)							
Sales & Retail Selling	3	3	3	3	3	3	3	3
Accounting II	4	3	—	—	4	3	4	3
Shorthand I	4	3	4	3	—	—	—	—
Typewriting I	4	2	4	2	4	2	4	2
Physical Education II	2	1	2	1	2	1	2	1
Elective	—	—	3	3	—	—	3	3
Total	22	17	21	17	18	14	21	17

FOURTH SEMESTER

World Culture II	5	5	5	5	5	5	5	5
or Economics I	(3-3)							
and Literature II	(2-2)							
General Psychology	3	3	3	3	3	3	3	3
Shorthand II	4	3	4	3	—	—	—	—
Typewriting II	4	2	4	2	4	2	4	2
Accounting III	3	3	—	—	3	3	—	—
Physical Education III	2	1	2	1	2	1	2	1
Electives	—	—	3	3	3	3	6	6
Total	21	17	21	17	20	17	20	17

*Nine (9) semester hours of Retail Selling electives necessary for certification in this sequence.

FIFTH SEMESTER

	Combined Sequence		Stenog. Sequence		Acct. Sequence		Retail Selling Sequence	
	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.
Educational Psychology and Evaluative Techniques	3	3	3	3	3	3	3	3
Shorthand III, Transcription	4	3	4	3	—	—	—	—
Typewriting III, Applications	4	2	4	2	—	—	—	—
Accounting IV	3	3	—	—	3	3	—	—
Business Law I	3	3	3	3	3	3	3	3
Problems of Secondary Business Education	3	3	3	3	3	3	3	3
Electives	—	—	3	3	5	5	8	8
	—	—	—	—	—	—	—	—
Total	20	17	20	17	17	17	17	17

SIXTH SEMESTER

Business Correspondence	3	3	3	3	3	3	3	3
Secretarial Practice	5	2	5	2	—	—	—	—
Business Law II	3	3	3	3	3	3	3	3
Economics II or House & Family Living	3	3	3	3	3	3	3	3
Audio-Visual Education	3	2	3	2	3	2	3	2
Methods of Teaching Business Education	3	3	3	3	3	3	3	3
Electives	—	—	—	—	2	2	2	2
	—	—	—	—	—	—	—	—
Total	20	16	20	16	17	16	17	16

SEVENTH SEMESTER

	Combined Sequence		Stenog. Sequence		Acct. Sequence		Retail Selling Sequence	
	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.	Cl.	Cr.
Business Organization	2	2	2	2	2	2	2	2
Mathematics of Finance	2	2	2	2	2	2	2	2
Clerical Practice and Office Machines	5	2	5	2	5	2	5	2
Accounting V	—	—	—	—	3	3	—	—
American Government	3	3	3	3	3	3	3	3
History of the United States and Pennsylvania	3	3	3	3	3	3	3	3
	—	—	—	—	—	—	—	—
Total	15	12	15	12	18	15	15	12

EIGHTH SEMESTER

Student Teaching and Direction of Student Activities	30	12	30	12	30	12	30	12
Professional Practicum includ- ing School Law	2	2	2	2	2	2	2	2
	—	—	—	—	—	—	—	—
Total	32	14	32	14	32	14	32	14

Degree Curriculum for Dental Hygienists

The degree of Bachelor of Science in Education may be conferred upon dental hygienists by meeting the following requirements:

1. The possession of a valid license to practice dental hygiene in the Commonwealth of Pennsylvania issued by the State Dental Council and Examining Board and the Department of Public Instruction.

"The professional education requirement for dental hygiene is the satisfactory completion of an approved dental hygienist course of instruction of two years of not less than thirty-two weeks of not less than thirty hours each week or its equivalent in and graduation from a dental hygiene school approved by the State Dental Council and Examining Board."*

2. The satisfactory completion in addition thereto of 64 semester hours of professional and general education courses distributed as follows:

	Semester Hours
A. Education	11
(1) Professional Orientation	3
(2) General Psychology	3
(3) Educational Psychology and Evaluative Techniques	3
(4) Audio-Visual Education	2
B. General Education	41
(1) Communications I	5
or English I	(3-3)
and Speech I	(2-2)
Communications II	5
or English II	(3-3)
and Speech II	(2-2)
(2) Fine Arts	4
a. Introduction to Art	2
b. Introduction to Music	2
(3) Geography	6
a. Principles of Geography	3
b. World Geography	3
(4) World Culture I	5
or Literature I	(2-2)
and Social Studies I	(3-3)
World Culture II	5
or Literature II	(2-2)
and Social Studies II	(3-3)
(5) Social Studies	11
a. American Government	3
b. Economics	3
c. History of the United States and Pennsylvania	3
d. Sociology	2
C. Electives	12
Total	64

In each category above, credit will be given for equivalent courses pursued in the two year dental hygiene curriculum. In such cases students must increase their electives by the number of semester hours so credited.

In the case of dental hygienists who had less than two years of specialized training on the basis of which they were licensed to practice dental hygiene, proportional credit will be given. Such persons must pursue additional general education courses in college to make up the deficiency.

Electives may be chosen with the approval of the Dean of Instruction from any field or curriculum offered at the college in which the student is enrolled.

This curriculum became effective January 23, 1951.

*Bulletin 644, 1950: Rules and Regulations for Applicants for Admission to Examination for Licensure to Practice Dentistry and Dental Hygiene and Examination Procedures.

Public School Nurses Curriculum

The degree of Bachelor of Science in Education may be conferred upon registered nurses who meet the following requirements:

1. The satisfactory completion of a three year curriculum in an approved school of nursing and registration by the State Board of Examiners for the Registration of Nurses of Pennsylvania.
2. The satisfactory completion of forty-five (45) semester hours of additional preparation distributed as follows:

A. Courses related to public school nursing

	Sem. Hrs.
Public School Nursing	2
Public School Organization	2
Public Health Nursing	6
Nutrition and Community Health	2
Family Case Work	3
Total	15

B. General and Professional Education

	Sem. Hrs.
History of the United States and Pennsylvania	3
Communications	5
World Culture	5
American Government	3
Professional Orientation to Education	3
Education Psychology	3
Audio-Visual Education	2
Total	24
* GRAND TOTAL	39

In the case of nurses with less than three years preparation for registration, such persons will pursue additional courses to meet the requirements for the degree.

COURSES OF INSTRUCTION

The designation of course numbers has been omitted as have some descriptions. This is because the State Teachers College committee has not completed its work in the development of aims and objectives for all the courses set up in the new curriculum. This work will be completed during the 1951-1952 college year.

THE ARTS

Art

—Appreciation of Art

The purpose of this course is to develop sound aesthetic judgment; appreciation of fine design in the graphic and plastic arts of our daily environment; an awareness of natural beauty and an appreciation of the works of art through the knowledges and application of the elements of art and the principles of design.

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 course in art. When the required proficiency is attained, the course may be dropped.

2 class periods per week. No credit

—Art I (Painting and Drawing)

This course is designed to acquaint the student with the various art media; to give knowledge and practice in color, design, figure drawing, lettering, posters, and illustration. Emphasis is placed on the current theory and practice of art in the elementary school.

2 semester hours

—Art II (Arts and Crafts)

Experience in planning and developing craft problems, suitable for the elementary school, in clay, cardboard, soap, leather, metal, cloth, paper mache, and block printing.

2 semester hours

MUSIC

—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 are the victrola, the radio, the music library, and the piano. The course stresses the importance of music as a means to a fuller and more complete life. 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

—Music I

This course is designated 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

—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 CURRICULUM**Required Business Courses for All Business Education Students****—Business Mathematics I**

This is a review of the fundamental processes with emphasis on speed and accuracy through adequate drill and practical application in the handling of the fundamental business operations. The course is designed to lay the groundwork for the mathematics of accounting.

3 semester hours

—Business Mathematics II

The purpose of this course is to train students to apply principles of business mathematics with speed and accuracy and to solve advanced problems encountered by the business man and the consumer. The mathematics of production, marketing, personal finance, and management correlate with accounting.

3 semester hours

—Typewriting I

This course emphasizes a sound mastery of the keyboard and the ordinary operative parts of the typewriter. The subject matter ranges from introductory drills through paragraph and article writing to applications in simple letters and tabulations. Diagnostic and corrective work receive attention throughout the course. Speed with accuracy is considered fundamental. Teaching techniques receive attention.

2 semester hours

—Typewriting II

This course emphasizes efficiency and quickness in handling the typewriter intelligently with a large variety of materials on the intermediate level of operation. Among the contents of the course are: Letter writing and envelope addressing, multi-copy work, tabulating, and remedial drills. Transcription is included for stenographic students. Speed with accuracy and good judgment are considered fundamental.

2 semester hours

—Accounting I

This is the introductory course. Its purpose is to introduce the student to the keeping of records for the professional man as well as a mercantile enterprise involving the single proprietorship. Emphasis is placed upon the distinction between keeping records on the cash basis as compared to the accrued basis of bookkeeping.

3 semester hours

—Business Correspondence

This is a review of the essentials of grammar; study of the vocabulary of business; setup of business forms and modern business letters; emphasis of the "you" attitude in writing of letters of inquiry, response, order letters, adjustment letters, sales letters; preparation of data sheets; and application letters.

2 semester hours

—Business Organization and Finance

This course is designed to give an overview of business management. Modern business organization, finance, personnel administration, production, and public relations are studied and made meaningful as they fit into our industrial society. The organization and management of the corporation and other forms of business are covered.

3 semester hours

—Business Law I

This course deals with court procedure, contracts, agency, and negotiable instruments. The aim is to apply principles of law to everyday life and to establish proper interest, ideals, and attitudes toward law as a means of social control.

3 semester hours

—Business Law II

This course considers the law of business organizations and devices for protection of creditors and personal and real property. It applies to principles of law to every-day life and business, establishing proper interest, ideals, and attitudes toward law as a means of social control. Pennsylvania school law is included in this course.

3 semester hours

—Problem of Business Education

In this course are outlined the purposes of secondary business education; the curriculum and its development; guidance, placement, and follow-up; administration of the business department; physical layout, equipment, and supplies; and trends in business education.

2 semester hours

—Retailing I

This course comprises a survey and analysis of the fields of selling. A study is made of the requirements for sales personnel, the types of customers and how to best serve them, customer needs and their buying motives, the sales process, merchandising plans, store organization, and the psychology of dealing with the public.

3 semester hours

—Economics II

The problems of the consumer are given chief consideration in this course. Topics such as how to buy and take care of consumer goods are studied. Special attention is given to the development of consumer education courses for the secondary school and adult consumer groups. 2 semester hours

—Clerical Practice

The fundamentals of operating various office machines are taught—calculators, adding machines, stencil duplicators, spirit duplicators, dictaphones, and various office appliances. Clerical office routine receives a great deal of attention. 3 semester hours

**COURSES REQUIRED IN THE
STENOGRAPHIC SEQUENCES****—Shorthand I**

In this course emphasis is given to the reading, writing, and mastery of the fundamentals of Gregg Shorthand Simplified. 3 semester hours

—Shorthand II

This course accomplishes three major objectives: to review and strengthen the student's knowledge of the system, to build shorthand writing speed, and to build transcription speed. 3 semester hours

—Shorthand Transcription

This course is designed to develop practical speed in dictation of material varied as to vocabulary and type, with much emphasis on the development of transcription skill. 3 semester hours

—Typewriting III

This course deals with letter writing; writing on special business and legal forms; setting up outlines, programs, indexes, title pages, proofreaders' marks; copying from longhand and corrected copy; writing manuscripts; tabulating; problems of English, such as capitalization, punctuation, and paragraphing; and many other practical and education matters. 2 semester hours

—Secretarial Practice

This is a course including the theory and the practice in activities common to the office secretary. It covers the routines of handling mail, the telegraphic and telephone services, shipping services, meeting callers, various business reports, financial and legal duties, filing, transcription, etc. 3 semester hours

COURSES REQUIRED IN THE ACCOUNTING SEQUENCES

—Accounting II

The problems involved in connection with accruals and deferred items, the significance and the handling of evaluation accounts and the interpretation of the effect of all types of transactions on the operations of the business are stressed throughout the semester. Special attention is given to the preparation of columnar records for different types of business along with the preparation and interpretation of comparative financial reports.

3 semester hours

—Accounting III

Special consideration is given to the records and reports peculiar to the corporate form of organization as well as to the methods of handling capital and surplus. Emphasis is given to the methods of accounting for inventories, tangible and intangible fixed assets, investments, long-term liabilities, funds and reserves and the methods of amortizing bond premium and discount.

3 semester hours

—Accounting IV

This course is designed to give the students an understanding of the theory of costing used in manufacturing establishments. The voucher system is introduced in this course and attention is given to budgeting, estimating and prorating of manufacturing expenses, the technical aspects of charting production data, and investigating time and motion study techniques.

3 semester hours

—Auditing

In this course students conduct a time-detailed audit of actual business records, make the corrections, and submit statements of results. Problems of public and private auditing are developed by the instructor. The construction and organization of working papers is included.

3 semester hours

EDUCATION

—Audio-Visual Education

Consideration of the need for sensory techniques and materials in the learning process with attention given to the psychological principals involved. Acquaintance with and achievement of skills in specific techniques, materials, and equipment within his teaching field. Activities will include actual production of material for classroom use and participation in their use. 3 semester hours

—Introduction to Philosophy

An introduction to philosophy with emphasis upon current and pertinent problems. An historical survey of the contributions of outstanding ancient and modern philosophies. Especial attention is given to ethical implications. 3 semester hours

—Problems of Secondary Education including Guidance

Consideration of the practical problems of secondary teaching, and organization. Survey of the basic structure and nature of American secondary education emphasizing guidance principles. Prerequisite: Professional Orientation. 3 semester hours

—Professional Orientation

An orientation and guidance course acquainting prospective teachers with the opportunities and requirements of the profession; the relationship of the school to society; the organization and administration of the American school system. Extensive directed observation of various schools and learning situations will be required. 3 semester hours

—Professional Practicum including school law

Methods and practices of teaching. General techniques of teaching and techniques for the students' special field. Pennsylvania school laws relevant to the work of the classroom teacher. Problems encountered by the students in their student teaching. 3 semester hours

—Recent Trends in American Education

Survey of recent practices, theories, and trends in American education. Intensive study of current and recent writings in conjunction with field trips and extensive observations. Prerequisite: Professional Orientation. 2 semester hours

—Student Teaching and Direction of Student Activities

Observation and participation in all teaching and activities related to the performance of a teacher's work, in the area of the student's specialization. 12 semester hours

PSYCHOLOGY

—Child Psychology

The development of a functional understanding of the maturation and learning of children from birth to adolescence and the physical growth as related to psychological maturation. The laboratory school is used for the purpose of implementing the basic facts and principles relating to child growth by frequent observation. Prerequisite: General Psychology. 3 semester hours

—Educational Psychology and Evaluative Techniques

The nature of the learning process with emphasis on the application of the principles of psychology to the problems of learning and teaching. An important aspect of the course is the study of actual classroom problems and procedures by observation of regular work and by special illustrative demonstrations in the laboratory school. Prerequisite: General Psychology. 3 semester hours

—General Psychology

A comprehensive study of the origins, motives, and modifications of human behavior with emphasis on the scientific approval in analyzing behavior patterns; the importance of man's biological inheritance, and the significance of social environment in influencing human living. Attention is given to the simpler techniques in psychological experimentation. 3 semester hours

—Mental Hygiene

Problems of personality and mechanisms of adjustment, including a study of the origin and resolution of conflicts, and the role of emotion in the pattern of behavior are studied. Prerequisite: General Psychology. 3 semester hours

—Psychology of Adolescence

An intensive study of problems in adjustment and development during the period of transition from childhood to adulthood. Special attention is focused upon inner drives and upon the influence of social pressures and the principles and facts of adolescent development which are useful to parents and teachers. Case studies are utilized. Prerequisite: General Psychology. 3 semester hours

—Psychology of Exceptional Children

The problems of exceptional or atypical children. The major purpose is to gain a functional understanding of the various types of psychological and physical deviates, both as to the genesis of their behavior processes, their treatment, and the guiding principles involved in their training. 3 semester hours

ELEMENTARY EDUCATION**—Child Adjustment**

Application of the principles of mental hygiene to the problems of elementary school children in home, school, and community; study of special agencies concerned with child welfare: clinics, social agencies, juvenile courts, etc. 3 semester hours

—Child Development I

Acquisition of understanding and appreciation of the patterns of physical, mental, social, and emotional growth in the period of early childhood. Consideration of local, state, and national agencies concerned with the welfare of education of early childhood. Observation of learning situations in the family, school, and community environments. 3 semester hours

—Child Development II

Development of knowledge and appreciation of later physical, mental, social, emotional growth of the child including pre-adolescence. Consideration of the child's problems in the family, elementary school, and his broadening community environment. Prerequisite: Child Development I. 3 semester hours

—Creative Activities in the Elementary School

Consideration of the guidance of children in creative learning and expression. Emphasis upon the child's needs to discover creative interests and upon the development of skills and refinements of taste needed for rich experience in art, music, and literature. 3 semester hours

—Diagnostic and Remedial Reading

Acquaintance with recent research in the field of reading to acquaint students with problems and needs common to incompetent readers and with the most successful materials and techniques for dealing with such problems. Demonstration and practice in testing, planning, and directing remedial programs with groups and individuals. Prerequisite: Teaching of Reading. 3 semester hours

—Language Arts in the Elementary Grades

Preparation of teachers for the development of the child's abilities in oral and written communication. Provides knowledge of the nature of reading processes and materials of instruction. Essential techniques and materials of language, including handwriting and spelling, to teach the child knowledge and skills in the fundamentals of oral and written communication are considered. Children's Literature is explored to acquaint the prospective teacher with appropriate materials. 9 semester hours

—Pre-School Education

Study of pre-school and kindergarten children, of nursery school and kindergarten programs, materials, equipment and procedures, records and reports. Laboratory school experiences supplement reading and discussion of acceptable standards and teaching practices. Prerequisites: Child Development I. 3 semester hours

—School and Community

Study of group and intergroup activities and the role of the individual in the group; of community interests, needs, resources and problems; of teacher responsibility in community activities: professional, social, civic, religious, and political. Student participation in community activities is stressed. 3 semester hours

—Social Living in the Elementary School

The techniques of the teaching of children to achieve basic concepts and skills in mathematics, science, geography, economics, sociology, and history and the survey of instructional materials and the curriculum in these areas. Ways of developing meaningful experiences in each area and ways of organizing content into social living units will be stressed. 3 semester hours

—Speech Problems

Acquaintance of students with the various speech problems common to children in the elementary school. Emphasis is placed upon remedial techniques. The study of materials, methods, and techniques used by the classroom teacher in improving the speech of all children. 3 semester hours

—Teaching of Elementary Science

Methods of presenting science in each grade of the elementary school and with the important scientific facts and principles that should be taught in each grade. Stressed are field work, collection of materials, special techniques and demonstrations to adapt elementary science to local conditions. Elementary science syllabi of several states and cities are studied. Evaluation of elementary science texts and pamphlets now available for each grade. 3 semester hours

—Teaching of Language

Survey of the content of the curriculum in English in the elementary grades. Methods of teaching oral and written composition, principles of grammar, poetry, and literature. The teaching of handwriting is part of this course. 3 semester hours

—Teaching of Reading

Scientific aspects of reading and problems in the teaching of reading in all elementary grades. Presentation in theory and practice, from careful examination of research and from observation, opportunity for the student to acquaint himself with a variety of modern reading materials and with approved treatment.

3 semester hours

—Teaching the Exceptional Child

The study of atypical children who need help in order to adjust and succeed to the extent of their capacity. Students are guided in recognizing, understanding, and dealing with the additional needs of the superior child and the mentally, physically, or emotionally handicapped child. The selection, construction, and adaption of learning aids and materials.

3 semester hours

ENGLISH

—Communication I

The study of communication provides both vicarious and direct development of abilities for personal expression. It includes extensive practice in reading, speaking, and writing in language and form, appropriate to social and professional situations; and instruction in the use of formal and informal discussion techniques. Library usage, taught by a member of the library staff, orients the student to the resources and use of the college library.

5 semester hours

—Communication II

This developmental program includes the refinement and extension of skills and techniques of Communication I with special emphasis on the basic reading, speaking, and writing skills appropriate to the various fields of learning. Prerequisite: Communication I.

5 semester hours

—English I

Review of grammar in detail, analysis of constructions, functional practice, remedial drill in punctuation, spelling, and mechanics of English; vocabulary study. Writing of brief compositions and analysis for structural faults and errors in diction. Library Usage, separate unit additional to English I, is introduction to use of the library taught by a member of the college library staff.

3 semester hours

—English II

Study and application of the laws of composition; methods and types of exposition; description and narration. Paragraph and theme writing; analysis of literary samples; book reviewing; outlining; assembling bibliography. Continued functional practice in mechanics. Prerequisites: English I. 3 semester hours

—Speech I

Study and application of fundamental principles of effective speaking; training in selection, organization, and development of material suitable for speeches; recording and analysis of voice; emphasis on personality adjustment as related to speaking-listening situation; diacritical marking and vocabulary building. 2 semester hours

—Speech II

Continuation of Speech I with special emphasis on group discussion and parliamentary procedure; expository, narrative, and descriptive material; speeches for special occasions; interpretative or choral reading. 2 semester hours

—World Culture I and II

A survey of the evolution of man's culture—his governmental, economic, social, religious, intellectual, and aesthetic activities, from the beginnings of the race to the present time.

5 semester hours for each semester

—General Literature I and II

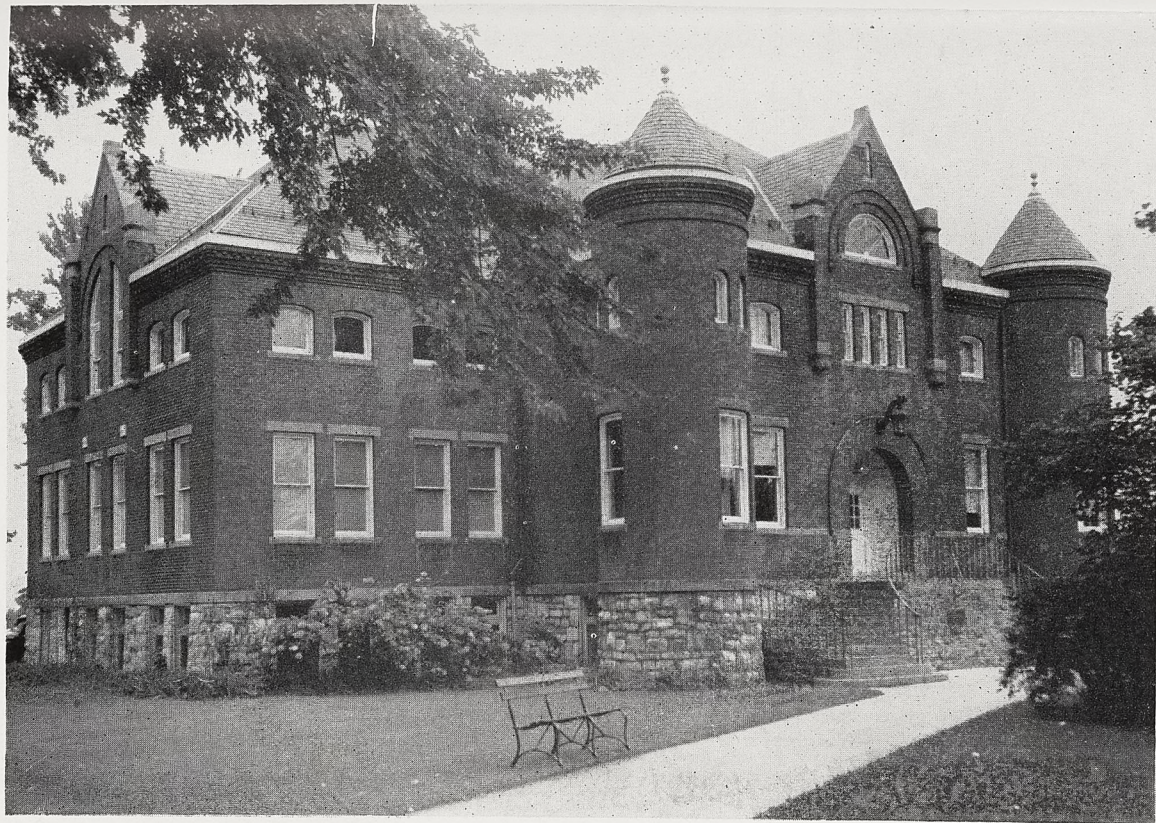
As an introduction to literature, this course is designed to provide opportunities for both wide and extensive reading which will familiarize students with the development of human thought as it has found expression in the recognized literary masterpieces of all times and peoples. 2 semester hours for each semester

—Recent Trends in the Teaching of English

The content of language-arts requirements of the secondary schools is reviewed, with special reference to grade-placement and adaptation of materials, appraisal of results, and the development of programs of study. Directed observation in the laboratory school is frequently employed. 3 semester hours

—American Literature

The course is a survey of representative American writings from colonial times to the present. Particular attention is given those writings which best exemplify democratic ideals and national character. 3 semester hours



STEWART HALL
STUDENT ACTIVITY BUILDING

—English Literature

English Literature is surveyed from Anglo-Saxon times to the present with emphasis on recognized masterpieces. The course has two basic aims: (1) broader knowledge of the growth of English letters and their relation to historic movements, (2) wider reading and more intelligent appreciation. 3 semester hours

—American Poetry

The nature, form, and function of verse is exemplified by representative American poets are examined, with particular reference to social backgrounds and national ideals. 3 semester hours

—American Prose

A study of the development of national ideals as expressed by representative prose masterpieces, with extensive critical reading in current periodicals as well as intensive study of great works of the past. 3 semester hours

—Children's Literature and Story Telling

An introduction to important children's books, old and new, and to techniques for the presentation of book materials. It encourages wide reading of juvenile literature and provides criteria for, and experience in, the evaluation of children's books. 3 semester hours

—Pre-Shakespearean Literature

A study of the cultural backgrounds of the English-speaking race, its fold-ways, legends, balladry, and history, particularly, as reflected in Beowulf, the Arthurian epics, Chaucer, and Spenser. 3 semester hours

—Shakespeare

The work of this course is a study of selected comedies, tragedies, and historical plays by Shakespeare, together with the social, historical, and literary background necessary for their full appreciation. Particular reference is made to those plays most frequently included in secondary school curriculum. 3 semester hours

—Eighteenth Century Literature

A critical consideration of significant eighteenth-century writers with emphasis upon the struggle between tradition and revolt as reflected in the works of Pope, Johnson, Addison, Swift, Goldsmith, Burns, and other representative writers of the period. 3 semester hours

—The Romantic Movement

A study of Wordsworth, Coleridge, Byron, Shelley, Keats, and their contemporaries in the light of social background and biographical and critical doctrine. 3 semester hours

—Victorian Literature

Victorian culture is studied through its interpretations by poets and essayists of the period, with particular reference to the writings of Carlyle, Ruskin, Newman, Browning, Tennyson.
3 semester hours

—Literary Criticism

The historical study of literary criticism and aesthetic theory, with emphasis upon modern trends.
3 semester hours

—Modern Drama

A comprehensive view of the best dramatic literature of the modern American and British theatre since 1890 is presented through lectures, discussions, and experiences related to the contemporary stage.
3 semester hours

—The Novel of 1870

A study of the rise and development of the novel in English from its predecessors of the eighteenth century to Hardy and Mark Twain. A selected list of novels is assigned for analysis with a view to cultivating as appreciation of this dominant literary form.
3 semester hours

—Contemporary Novel

A study of modern and contemporary movements in fiction based on the critical reading and analysis of English and American novels published since 1870.
3 semester hours

—The Essay

The history and development of the essay as a distinctive literary form, together with readings in current periodical non-fiction and provision for opportunities for self-expression through writing.
3 semester hours

—Contemporary Poetry

An examination of representative poetry published since 1870, in both England and America, provides the basis for a study of forms, aspects, and tendencies in contemporary verse, with particular reference to poetry as a criticism of modern life.
3 semester hours

—Short Story

The development of the short story as a distinct and popular current literary form is traced through its history and technique. Recent tendencies are investigated and wide reading in current periodicals is encouraged.
3 semester hours

—The Literature of Biography

A study of the historical development of biographical writing with readings from Plutarch, Boswell, Carlyle, Macaulay, Strachey, Bradford, Ludwig, and standard and contemporary biographers.

3 semester hours

—Creative Writing

An advanced course for students of marked ability in the creative processes of writing. The course aims to develop creative ability, to improve the student's own style, and to furnish methods and materials for the teaching of composition in the secondary schools.

3 semester hours

—Journalism

The organization, management, and supervision of the content of school publications, the preparation of school publicity materials, and the development of journalistic style is acquired through practical participation in journalistic activities.

3 semester hours

—Advanced Composition

Advanced experience in writing is afforded through the preparation of reviews, digests, and critical reports, employing expository, descriptive, and argumentative techniques.

3 semester hours

—English Philology

The course introduces students to the scientific and historical study of the development of modern English and the discernible trends in language today through the use of exercises in phonetics, etymology, and dictionary usage.

3 semester hours

GEOGRAPHY**—World Geography**

A basic course organized to develop a knowledge and appreciation of the physical factors of the environment, and man's adjustment to them. World patterns of land forms, climate, soils, vegetation, etc., are emphasized in relation to their influence on the economic and cultural activities of man.

3 semester hours

—Geography of Pennsylvania and the United States

An analysis of population, land utilization, production and trade, through a comprehensive study of the relations between the physical factors of the environment and man. The first part of the course deals with Pennsylvania, and through its economic position within the States, proceeds logically to an analysis of the nation as a whole and its world relations. Prerequisite: World Geography.

3 semester hours

—Cartography

A course designed to develop proficiency in the use and interpretation of globes, maps, models, graphs, cartograms, and the geographic diagrams. A study of the history of maps and map making; instruction in the construction of selected projections, graphs, and diagrams; and the application of each to the teaching of geography, form the content of the course. Prerequisite: World Geography. 3 semester hours

—Climatology

A systematic study of the climate regions of the world and the advantages and limitations of each for man's occupation. The physical aspects of the atmosphere, and the regional characteristics of climate are investigated. The course is valuable background material for the course World Problems in Geography. Prerequisite: World Geography. 3 semester hours

—Commercial Air Transportation

A study of the development of commercial aviation. Governmental agreements, subsidies, control and use of air bases, the significance of Great Circle routes and the Polar regions are considered. The course may be used as an elective in Aeronautics Education. Prerequisite: World Geography. 3 semester hours

—Conservation of Natural Resources

A study of the utilization of the nation's resources in order to analyze the need for conservation, the problems of conservation, and to investigate suggested methods for the prevention of waste. The resources of land, water, plant and animal life, mineral resources, and man are considered. 3 semester hours

—Economic Geography

A study of the activities whereby man makes a living. World production in agriculture, forestry, mining, and manufacturing; distribution of population; and world trade are considered and the knowledge acquired is applied to an interpretation of world problems. The course furnishes a background for greater understanding of national and international affairs. 3 semester hours

—Geographic Influences in History

A study of the relations between the natural environment and the historical movement of man. The course emphasizes the influence of coasts, islands, rivers, mountains, vegetation, and soil in the exploration and the settlement of the United States and in the expansion of the American people from a small nation to a great world power. Prerequisites: World Geography and Geography of the United States. 3 semester hours

—Geography in Asia

An economic study of the major geographic regions of the Soviet Union, Southwestern Asia, and India. Special emphasis is placed on the recent cultural and political changes in the area and the significance of these changes to the world economy. Prerequisite: World Geography. 3 semester hours

—Geography of Africa and Australia

A regional study of Africa, Australia, and the neighboring islands of the Pacific, showing the social and economic development of these lands in relation to their physical environment. The political affiliation of these lands, the geographic aspects of the problems of colonies, land tenure, race, and the significance of strategic location and production are considered. Prerequisite: World Geography. 3 semester hours

—Geography of Europe

A regional course designed to develop unbiased understanding of the economic problems of Europe. Geographic relationships underlying land utilization, boundary disputes, and dominant international problems are considered. The Soviet Union is not included in this course. Prerequisite: World Geography. 3 semester hours

—Geography of the Far East

A study of Japan, China, the Philippines, Southeastern Asia, and the East Indies. Factors of the natural environment and man's adjustment to them economically, socially, and politically, are investigated. Problems of low standards of living, conservation of resources, wider use of resources, and industrialization are considered. Prerequisite: World Geography. 3 semester hours

—Geography of Latin America

A comparative study of the geographical regions of Middle and South America. The Latin American relations with the United States and the rest of the world are interpreted through an analysis of the economic, social, and cultural activities of man in relation to the physical factors of his environment. Prerequisite: World Geography. 3 semester hours

—Geography of Pennsylvania

A regional analysis of Pennsylvania, emphasizing man's cultural and economic response to environmental factors. Special attention is given to the resources of the state, analyzing their extent, their use, the need for well directed conservation, and the regional planning program of the Commonwealth. Field trips are an integral part of the course. Prerequisite: World Geography and the Geography of Pennsylvania, and the United States. 3 semester hours

—Geography of the United States and Canada

A regional study of the United States and Canada, considering man's adjustment to the physical factors of relief, climate, soil, vegetation, and mineral resources. Political structure, and the relations between the two countries and the rest of the world, are analyzed from a geographic point of view. Prerequisite: World Geography. 3 semester hours

—Physiography

A study of the physical phenomena as dynamic forces affecting man. The content of the course consists of a systematic study of land forms, their origin and the forces that produced them, soils, minerals, water resources, and their effect on man. Prerequisite: World Geography. 3 semester hours

—Meteorology

A systematic study of the atmosphere. The course analyzes **the laws and underlying principles** of atmospheric change. An opportunity is afforded the student to become familiar with the common weather instruments, to observe and record weather data, to read and interpret weather maps, and to consider the problems of aviation growing out of atmospheric conditions. Prerequisite: World Geography. 3 semester hours

—Teaching Geography in Secondary Schools

A survey of available materials and current curricula in the field of geography form the basis for an analysis of modern techniques in the teaching of geography. Emphasis is placed on the importance of geographic thinking in the interpretation of national and international problems, acquisition of good habits for citizenship, analysis of text books and courses contributing to these objectives. 3 semester hours

—Trade and Transportation

A study of world trade and the resulting major transportation routes with their associated ports, railroad centers, and contributing hinterlands. Consideration is given to the location factors of cities, roads, railroads, sea routes, air lanes; and to the problems of the modern cities and the tendency for decentralization. 3 semester hours

—World Problems in Geography

A political geography. Attention is given to boundary problems, the value and control of colonies, fishing agreements, problems concerning commercial aviation, world trade, world food supplies, control and development of natural resources, and the geographic aspect of problems concerning world peace. Prerequisite: World Geography. 3 semester hours

—Geology

A study of the surface forms, composition, and structure of the earth. Emphasis is placed on the agencies which are continually at work altering the earth's surface forms, the classification and interpretation of rocks, and the evolution of life. Prerequisite: World Geography. 3 semester hours

MATHEMATICS**—Fundamentals of Mathematics**

Development of the number system; nature and application of fundamental processes; extension of the number system to include common and decimal fractions and negative numbers; approximate nature of measurements; per cents; language of algebra including formulas, graphs, tables, and equations; meaning of proof; elementary concepts of statistics; art of indirect measurement; additional topics of interest to students. 3 semester hours

—College Algebra

Fundamental operations, factoring; fractions; exponents; functions and their graphs; linear, quadratic, and systems of equations; proportion and variations; progressions; mathematical induction; logarithms; determinants; permutations and combinations. Prerequisite: 1 year high school algebra and 1 year high school geometry. 3 semester hours

—Trigonometry

Functions of an angle; logarithms; use of tables; radians; identities; trigonometric and exponential equations; solution of triangles by natural functions and logarithms; inverse functions; complex numbers; application in practical problems. 3 semester hours

—Analytic Geometry

Correlation of algebra and geometry in finding equations of loci and loci corresponding to certain equations; properties of the straight line, the circle and conic sections; rectangular and polar coordinates; transformation of coordinates; parametric equations; a brief introduction to three dimensions. Prerequisite: College Algebra and Trigonometry. 3 semester hours

—Calculus I (Differential)

Elementary concepts of limits; the derivative; applications of the derivative to maxima and minima, rates, velocity, acceleration; introduction of integration as the inverse of differentiation. Prerequisite: Analytic Geometry. 3 semester hours

—Calculus II (Integral)

Integration as the inverse of differentiation; formulas of integration; the definite integral; methods of integration; integration as the limit of a sum applied to areas, volumes, lengths of curves and other practical problems. Prerequisites: Differential Calculus. Differential and Integral Calculus may be taught as a unified course. 3 semester hours

—College Geometry

Extension of competency in geometry; modern problems of the triangle and the circle; further development of rigorous proof; constructions based on loci and indirect elements; non-euclidean geometry. Prerequisite: High school plane geometry. 3 semester hours

—Statistics

Basic principles and methods of statistics common to scientific research; understanding of and ability to use graphs, frequency distributions, measures of central tendency and dispersion; normal curve; correlation; regression and prediction; reliability of statistical measures; curve fitting; development of formulas. 3 semester hours

—Teaching of Mathematics in the Secondary School

Place and function of mathematics in secondary education; content and the improvement and evaluation of instruction in mathematics; acquaintance with current literature and research; observation in secondary schools. Prerequisite: 9 hours of college mathematics. 3 semester hours

—Advanced College Algebra

Theory of equations; determinants; partial fractions; series; complex numbers; further development of permutations; combinations and probability. Prerequisite: College Algebra I. 3 semester hours

—Field Work in Mathematics

Mathematics applied to the enrichment of secondary school mathematics. Use of the transit, angle mirror, hypsometer, sextant, and other measuring instruments; simple map making exercises and elementary surveying; construction and use of student-made instruments and teaching devices. 3 semester hours

—History of Mathematics

Study of the growth of mathematics through the centuries and the men who contributed to it, enrichment of the mathematical background of students; integration of basic areas of mathematics. Prerequisites: Analytic Geometry. 3 semester hours

—Advanced Calculus

A continuation of the calculus to include series, additional work in partial differentiation, multiple integrals, and elementary differential equations. Prerequisite: Integral Calculus.

3 semester hours

—Mathematics of Finance

Introduction to elementary theory of simple and compound interest with solution of problems in annuities, sinking funds, amortization, installment buying, mathematics of life insurance.

3 semester hours

—Spherical Trigonometry and Navigation

Solution of the right and oblique spherical triangles with emphasis on their practical application, especially in the field of navigation.

3 semester hours

MATHEMATICS FOR STUDENTS IN THE
ELEMENTARY CURRICULUM

—Teaching of Arithmetic

See description in Elementary Curriculum. 3 semester hours

—The Teaching of Arithmetic

The various processes and operations needed in the arithmetic of the elementary school are carefully analyzed so that the students may see just what must be taught and what problems and difficulties are likely to be encountered as this work is presented. Suggestions for meeting these problems and for preventing or correcting common arithmetical deficiencies.

3 semester hours

SCIENCE

Biology

Bi-41—Botany I

Botany I is a study chiefly of the flowering plants. Topics include the anatomy and life processes of plant cells, leaves, stem, roots, flowers, seeds, and fruits. The economic importance of plants used by man and the recognition and classification of the seed plants in the immediate environment of the college are included. 4 semester hours

Bi-42—Botany II

Botany II is concerned primarily with the non-flowering plants. It considers both the anatomy and life processes of selected algae, bacteria, fungi, mosses, ferns, and their allies. The economic importance and health implications of certain of these groups are emphasized. The recognition and classification of the non-flowering plants of the immediate surroundings are stressed. Prerequisites: Botany I. 4 semester hours

Bi-43—Zoology I

This is a study of the life history, habits, origin, development, physiology and anatomy of each phylum of the invertebrates. Emphasis is given to the study of those forms of economic importance to man or with health implications. The student becomes acquainted with the many invertebrate species found locally. 4 semester hours

Bi-44—Zoology II

This course is a study of the Chordata in general, and more particularly the classes of Vertebrates. Topics studies include the anatomy, physiology, origin, development, and life history of representative members of each class. Special attention is given to the vertebrates found in the vicinity of the college. Prerequisites: Zoology I. 4 semester hours

Bi-45—Ecology

This course is a study of plants and animals in relation to their physical and biological environments. Special topics include distribution, factors affecting distribution, life zones, food chains, and adaptations. Attention is given to plant and animal communities in Pennsylvania. Individual problems may be assigned. Prerequisites: 6 hours of Biology. 3 semester hours

Bi-49—Genetics

The purpose of this course is to give the student an understanding of the laws of inheritance as they operate in plants, animals, and humans. Cell structure, Mendelian inheritance, eugenics, linkage, probability, crossing over, and random assortment are all considered. Prerequisite: 6 hours Biology. 3 semester hours

—Ornithology

This is an introduction to the birds of Pennsylvania with special emphasis on the identification of birds in the field. Lectures deal with classification, migration, habitat preference, song, courtship, nesting and rearing of young, and plumage changes. Abundant field work gives practice in identification of native birds by their songs, behavior, form, and plumage. 3 semester hours

Bi-51—Parasitology

This course considers the anatomy, physiology, life history, and habits of representative parasites of man and his domesticated animals. Means of prevention, detection, and control are emphasized. Special attention is given to those forms likely to be encountered in the area of the college. Prerequisites: Zoology I and II. 3 semester hours

Bi-46—Entomology

A general study of insects is made in this course, including structure, physiology, economic importance, classification and relationships. Each student is required to participate in field trips and to complete a project including a collection and report on some group of insects. Prerequisites: Zoology I. 3 semester hours

Bi-48—Physiology

The purpose of this course is to give the student a general background of how animals carry on bodily processes and a more detailed knowledge of human physiology. Related anatomy is taught as needed. Prerequisites: Zoology I and II. 3 semester hours

Bi-50—Microbiology

This course is a study of microscopic forms of life both plant and animal which are commonly encountered in biological work. Some emphasis is placed on the study of disease producing species of man and his domesticated animals. Methods of culturing forms used in high school teaching are studied. Prerequisites: Botany I and II, Zoology I and II. 3 semester hours

CHEMISTRY

Ch-41—Inorganic Chemistry I

This course includes a chemical study of the structure and behavior of matter. Topics stressed in the first semester are the gas laws, solutions, valence, ionization, acids, bases, oxidation and reduction as well as the writing of equations and solving of problems.

4 semester hours

Ch-42—Inorganic Chemistry II

This course is a continuation of Inorganic Chemistry I and stresses the more fundamental concepts of non-metals, metals, atomic structure, the periodic classification of elements, and simple qualitative tests for cations and anions. Prerequisite: Inorganic Chemistry I.

4 semester hours

Ch-47—Organic Chemistry I

This course is an elective for those who plan to major or minor in Chemistry. It includes a study of the hydrogen compounds of carbon of the aliphatic series with emphasis on structural relationships and nomenclature as well as on uses and characteristic properties. Prerequisite: Inorganic Chemistry.

4 semester hours

Ch-48—Organic Chemistry II

This course is a continuation of Organic Chemistry I. It deals primarily with the amines and proteins and those compounds belonging to the aromatic series. Both micro—and semi-micro techniques are employed to stress the properties and type reactions of the usual classes of organic compounds. Prerequisite: Organic Chemistry I.

3 semester hours

Ch-49—Biological Chemistry

This course includes the chemistry of proteins, fats, carbohydrates, minerals, and vitamins, and the biological functions of each. Digestive and metabolic changes are studied by laboratory tests and animal feeding experiments. Prerequisite: Organic Chemistry I.

3 semester hours

Ch-51—Physical Chemistry

This course is an introduction to the fundamental principles of theoretical chemistry with application in the solution of problems and training in the techniques of physical-chemical measurements. The following topics are included: phase rule, properties of solutions, liquids, solids, gases, surface tension, vapor pressures, osmotic pressures, chemical cells, buffers, indicators, oxidation-reduction potentials, and conditions affecting chemical equilibria. Prerequisites: Inorganic Chemistry and Physics I and II.

3 semester hours

—Colloidal Chemistry

This course is a study of substance in the colloidal state with particular emphasis on methods of producing sols and gels, stabilizing them or preventing their formation, and interference in chemical procedures. The practical application to various industries, agriculture, medicine, weather, soils, and home and community life will be stressed. Prerequisite: Inorganic Chemistry.

3 semester hours

Ch-50—Industrial Chemistry

This course deals with the application of theories, laws, and calculations of chemistry to industrial processes. An intensive study of at least one major industrial process is made by each student. The class work is supplemented by selected laboratory experiences and numerous trips to neighboring industries. Prerequisite: Inorganic Chemistry.

3 semester hours

Ch-49—Chemistry of Food and Nutrition

This course is a study of the application of food and physiological chemistry to the nutrition of man. Topics included are dietary studies, food requirements of persons of various ages and environmental conditions, energy metabolism mineral requirements and utilization, the vitamins, and the effect of food on growth and well-being. Prerequisite: Inorganic Chemistry.

3 semester hours

—Water Analysis

This course is a study and analysis of water for potable qualities and for use in industrial applications. The treatment for softening and elimination of industrial contamination is emphasized. Prerequisite: Inorganic Chemistry.

2 semester hours

—Laboratory Techniques in Chemistry

This course includes laboratory planning; selecting, care and storage of equipment, making of solutions and various reagents from stock supplies. Setting up classroom demonstrations for use in secondary schools is stressed. Prerequisite: Inorganic Chemistry.

3 semester hours

—Qualitative Analysis

This course is a study of the theoretical principles and practices underlying analytical chemistry. It includes study and practice in separating and identifying the cations and anions of the more common elements and radicals. Prerequisite: Inorganic Chemistry.

3 semester hours

Ch-45—Quantitative Analysis

This course gives introductory training in the theory and practice of gravimetric, volumetric, electrolytic, and potentiometric analysis. Quantitative calculations and relations are stressed. Prerequisite: Qualitative Analysis. 3 semester hours

PHYSICS**Ph-41—Physics I**

This is an introductory course in mechanics, heat, and sound. Some of the topics studied are the mechanics of solids, liquids, gases, thermometry, calorimetry, and heat transference, the production and nature of sound waves including musical sounds. 4 semester hours

Ph-42—Physics II

This is a continuation of Physics I and an introductory course in magnetism and electricity. Some of the topics discussed are reflection and refraction, optical instruments, spectra and interference. The portion devoted to electricity and magnetism deals with the general concepts of magnetism, electrostatics, electrical circuits, generators, motors, and alternating currents. 4 semester hours

Ph-44—Magnetism and Electricity

This is an advanced course in general electricity and magnetism. The electric magnetic fields, D. C. and A. C. circuits, capacitance, inductance, electromotive force and electrical instruments are among the topics developed. Prerequisites: Physics I and II. 4 semester hours

Ph-43—Mechanics

This is an intermediate course in mechanics of solids, liquids, and gases. An opportunity is provided for a deeper insight into the principles in operation and their practical application. Studies are made of rectilinear and circular motion, work and energy, impulse and momentum, simple harmonic motion, and hydrostatics. Emphasis is placed on qualitative considerations. Prerequisites: Physics I and II. 4 semester hours

Ph-46—Heat

This is an intermediate course in heat. The basic concepts and principles are developed more intensively in the study of the properties of gases and in thermodynamics. Some of the specific topics studied are temperature measurements, expansivity, specific heats, thermal conductivity of solids and liquids, thermal properties of gases, change of phase and heat engines. Prerequisite: Physics I and II. 3 semester hours

—Electronics

This is a course dealing with the electron, inducing the charge, emission, and velocity of the electron. The fundamentals of vacuum tubes and their circuits and the use of tubes in communications and industry are studied. Prerequisites: Physics I and II.

3 semester hours

—Optics

This is an intermediate course in optics. Geometrical and physical optics are included. Reflection and refraction at surfaces, lenses, interference and diffraction, elementary spectroscopy and polarization of light are discussed. Applications are made in the study of optical instruments. Prerequisites: Physics I and II.

4 semester hours.

—Sound

This is an intermediate course in the study of sound. The physical basis of sound is studied under such topics as wave motion, characteristics of sound waves, reproduction and measurement of sound, the ear and hearing, and architectural acoustics and sound insulation. Prerequisites: Physics I and II.

3 semester hours

—Physical Measurements

This is a course in the study of various precision measuring devices. The principles of operation and practical uses are emphasized. Some instruments used are the vernier caliper, micrometers, spherometers, cathetometers, micrometer microscopes, pressure gauges, audimeters, sextants, jolly balances, photometers, spectrometers, potentiometers, balastic galvanometers, and oscilloscopes. Prerequisites: Physics I and II.

3 semester hours

—Modern Physics

This is a study of twentieth century physics. The course includes the development in thermionics, x-rays, and radioactivity. Considerable attention is given to the modern concepts of atomic structure together with the mechanisms of release of atomic energy and its subsequent utilization.

3 semester hours

Other Science**—Science for the Elementary Grades**

This course, following the year of basic science, is designed to provide the elementary teacher with a more adequate background for teaching science in the elementary school. Units or problems are selected to achieve this purpose which cut across various fields of science. Emphasis is placed upon developing resourcefulness in gathering data and using the scientific method in the solution of such problems.

3 semester hours

—Science in Modern Civilization

This course is designed to acquaint the secondary student with some of the major discoveries of science in all fields and the effects of discoveries upon man's way of life. Emphasis is placed upon developing an understanding of science and its implications. Discoveries leading to more abundant supplies of energy, discoveries contributing to better health and longer life, more rapid transportation, to a more abundant and better food supply, better housing, better clothing and to greater destructive potential are some of the topics developed. 3 semester hours

—Teaching of Science in the Secondary School

This course is planned to give the prospective science major a thorough grounding in the problems of teaching Science. The objectives of the science program in the secondary school, selection of textbooks, sources of suitable literature, how to secure materials for instruction, the preparation of units, and special techniques are studied. Prerequisite: 12 hours of work in major field. 3 semester hours

—Basic Biology

This course deals with the principles of Biology. Topics include cellular structure and physiology, growth and repair, reproduction and development, control, sources of food energy, inheritance, and man's interrelationship with his biological environment. The classification of plants and animals is reviewed briefly. 3 semester hours

—Basic Physical Science

This course utilizes the fields of earth science and astronomy to provide a broadened background of science. The nature and uses of energy is the central theme for the study of heat, light, chemical, electrical, and atomic energy. Emphasis is placed on the methods and the thinking of scientists in recognizing and solving problems. 3 semester hours

SOCIAL STUDIES**—World Culture**

An integrated survey course presenting the origin, development, and influence of the governmental and social organization, economic activity, religious belief and practice, literature, and fine arts as they have contributed to our modern civilization. It deals with broad sweeping movements rather than details of the individual state or nation.

6 semester hours

—Social Studies (History of Civilization)

A study of the origin and development of the political, social, economic and religious institutions which constitute modern civilization, with emphasis upon broad movements to make realistic the information necessary for a proper understanding of the great heritage that is ours in the present day.

6 semester hours

—United States and Pennsylvania History I

A survey course in the history of the United States and Pennsylvania from the beginning of the colonial period to the end of the Civil War. Emphasis is placed on the social, economic and political development of our nation in general and of our Commonwealth in particular.

3 semester hours

—United States and Pennsylvania II

A survey course in the history of the United States and Pennsylvania from 1865 to the present. Stress is placed on the impact of the Industrial Revolution on our society, the growth of the labor world power, our part in World Wars I and II and the activities of our nation in behalf of international organization.

3 semester hours

—American Government

A study of the general principles of the American system of constitutional government; special emphasis is placed upon the organization and functions of the national government—legislative, executive, and judicial; on the right and duties of citizenship, the electorate, political parties, civil rights and the growing regulatory functions of government are carefully treated.

3 semester hours

—Economics I

This course emphasizes economic principles which are fundamental for an appreciation of our modern economy. While stressing the forces and factors that explain production, distribution, and consumption in our capitalistic order, much attention is also given to practical economic matters, including labor problems, co-operative movements and business management.

3 semester hours

—Principles of Sociology

This is a basic course in sociology dealing with the interaction arising from the association of human beings. Emphasis is placed upon natural and social heritage, the meaning and functions of culture, the origin, function, and characteristics of social institutions, such as the family, religion, and the state; with inquiry into the nature and genesis of social pathology. 3 semester hours

—American Citizenship

A course which deals with the evolution of the Constitution of the United States through amendment, legislative and judicial interpretation and custom. Broad principles of government as related to citizenship are stressed, with duties, rights, privileges and responsibilities of the individual given major consideration. 6 semester hours

—Contemporary Economic and Social Problems

This course consists of a study of certain of our more crucial present day problems such as: labor relations, money and banking, social waste, the family, crime and delinquency, race relations, international trade, government regulation and the individual's responsibility as a citizen of the world. 3 semester hours

—Home and Family Living

This course deals with the development of the family and the home in its historical, economic, and legal aspects. The various factors influencing the organization, disorganization and reorganization of the family are considered, as well as the modern trends in the basic institution. 3 semester hours

—History of Pennsylvania

A study of the founding and development of Pennsylvania from its colonial beginning to the present time. Emphasis is placed on the social, economic and political developments in the different periods of its history. Special attention is given to the diversity of the people, their institutions and problems and the growth of Pennsylvania to a leading position in our modern industrial world. 2 or 3 semester hours

—Teaching of the Social Studies

This course is intended to familiarize prospective teachers with desirable methods which may be used in teaching the social studies. Emphasis is placed on the philosophy, objectives, courses of study, and organization of subject matter for teaching purposes, curriculum materials, procedures and development. 3 semester hours

—Early European History from 1500 to 1815

A study of the development of the social, economic, political, religious, and cultural experiences of the European people, emphasizing the cause and effect of inter-relation and inter-dependence of both people and events that are basic to understanding the fundamental forces that lead to modern life. 3 semester hours

—History of Europe from 1815 to Present

A comprehensive study of the factors contributed by the European people in their national organization through their political, social and economic activities. The understanding of the causal and intergroup relationships are essentially basic to analysis and interpretations of the difficulties facing the European world today. 3 semester hours

—History of England

This course traces the growth of the people and institutions of England from the conquest by the Anglo-Saxons to the present. The emphasis is placed on the development of those factors that gave rise to the struggle and events that culminated in the establishment of democratic principles and organization in our modern world. 3 semester hours

—Twentieth Century World History

The significance of events in the present century is brought out in this course by a study of the growth of capitalism, imperialism, totalitarianism, international jealousies, World Wars I and II and the attempts of the family of nations to find world peace through international understanding. 3 semester hours

—Diplomatic History of the United States

Special emphasis is placed on a study of our foreign relations from the beginning of our national history to the present. Such aspects as the growth and influence of a policy of "isolation", the creation and development of the Monroe Doctrine, the changing position of the United States as a world power, and the problems incident to the assumption of the resulting responsibilities. 3 semester hours

—International Relations 1919 to the Present

This course emphasizes the modern economic, social, political, religious, and cultural problems that reflect their influence of international relationships of the nations of the world using the United States as the point of departure. Special attention is paid to the struggle of the people through their representatives in international conferences and organizations to resolve their differences. 3 semester hours

—History of Latin America

This course surveys the development of the Latin American countries from the period of discovery to the present. The economic, social, political, and cultural areas receive special attention first as domestic problems, then as they are related to the various political units involved. The influence of European and American relations as they are reflected in local changes are given consideration.

3 semester hours

—The Renaissance to Reformation

A study of the Renaissance and Reformation with particular emphasis on the important political, economic, social, and cultural forces that emerged during this period of transition and ushered in the modern western culture. Emphasis is placed on the evolution of modern states and the rise of individualism.

3 semester hours

—History of the Middle East and India

A study of the various civilizations that developed in this area with regard to their contributions as they influenced both oriental and occidental achievements. Special emphasis is placed on the modern aspects of their relation to world knowledge and to problems of current international interest.

3 semester hours

—History of the Far East

A study of the development of the people of China, India, Japan, Indonesia and the Pacific Islands. Attention is given to their cultures and developmental problems as they are related to each other and to the occident.

3 semester hours

—Consumer Education

This course is designed to develop techniques and methods which will enable the buyer to evaluate, on a quality and price basis, the myriad goods sold in the modern market place. Among the matters considered are the following: installment buying, choice of product, insurance, advertising and others of similar importance.

3 semester hours

—Municipal Government

This course deals with the history, organization, structure and functions of the major types of city government in the United States. Consideration is given to the development of modern administrative techniques and methods as they apply to municipalities. The prevailing forms of government and administration used by boroughs and townships in Pennsylvania are surveyed.

3 semester hours

—Comparative Government

In this course major attention is given to Great Britain and Soviet Russia as best representing, among foreign governments, the democratic and authoritarian systems. Brief consideration is given to the governments of France, Italy, Germany, and Japan. Frequent comparisons and contrasts are drawn between these governments and government in the United States. 3 semester hours

Student Activities

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. By the approval of the Board of Trustees, the President's Council becomes the executive body of the Student Cooperative Association.

The President's Council

This body is composed of twenty-one 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 of the college and 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 of the college and 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

Five student government organizations exist at this college: one for day student women, one for boarding student women, one for day student men, one for boarding student men, and one for Stewart Hall, the student activity center. 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.

MUSIC

Women's Choral Club

The Women's Choral Club is an organization of women selected by a voice 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

Athletic activities are encouraged for recreational purposes. Ample provision is made for the participation of the entire student body in some form of athletics whether intercollegiate or intra-mural.

The intra-mural program is closely correlated with the regular physical education program required of each student. The activities include hockey, soccer, swimming, archery, basketball, hiking, volley ball, baseball, tennis, touch football, golf, horseshoes, shuffleboard, softball, table tennis, quoits, and water polo.

Intercollegiate competition for men is provided in football, basketball, wrestling, baseball and track. The rules and regulations governing student participation in athletic competition among Pennsylvania State Teachers Colleges as approved by the Board of Presidents and by the Superintendent of Public Instruction, regulate all varsity athletics.

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 1949-50 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 magazine is published bi-monthly during the college year. Its purpose is multifold: it aims to provide for students whose interest lies in the field of journalism; it stimulates student morale; it records student activities; it affords prospective teachers experience with the problems contingent with school publications; and it serves as the medium for stimulating creative writing, which is then published in the Reflector. The magazine is a member of the Columbia Scholastic Press Association.

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.

The Handbook

The Handbook is published each year by a student committee. This small booklet is filled with descriptive material concerning club, student organizations and college policies. It is a valuable guide for students, especially freshmen and transfer students.

CLUBS

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

This extra-curricular organization of the college meets weekly for one and a half hours. It has for its objectives growth of art appreciation and the development of talent beyond that which the classroom offers. The club is maintained for those students who are interested in some phase of art activity.

The Business Education Club

The Business Education Club is an organization for 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. Seniors and juniors in business education visit large retail establishments, high schools, various types of offices, museums, and the like.

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

Elementary Education Club

The Elementary Education Club is open to students who are preparing to teach in the elementary field. This group visits public school systems throughout the state and does much to promote the cause of elementary education.

This club meets each month having interesting speakers, good films and social programs.

English Club

Membership in this club is restricted to upperclassmen interested in the field of English. Meetings are held twice a month, and the programs are concerned with literary and allied subjects.

French Club

Membership in this club is open to any student interested in French and who has sufficient background to participate in the various activities. Meetings are held twice a month. The program is usually conducted in French and presents a variety of topics concerning French life and culture. Songs, games, skits, playlets, and short talks are given.

Spanish Club

Membership in this club is open to any student interested in Spanish and with sufficient background to participate in the programs. Meetings are held twice a month. The program is usually conducted in Spanish and deals with the life and customs of the Spaniards and the Spanish-Americans. Songs, games, skits, short talks, playlets make up the programs.

Future Teachers of America

The Future Teachers of America is an organization that gives the student an opportunity for active participation in both state and national associations with which they will be associated during their professional careers. Monthly professional and social meetings provide an opportunity to develop abilities in professional and civic leadership. Membership is open to all students.

The Debating Association

This club consists of students interested in debating. All students are eligible to membership. During the first semester one hour each week is devoted to debate practice, study of the national, intercollegiate, debate question, and preparation for debates with nearby colleges in December. In the second semester the teams engage in about 25 intercollegiate debates, some at home and others on trips to other colleges. These trips include the state tournament and the state debaters convention.

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 government-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

This club is part of an international organization for the study and discussion of world affairs and is organized under the auspices of the Carnegie Endowment for International Peace. Members attend an Eastern Regional conference in the fall and a model General Assembly of the United Nations held each spring. A state organization to which we will send delegates has recently been organized. All students interested in current international problems are eligible to membership.

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 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.

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.

The Public Relations Club

This club offers opportunity to students interested in newspaper writing, news photography, radio publicity, and sports publicity. Public relations within the college and between the college and the public are studied, and plans and projects for their improvement are among the objectives of this organization.

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 civil 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, and 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 and for book reviews.

Science Club

The Science Club aims to promote interest in science among the students of the college. The relationship of social progress to modern science is stressed through bringing to the campus prominent scientists and up to date films in the field of science, and industry. The club is open to all students in the College.

Aquatic 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 life-saving are given and certificates awarded.

ALUMNI

In eighty years of its existence, Shippensburg has graduated approximately 6000 students from its various curricula. Many of these graduates are engaged in the teaching profession throughout Pennsylvania and are well represented in many other states. More than 2,000 of these graduates have received a Bachelor of Science degree at this institution since 1927.

The Alumni Association meets regularly each year during the commencement season. Representatives of the Association in various parts of the service area form an Alumni Council which constitutes a contact with the college. The Alumni Council and the Alumni Executive Committee meet at the annual Homecoming each fall.

Organized units of the Alumni Association are active in many sections of the State including the counties of Adams, Blair, Cumberland, Franklin, Perry, and York as well as districts centered in Harrisburg, Lewistown, Philadelphia, Pittsburgh, and Shippensburg. There is also an active association in Hagerstown, Maryland.

GENERAL ALUMNI ASSOCIATION

President	ROBERT BEARD—1938
First Vice President	ROBERT LESHER—1928 and 1929
Second Vice President	J. CLYDER ZIEGLER—1910
Secretary	MYRA C. ESH—1926
Treasurer	ERMA K. ROLAR—1918

EXECUTIVE COMMITTEE

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

Term Expires Alumni Day 1951

PAUL E. SHULL, '23 and '32	Waynesboro, Pa.
JESSE S. HEIGES, '91	Collegeville, Pa.
PAUL S. LEHMAN, '21	Lewistown, Pa.

Term Expires Alumni Day 1952

RALPH SWAN, '25 and '31	New Bloomfield, Pa.
HAROLD C. WELSH, '17	McConnellsburg, Pa.
J. WILLIAM BARBOUR, '26 and '30	Shippensburg, Pa.

Term Expires Alumni Day 1953

ALUMNI COUNCIL

HIGH SCHOOL	COUNTY	ALUMNUS
Altoona	Blair	Frank Mastrocola Julia Schulz
Bedford	Bedford	Ethel McCormick John W. Miller Lester E. Croft
Belleville	Mifflin	Harry Blaine
Biglerville	Adams	L. V. Stock
Burnham	Mifflin	Mrs. Carl Hambright Lois Illiot
Camp Hill	Cumberland	Sara E. Drake
Carlisle	Cumberland	Charles Lehman
Chambersburg	Franklin	Kenneth Gabler Robert Beard John Harris
Cheltenham Township	Montgomery	John Neely
Darby	Delaware	William Shearer
Dry Run	Franklin	Elmer W. Gruver
East Berlin	Adams	Mrs. Cora Eby Geiss
Elizabethville	Dauphin	George Inskip
Fairfield	Adams	Robert Kochenhour
Fannettsburg, Metal Twp.	Franklin	Charles I. Raffensperger
Gettysburg	Adams	G. W. Lefever William Conrad Robert F. Leshner F. M. Barrick
Greencastle	Franklin	
Hagerstown, Md.		
Halifax	Dauphin	
Harrisburg		
William Penn	Dauphin	Alexander McCune
William Penn	Dauphin	Charles H. Eber
John Harris	Dauphin	Guy Shumaker
Hershey	Dauphin	A. Sterling King
Highspire	Dauphin	Tyrell Robinson
Hollidaysburg	Blair	Griff Jones, Jr.
Huntingdon	Huntingdon	Mrs. Frank W. Magill
Johnstown	Cambria	Jerry F. Trostle
Landisburg	Perry	Monroe S. E. Gobrecht
Lansdowne	Delaware	Roy Kraber
Lebanon	Lebanon	George L. Bow
Lemasters	Franklin	Jacob Brake
Lemoine	Cumberland	Mrs. Charles Lehman
Lewistown	Mifflin	Calder Geedy Samuel Shearer Frank Coffey C. R. Coyle
Lykens	Dauphin	W. Michael Weader
McClure	Snyder	Harold Welsh
McConnellsburg	Fulton	Claude Mellott Dean W. Brumbaugh Maclay Kelly Charles Shields
Martinsburg	Blair	Estella Whitmore
Mechanicsburg	Cumberland	S. A. Johnson
Mechanicsburg	Cumberland	Myra Rodgers
Mercersburg	Franklin	Gertrude Shuler
Middletown	Dauphin	Francis O'Donnell
Mifflintown	Dauphin	
Millersburg	Juniata	
Milroy	Dauphin	
	Mifflin	

HIGH SCHOOL	COUNTY	ALUMNUS
Mount Union	Huntingdon	Lola Pheasant Weyant Mrs. Joseph Shapito
New Bloomfield	Perry	Ralph Swan
New Cumberland	Cumberland	Charles Slaybaugh
Newport	Perry	Walter Cressler
Newville	Cumberland	C. E. Hassler
Penbrook	Dauphin	Adam Hoover
Petersburg	Huntingdon	Henry J. Stoudt
Port Royal	Juniata	Mrs. E. L. Beaver
Quincy	Franklin	Roger C. Mowrey
Reedsville	Mifflin	Homer Dean
Roaring Spring	Blair	Mrs. Chalmer E. Sell
Robertsdale	Huntingdon	Hazel Angle
Salttillo	Huntingdon	Mrs. Louise Cornélius
Saxton Liberty	Bedford	Rose McCahan
Scotland Orphans School	Franklin	Robert Macclay
Sharon Hill	Delaware	Helen M. Hefner
Shippensburg	Cumberland	John Bay S. L. Daihl
Steelton	Dauphin	Frank Yingst
St. Thomas	Franklin	Charles Hoerner
Susquehanna Township		Richard McCurdy
Progress	Dauphin	Winifred Kitchen
Swatara Twp. Oberlin	Dauphin	John Roddick
Twin Rocks	Cambria	William C. Nenninger
Warfordsburg	Fulton	Gordon Charlton
Washington Township	Franklin	Walter Lohman
Waynesboro		Glenn Lehman
Waynesboro	Franklin	George Bitner
Wiconisco	Dauphin	Dora Phillips
Williamstown	Dauphin	Clayton C. Vogel
Wrightsville	York	Elizabeth Reeder Nispel
Yeagertown	Mifflin	James Gibboney
York	York	Tom Schade
		Benjamin Nispel
		Anna Mary Melhorn
York Springs	York	Mrs. Wimbirt Neely

ROSTER OF STUDENTS

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Adams, Kenneth J., Windber
 Adams, Robert L., Tower City
 Aldridge, Robert C., Hanover
 Allan, Kathryn A., Shippensburg
 Alleman, D. Jane, Shippensburg
 Allen, Phoebe J., Scotland
 Allison, Herbert W., Swarthmore
 Allison, James J., Belleville
 Allison, Roy W., Burnham
 Amato, Domenica R., York
 Anderson, Stanley E., Avalon 2
 Angle, Clyde A., Shippensburg
 Angle, Dolly L., Mercersburg
 Angle, Jacque D., Shippensburg
 Appel, Elden R., Shippensburg
 Appleton, Helen M., Bristol
 Arcuri, Frank J., York
 Arcuri, Rose M., York
 Arnold, Audrey E., York
 Arnold, Edith O., Catasaqua
 Arnold, Gene E., Centre Hall
 Asper, Janet M., Biglerville
 Aument, George, Philadelphia
 Badger, John W., Williamsport
 Baker, Lucille S., York
 Baker, M. Jacqueline, Carlisle
 Baker, Yvonne M., Windsor
 Bard, Mary C., Chambersburg
 Barger, Carl F., Lewistown
 Barlup, Louis M., Waynesboro
 Barr, William H., Altoona
 Barrick, Walter A., Newville
 Barrow, W. Joan, Camp Hill
 Bashore, Jane I., Altoona
 Basore, Lee D., New Cumberland
 Batturs, Joseph E., Coatesville
 Bearer, James F., Carrolltown
 Bedard, Robert C., Drexel Hill
 Beichler, Glenn P., Altoona
 Beidel, Robert R., Shippensburg
 Beitzel, Barbara A., Mechanicsburg
 Bellas, Edward A., Colver
 Benedetto, John E., Altoona
 Berkstresser, Clifford E., Laidig
 Bernstine, Janet B., Bala-Cynwyd
 Beshore, John D., Harrisburg
 Biddle, Glanard L., Hanover
 Bigelow, Marilyn J. B., Belleville
 Bishop, Gail M., Chambersburg
 Bishop, Harold C., Shippensburg
 Bishop, Jacquelin M., Shippensburg
 Bitner, Gary F., Altoona
 Bitner, Joanne L., Chambersburg
 Bivens, Mary A., McConnellsburg
 Blake, Edwin W., Hollidaysburg
 Blocksom, Joseph E.,
 Carney's Point, N. J.
 Bobb, Frances E., Carlisle
 Bock, A. Roberta, Waynesboro
 Bock, Bernice M.,
 Atlantic Highlands, N. J.
 Boden, Suzanne, Ickesburg
 Boettcher, Patricia A.,
 Spring Lake, N. J.
 Boldizar, George W., Gallitzin
 Bolger, Patricia A., Altoona
 Bolton, Frederick E., Shippensburg
 Bonitz, John A., Windber
 Book, Aaron R., Shippensburg
 Bowen, F. Joan, Chambersburg
 Bowers, Janet L., Chambersburg
 Bowers, Mary J., Harrisburg
 Bowling, James M., Waynesboro
 Bowser, Dean, Altoona
 Boyer, Floyd D., Johnstown
 Bradley, Barbara K., Lewistown
 Bradshaw, Lawrence A., Fayetteville
 Brady, Joseph K., McSherrystown
 Braim, Joseph E., Philadelphia
 Brake, John C., Mercersburg
 Brechbiel, Charles A., Greencastle
 Breneman, Phyllis G., Shippensburg
 Bricker, Clarence A., Harrisburg
 Brown, Albert L., York
 Brown, Bernard J., Penns Grove, N. J.
 Brown, Daniel J., Bellwood
 Brown, John W., Altoona
 Brown, Richard V., Chambersburg
 Broyles, Kenton H., Waynesboro
 Bryant, Mary R., Prosepect Park
 Bull, Jacquelyn E., York
 Burd, David W., Newburg
 Burdette, Edith L., Chambersburg
 Burger, John R., York
 Burgess, Robert D., Beaver
 Burkert, Sidonia J., Lewistown
 Burkholder, Naomi K., Newville
 Burnheimer, Charles F., Altoona
 Bushey, Archie L., Spring Grove
 Cale, William E., Harrisburg
 Callen, Matthew, Harrisburg
 Campbell, Carole A., Hanover
 Campbell, Donald M., Middletown
 Campbell, Estella M., Shippensburg
 Campbell, Joanne A., Lewistown
 Campitell, Joseph L., Windber

- Campolung, Eugene T., Clearfield
 Cannon, Edmund J., Wallington, N. J.
 Capp, Theresa E., Pittsburgh
 Carbaugh, Margaret M., Chambersburg
 Carlson, Carl A., Williamstown
 Carr, Raymond D., Camden, N. J.
 Champion, Helen L., Lemoyne
 Chapparone, Anthony L., Philadelphia
 Charlton, Delora J., Warfordsburg
 Charlton, Reba L., Warfordsburg
 Cherry, George W., Jr.,
 Palmyra, N. J.
 Chomas, Theodore R., Elizabeth
 Chubb, Robert S., Middletown
 Cialone, Robert A., Robertsdale
 Claar, Francis P., Hollidaysburg
 Clapper, Robert R., Saxton
 Clevenger, Paul D., Newville
 Clopper, Donald L., Waynesboro
 Clouser, Louise A., Newport
 Coble, Martha E., Chambersburg
 Cockley, Jean E., Chambersburg
 Cockley, William H., Chambersburg
 Coder, Charles E., Shippensburg
 Coldsmith, Donald C., Chambersburg
 Coleman, Murdock W.,
 Elizabeth, N. J.
 Coleman, Richard N., Beaver Springs
 Cook, Charles L., Tunkhannock
 Coons, Lehman L., Mount Union
 Corkle, William I., Shippensburg
 Counsman, Ruthann L., Altoona
 Cowan, Patricia A., Fannettsburg
 Craft, James E., York Haven
 Creager, Max E., Waynesboro
 Creamer, Joseph R., Lewistown
 Creasey, Richard G., Wormleysburg
 Cressler, Mary A., Shippensburg
 Crist, Barbara I., Shippensburg
 Cunningham, Frederic M., Mt. Union
 Cutchall, E. Pauline, McConnellsburg
 Cutchall, Robert R., Big Cove Tannery
 Dahr, Helen M., Dillsburg
 Daihl, Robert E., Newburg
 Dapp, Kenneth E., Harrisburg
 Daugherty, Louella, DuBois
 Davidson, Jay F., Shippensburg
 Davis, Charles H., Waynesboro
 Davis, Harold E., Blandburg
 Davis, Jesse B. III, Reedsville
 Deardorff, Jeanne E., Fayetteville
 Deardorff, Lucille A., Fayetteville
 Deck, Robert E., Shippensburg
 Deibler, George E., Harrisburg
 Dell, Harold D., Mount Union
 Demmy, Diane L., Harrisburg
 Derridinger, Joan L., Chambersburg
 DeShong, Donna J., McConnellsburg
 DeShong, Sylvia J., Shippensburg
 Diehl, Nancy J., Manns Choice
 Dillard, Daisy B., Carlisle
 Dillard, Opal S., Carlisle
 Dillman, Harry H., Harrisburg
 DiMuzio, Anthony, Shippensburg
 DiMuzio, Charlotte M., Shippensburg
 Dissinger, JoAnn E., East Berlin
 Doarnberger, Lewis E.,
 Hagerstown, Md.
 Dobby, Margaret L., Robertsdale
 Domville, Thomas A., Avalon
 Donmoyer, James W., Harrisburg
 Dorsey, Jack C., Chambersburg
 Downing, Dorene, Lewistown
 Drake, F. Ruth, Lewistown
 Drumm, Joanne E., Milton
 Dubbs, Arlene L., Shippensburg
 Duerr, David W., Shippensburg
 Duncan, Abraham L., Oberlin
 Duncan, David R., Tyrone
 Dunkelberger, Nancy L., Wyomissing
 Dworzak, Donald C., Hanover
 Eby, Iona R., Elizabethville
 Edgar, James M., Scotland
 Edwards, Frank J., Lansdale
 Eisenhour, Ellen L., Palmyra
 Ellis, Raymond, Philadelphia 40
 Emanuel, John E., Harrisburg
 Engle, Wanda J., Amaranth
 Epley, Elaine M., Lansdowne
 Eppley, John W., Plainfield
 Erb, Calvin N., Blairs Mills
 Erdman, Marie M., Gratz
 Esh, Mary J., Lewistown
 Eslinger, Lloyd E., Allentown
 Etter, Joanne M., Chambersburg
 Etter, Verling L., Hershey
 Evans, Gomer D., Ebensburg
 Everett, Tommy G., Shippensburg
 Fahrney, Patricia A., Harrisburg
 Fanale, Eugene, Windber
 Farner, Galen L., Shippensburg
 Farrell, Anna M., Burnham
 Feather, Franklin B., Altoona
 Feather, James R., Altoona
 Feather, John R., Altoona
 Feiser, Queenie M., East Berlin
 Felton, Richard A., Harrisburg
 Ferguson, Vernon W., Lewistown
 Fickel, James E., Lemoyne
 Filipovitz, Dolores E., Security, Md.
 Filson, Carl S., Hollidaysburg
 Fink, Kenneth L., Philipsburg
 Finkenbinder, Ronald L., Lemoyne
 Fisher, David S., Manns Choice

- Fisher, John R., Hampton
 Fisher, Robert L., Harrisburg
 Flick, William C., Altoona
 Flood, James B., Harrisburg
 Fogelsanger, John W., Shippensburg
 Fogelsonger, Barbara A., Chambersburg
 Foose, Margot L., Fayetteville
 Forbes, Samuel H., Shippensburg
 Forcellini, Lindbergh C., Nanty-Glo
 Fordney, Shirley C., Enola
 Fore, John R., McConnellsburg
 Fortna, Anna L., Shippensburg
 Fortna, Dwight L., Shippensburg
 Foster, Patricia L., Altoona
 Foster, Robert G., Harrisburg
 Fraim, Richard L., Camp Hill
 Frank, David S., Chambersburg
 Frantz, David E., Lemoyne
 Frye, Marjorie A., Martinsburg
 Fuhrman, Lowell K.
 Fullerton, Garnett A., Bridgeville
 Funk, John C., Chambersburg
 Gaddis, Allen R., Chambersburg
 Galbraith, Walter R., Altoona
 Garman, Lawrence M., Harrisburg
 Garrison, Lawrence R., Hershey
 Garson, John V., Wyncote
 Gates, Charles E., Petersburg
 Genbauffe, Mary E., Turtle Creek
 Gentzler, Fred A., York
 George, Donald M., Williamstown
 Gerbig, Ronald E., Harrisburg
 Gerdes, Richard M., Harrisburg
 Gerlock, Edward J., Mount Union
 Gettel, Jean A., Shippensburg
 Getz, Quentin E., Mechanicsburg
 Giacobello, James P., Mount Union
 Giardine, Romeo R., Waynesboro
 Gibboney, Donald H., Huntingdon
 Gilliland, William L., Warriors Mark
 Gingrich, Wayne D., Mifflintown
 Glee, Evelyn R., McConnellsburg
 Gleim, Alfred C., Shippensburg
 Goodhart, Carolyn L., Newville
 Goodling, Kenneth E., Thompsonstown
 Goodling, Robert E., Cocolamus
 Gouse, Benjamin T., Mechanicsburg
 Graf, Nancy A., Camp Hill
 Greco, Edward A., Philadelphia 46
 Green, Doris A., Chambersburg
 Greenawalt, Doris J., Harrisburg
 Gross, Harry E., Thomasville
 Gross, Mary W., Dauphin
 Group, Mary L., Gettysburg
 Grove, Jane H., Alexandria
 Grove, Richard K., Altoona
 Guss, Suzanne J., Mifflintown
 Haar, Norman D., Abbottstown
 Hafer, Frances J., Shippensburg
 Hafer, Suzanne M., Shippensburg
 Hager, Darlene E., Enhaut
 Hagyard, John H., Philipsburg
 Hahs, Shirley C., Aldan
 Hall, Sandra C., Orrtanna
 Hamill, Thomas S., Philadelphia
 Hamm, Gwendolyn M., New Oxford
 Hancock, Eleanor E., Altoona
 Hargleroad, John M., Chambersburg
 Harling, Richard C., Camp Hill
 Harman, Jack E., Chambersburg
 Harner, George E., Littlestown
 Harp, Dorothy A., Myersville, Md.
 Harpster, Harry R., Reedsville
 Harris, Kathryn E., Orelan
 Hartman, Constance M., Mount Union
 Hartssock, Patricia L., Lewistown
 Hassler, John P., Chambersburg
 Hatchell, Marjorie M., Harrisburg
 Hauber, Frederick W., Lemoyne
 Haugh, Gerald E., York
 Hawn, Ruth E., Petersburg
 Hays, Robert H., Carlisle
 Heckler, James R., Chambersburg
 Heefner, Theodore C., Chambersburg
 Heffelbower, Betty L., Shippensburg
 Heiges, Fred C., York
 Heintzelman, Robert E., Mechanicsburg
 Heistand, Roy E., Hershey
 Henderson, Martha L., Alexandria
 Henry, Doris J., New Enterprise
 Henry, Samuel F., Harrisburg
 Hepner, James J., Shippensburg
 Herr, Harry R., York
 Hess, Barbara A., Waynesboro
 Hess, Barbara M., Harrisburg
 Hess, Jean E., Saxton
 Hess, Nancy L., Waynesboro
 Hildebrand, Wilbur J., Hanover
 Hissong, Jonas F., Chambersburg
 Hocker, Elaine W., Harrisburg
 Hockersmith, Joseph L., Shippensburg
 Hockersmith, Robert W., Shippensburg
 Hoffman, Janet V., Salttilo
 Holbert, John W., Greencastle
 Hollenshead, John A., Needmore
 Holley, Josephine E., Philadelphia
 Holmes, Donna R., Harrisburg
 Hoover, Barbara A., Wrightsville
 Hoover, Rodney L., Newburg
 Horner, Phyllis R., Harrisburg
 Horst, Lloyd H., Enola
 Howell, Roy E., Middletown
 Howland, Amos G., Shippensburg
 Hull, Donald F., Jr., Shippensburg

- Hunsberger, William A., Slatington
 Hursh, Patricia A., Newville
 Hyatt, Phyllis J., Altoona
 Hykes, Robert M. Jr., Shippensburg
 Imbrognio, Adeline M., Harrisburg
 Itinger, Mary L., Alexandria
 Iwanczyk, Angelus L., Ambridge
 Jacoby, Carl L., Harrisburg
 Jacoby, Clarence R., Shippensburg
 Jenkins, Geraldine L., Defiance
 Jones, Lois A., Shermans Dale
 Jones, Marilyn L., Mechanicsburg
 Jumper, Eldon D., Newville
 Kadel, Ella C., Chambersburg
 Kaiser, Charles W., Chambersburg
 Kaup, Nancy L., Lewistown
 Keane, Michael J., Harrisburg
 Keefer, Anita M., Chambersburg
 Keefer, John H., Gettysburg
 Keiser, Marilyn D., Lewistown
 Kell, Ralph B. Jr., Chambersburg
 Keller, John E., Shippensburg
 Keller, Lois H., Shippensburg
 Keller, Willis, Bellwood
 Kennedy, Arletta J., McCoysville
 Kepler, Clair A., Mifflintown
 Kercheval, Edward C., Waynesboro
 Kercheval, William C., Waynesboro
 Kiefman, Robert R., Riddlesburg
 Killalea, Patricia A., Gettysburg
 Kinard, Dale R., Windsor
 King, Nancy A., Espy
 Kirk, Robert C., McVeytown
 Kirkpatrick, Joanne E., Scotland
 Klenzing, Winifred J., Chambersburg
 Kline, Paul R., Shippensburg
 Klinger, Josephine E., Sunbury
 Klinger, Lloyd E., Sunbury
 Klingman, Greta G., Mifflinburg
 Klock, Beverly J., York
 Knapp, Richard, Carlisle
 Knohr, Janet L., Gratz
 Knohr, Ralph J., Gratz
 Knoll, Donald G., Chambersburg
 Kohr, Lee H., Newburg
 Kolva, LeRoy C., Lykens
 Kopec, Richard J., Wallington, N. J.
 Kosutic, Peter F., Bressler
 Kramer, Mary E., Penbrook
 Kratzer, Thelma F., Lewistown
 Kurlansik, Leon, York
 Kurtz, Patricia A., Carlisle
 Kyle, Vance H., Chambersburg
 Kyner, Jayne A., Chambersburg
 Lackhove, Harry F., Shippensburg
 Laderack, Joan C., Kinzer
 Laird, Roderick M., Chambersburg
 Lane, Weldon C., Lewistown
 Lauer, William C., Tamaqua
 Laughlin, H. Joanne, Tyrone
 Lawhead, Ronald, Altoona
 Lee, John C., Pottsville
 Lehman, Winnie M., Waynesboro
 Leiphart, Glenn H., Hellam
 Leisinger, Robert E., Waynesboro
 Leitch, John J., Babylon, N. Y.
 Lenker, Helen E., Pillow
 Lewis, Philip L., York
 Lickel, George R., Altoona
 Lightner, C. Robert, York
 Lingg, Naomi F., Carlisle
 Linsky, Marilyn C., Shippensburg
 Little, Charles G., Orrstown
 Lockard, Deweese E., Huntingdon
 Long, Janet A., Carlisle
 Long, Richard E., Lewistown
 Love, Eleanor J., East Waterford
 Luker, Harry G., Harrisburg
 Lynerd, Robert D., Hanover
 Lyter, Miriam M., Halifax
 McCall, Harriet E., Lewistown
 McCann, John E., Shippensburg
 McCarney, James A., Waynesboro
 McClelland, Frank T.,
 Weirton, W. Va.
 McCloskey, James W., Pottsville
 McCloskey, Joseph F., Pottsville
 McCrerey, L. Carol, Dry Run
 McCullough, Frances H., Newville
 McCullough, Joseph P., Carlisle
 McDonnell, Catherine E., Sunbury
 McGehee, Edwin R., Chambersburg
 McGehee, Edwinna A., Chambersburg
 McGehee, James J., Chambersburg
 McKee, Margaret J., Chambersburg
 McLaughlin, Elizabeth L., Fort Loudon
 McMaster, Harvey C., Thompsettown
 McMillen, Faye E., Loysville
 McMillen, Fern M., Loysville
 McNie, James S., Aliquippa
 MacFarlane, Albert R.,
 Plymouth Meeting
 Maclay, Edward J., Shippensburg
 Maclay, Robert P., Scotland
 Maclay, William R., Shippensburg
 MacNulty, Winifred M., Wyncote
 Madden, Bonita R., Big Cove Tannery
 Magaro, Louise M., Camp Hill
 Magee, Patricia A., Amberson
 Magill, James A., Harrisburg
 Mahoney, Norabel, Altoona
 Malamos, Helen P., Shippensburg
 Malone, Margaret L., Chambersburg

- Manning, Thomas W.,
Atlantic City, N. J.
- Mariner, Andrew, Philadelphia
- Martin, Janet A., Shippensburg
- Martin, Joan B., Harrisburg
- Martin, Lee G., Chambersburg
- Martin, Madge, Carlisle
- Martin, Martha E., Gettysburg
- Martin, Nancy L., Chambersburg
- Matthews, Donald M., Mechanicsburg
- Maurer, Thayne W., Tremont
- Means, Anne L., Shippensburg
- Means, Chalmers E., Shippensburg
- Meckley, Patricia A., Altoona
- Medlicott, William J., Shippensburg
- Meily, Richard H., Shippensburg
- Mellott, O. Guy, Shippensburg
- Mentzer, Elmo L., Carlisle
- Meredith, Berk B., Shippensburg
- Metcalfe, Wilma K., Mercersburg
- Miller, Arthur T., Chambersburg
- Miller, Barbara A., Shippensburg
- Miller, Charles L., Millersburg
- Miller, Joyce D., Altoona
- Mills, Carolyn E., Mount Union
- Mills, Charles W.,
Atlantic Highlands, N. J.
- Minick, Harry N., Newburg
- Minnick, William R., Mount Union
- Mixell, Sheldon L., Chambersburg
- Mock, Dorothy J., Everett
- Modla, Elmer J., Havertown
- Moloney, Vincent R., South Enola
- Moore, Bernard J., Altoona
- Moore, Gary C., Union Deposit
- Moore, Ramona L., Neelyton
- Morter, Ethel G., Waynesboro
- Motter, James R., Littlestown
- Mowery, Charles U., Carlisle
- Mowery, Chester A., Shippensburg
- Moyer, Leon W., West Lawn
- Muncert, Frederick C., Johnstown
- Murray, Janice G., Doylesburg
- Myers, Charlotte K., York
- Myers, Jack E., Hunters Run
- Myers, Kitty L., Shippensburg
- Myers, Leonard, Philadelphia
- Myers, Robert H., Newport
- Nace, Eleanor T., Harrisburg
- Neely, Donald L., Hollidaysburg
- Nell, Richard F., Dillsburg
- Nesbit, James C., Rossville
- Ness, Robert E., York
- Newman, Lawrence L., Fayetteville
- Nolan, Helen J., Newburg
- Novinger, Joyce A., Harrisburg
- Nuss, Karl K., Jr., Highspire
- Oates, James G., Philadelphia 11
- Ogden, Nancy J., Gettysburg
- Oiler, Jay F., Newville
- Oliver, Lois S., Chambersburg
- Over, Joseph D., Woodbury
- Owens, Gwendolyn B., Shippensburg
- Oyler, Doris P., Gettysburg
- Oyler, E. Jane, Gettysburg
- Papoutsis, James N., Shippensburg
- Patterson, Ray N., Chambersburg
- Peak, John D., Philadelphia
- Pearson, Nathan P., Philipsburg
- Peck, Mary E., McConnellsburg
- Peck, Rose M., Tyrone
- Peffer, Lena G., Carlisle
- Penn, Thomas F., Philipsburg
- Pennebaker, James D., Lewistown
- Penrod, Renford L., Mount Wolf
- Penrod, William A., Pittsburgh
- Pescuma, Ralph A., Babylon, N. Y.
- Peters, Joan G., Red Lion
- Petroff, Jordan, Harrisburg
- Pettenati, Delphine F., Altoona
- Pheasant, Emma M., Cassville
- Picking, Evelyn E., Chambersburg
- Pine, Robert C., Altoona
- Pine, Shirley M., Altoona
- Pfahler, Donald, Bellwood
- Plack, Annabelle, Harrisburg
- Plack, Edith B., Shippensburg
- Plack, Ralph B., Shippensburg
- Plump, Donald W., Hackensack, N. J.
- Polesky, Fred P., Bentleyville
- Post, Jeanne E., Wanamassa, N. J.
- Potoczny, Joseph, Aliquippa
- Prescott, Mary A., Carlisle
- Price, Fred C., Arendtsville
- Pryor, Sarah J., Waynesboro
- Pursel, Barbara L., Burnham
- Radel, Barbara A., Penbrook
- Rader, Yvonne J., Shippensburg
- Raffensperger, Donna E., Camp Hill
- Ranck, Mary L., Leola
- Raulston, June K., Newville
- Reasner, Charles A., Fayetteville
- Rebert, John A., Littlestown
- Redfern, William J., Clifton Heights
- Reed, E. Jean, Altoona
- Reed, Jack S., Aitch
- Reed, Marjorie I., Alexandria
- Reed, Mary C., Dudley
- Reed, Paul R., Aitch
- Reed, William C., Bellwood
- Reese, Ruth E., Shippensburg
- Reichard, Glendora E., Chambersburg
- Reifer, James T., Houtzdale
- Replogle, James R., New Enterprise

- Rettinger, Marie M., Halifax
 Rhoads, Richard, Philadelphia 24
 Rhone, Richard T., Newburg
 Richards, Max E. Jr., Philipsburg
 Richardson, Margaret L., Newville
 Richter, Conrad B., Millersburg
 Richter, Hermine A., Millersburg
 Richwine, Harold J. Jr., Harrisburg
 Richwine, Keith N., Harrisburg
 Rickrode, Charles D., Chambersburg
 Rinker, Austin G., Chambersburg
 Ritter, Joseph F., Greason
 Roberts, Roger A., Ebensburg
 Rockwell, Myers D., Mercersburg
 Rodgers, Dean T., Milroy
 Rohrbaugh, Jean E., Hanover
 Roksandic, Samuel, Steelton
 Roland, Calvin E., Hanover
 Roll, Franklin, Mt. Union
 Romano, Peter, Penns Grove, N. J.
 Romano, Salvador A., Windber
 Rosenbery, Jane A., Mount Union
 Ross, James E., Robertsdale
 Roth, James M. Jr., Harrisburg
 Rothstein, Marvin L., Philadelphia
 Rottler, Emil K., York
 Rotz, Edward D., Three Springs
 Routsong, Jacquelin B., Gettysburg
 Row, Herman E., Williamstown
 Rowan, John E., Harrisburg
 Rudy, Margaret E., Shippensburg
 Rummel, Wallace B., Lewistown
 Runkle, Harry M., Harrisburg
 Runkle, Mary G., Penbrook
 Rupley, John A., Harrisburg
 Russ, John V., Harrisburg
 Rynard, Jaclyn A., Carlisle
 Sachs, Donald S., Petersburg
 Sanville, Sylvia J., Westtown
 Sauers, Louis F., North Wales
 Sauers, Paul J., Johnstown
 Scaglione, Steve, Windber
 Scalamogna, Joanne, Harrisburg
 Schenck, Fred C., Greencastle
 Schnarrenberger, Ray W., Pittsburgh
 Schneider, Erna M., Carlisle
 Schneider, Ernest F., Carlisle
 Schneider, Hans, Waynesboro
 Schubauer, Selma V., Penbrook
 Schultz, Dorothy J., Warfordsburg
 Scoppetti, Frank A., Carlisle
 Scott, Emma R., Gettysburg
 Sevel, Selma A., York
 Shade, Allison L., Clear Ridge
 Shade, Jacqueline L., Millerstown
 Shadle, William E., Wiconisco
 Shafer, Donald L., Fayetteville
 Shaffer, Freeland E., Hanover
 Shambaugh, Phyllis J., Carlisle
 Shank, Evers A., Carlisle
 Shaul, Karl R., West Fairview
 Shaul, Robert K., West Fairview
 Shaw, Frederick H., Penbrook
 Shearer, Joan E., Spring Run
 Shearer, Ronald M., Lewistown
 Sheetz, Frances N., Burnham
 Sherkel, Judith L., Camp Hill
 Sherman, Edgar J., Harrisburg
 Shewell, Richard D., Glen Rock
 Shillingford, Thelma R., Primos
 Shipley, Armeda E., York Haven
 Shober, Anne L., Reading
 Shumaker, Robert M., Harrisburg
 Shuman, Robert L., Chambersburg
 Sieg, Harry R., Pittsburgh
 Simon, Carol W., Saxton
 Simonitis, William P., Wilkes-Barre
 Sinner, Carl I., York
 Slaybaugh, Janice E., Mont Alto
 Smeigh, Susan S., Altoona
 Smith, Beverly A., Waynesboro
 Smith, Clarence R., Chambersburg
 Smith, Dorothy I., Blain
 Smith, Dorothy J., Lambertton
 Smith, Genevieve A., Shippensburg
 Smith, Glenn E., Boiling Springs
 Smith, Robert R., Clearfield
 Smith, Virginia E., New Bloomfield
 Smith, Warren B., Jr., West Fairview
 Smith, William R., Amaranth
 Snoke, Dorothy J., Chambersburg
 Snook, Darel R., Burnham
 Snyder, Robert F., Altoona
 Solenberger, George L., Shippensburg
 Sowers, Floyd R., Shippensburg
 Spangler, Elizabeth A., York
 Spanogle, Anna W., Chambersburg
 Specht, Barbara J., Millersburg
 Spickler, Aldus, Carlisle
 Spigelmyer, Wanda L., Lewistown
 Spotts, Glenna M., Shermans Dale
 Spraglin, William E., Carlisle
 Stahl, Dorothy M., Cito
 Stamp, Joan M., Upper Darby
 Stannard, Margaret M., Altoona
 Statler, Geraldine L., Greencastle
 Statler, Janet C. M., Chambersburg
 Staub, Vera M., Mechanicsburg
 Staudt, Arletta I., Harrisburg
 Stauffer, Richard, Altoona
 Steele, Mildred I., Harrisburg
 Steele, William T., Harrisburg
 Stenger, Melvin B., Mercersburg
 Stewart, Gerald E., Spring Run

- Stimmell, James R., Altoona
 Stitzer, Marius M., Jr., Easton
 Stoken, Edward M., Aliquippa
 Stoner, Alwilda E., Mifflintown
 Stoner, Nancy A., Harrisburg
 Stouffer, Bertha E., Greencastle
 Straley, Dean, Enola
 Straub, Patricia A., Millersburg
 Strayer, William A., Fayetteville
 Strohm, Charles R., Shippensburg
 Stroup, Marjorie J., Mercersburg
 Stuck, Kenneth O., Lewistown
 Studenmund, Morris F.,
 Philadelphia 19
 Stull, Lorren L., Waynesboro
 Stumbaugh, John L., Chambersburg
 Stump, Shirley K., Hershey
 Stumpff, Nancy H., Lewistown
 Sunderland, Ray T.,
 Newton Hamilton
 Sutton, Millicent L., Lemoyne
 Swanger, Betty J., Newburg
 Swartley, Kenneth M.,
 Philadelphia 31
 Swartz, Richard L., Mercersburg
 Sweitzer, Charlene D., York
 Swigert, Theodore R., Harrisburg
 Swope, William F., Needmore
 Swoyer, Charlotte V., Birdsboro
 Taylor, Carol J., Williamsport
 Taylor, Laurel E., New Oxford
 Tenny, William B., West Fairview
 Thompson, Donald E., Enola
 Thompson, Gloria L., Lewistown
 Thumma, Robert W., Carlisle
 Tichy, Jenny L., Mount Holly Springs
 Toggas, Kathryn, York
 Tolbert, Rodney W., Chambersburg
 Treese, Gerald E., Bellwood
 Trostle, Richard E.,
 Mount Holly Springs
 Turban, Jacob D., New Cumberland
 Ulrich, Hersheul R., Harrisburg
 Utts, Paul L., Bellwood
 Vandermark, Harold R., Nanticoke
 VanZandt, Robert G., Altoona
 Vasick, Leo S., Bridgeport
 Vaughn, Barbara J., Huntingdon
 Vesco, Theresa J., Greensburg
 Vignovich, Robert E., Aliquippa
 Vink, Suzanne K., Waynesboro
 Vinski, John A., Etna
 Wagner, Jay G., Chambersburg
 Wagner, Joseph, Shippensburg
 Walker, George A., Hollidaysburg
 Walker, Jean M., Ardmore
 Wallace, Dorothy A., Bellwood
 Wallace, James W., Harrisburg
 Wantz, Carolyn M., York
 Ward, Myra F., Clearville
 Warfel, Norman E., Millersburg
 Warner, Emily S., Blue Ridge Summit
 Warthin, Freda M., McConnellsburg
 Wasson, John L., Tyrone
 Weaver, Gladys A., Saxton
 Webber, Dorothy L., Newville
 Wenger, Jean E., Chambersburg
 Wenschhof, Betty J., Gettysburg
 Wentz, Jane, McVeytown
 Wertz, Miriam P., Tyrone
 Wherley, Richard H., York
 Whitcomb, Robert K., Carlisle
 White, Anna J. V., East Waterford
 White, Craig S., Lewistown
 Whorl, Jacques R., York
 Wilson, Charles C., Nanty-Glo
 Wilson, Joan L., Warriors Mark
 Wilson, Marian E., Newport
 Wirt, Sally A., Harrisburg
 Wise, Mary E., Millersburg
 Witmer, Jack E., Richmond Furnace
 Witmer, Ned M., Hanover
 Wolf, Frances E., Shippensburg
 Wrightstone, George E., Enola
 Wynkoop, Marilyn E., Narberth
 Wyrick, William B., Shippensburg
 Yakoumis, Gertrude C., Pottsville
 Yantz, Charles W., Hummelstown
 Yeakel, Mary H., Pottsville
 Yetter, Shirley A., Enola
 Yhlen, George J., Maywood, N. J.
 Yinger, Clifford L., Shippensburg
 Yoder, Betsy L., Belleville
 Yost, Harold E., Hanover
 Youtz, Shirley A., Lancaster
 Zada, Robert J., Carrolltown
 Zataveski, Leonard W., Shippensburg
 Zechman, Ronald E., West Lawn
 Zeiders, Betty L., Harrisburg
 Zentmeyer, Jack C., Harrisburg
 Zimmerer, Frank W., Harrisburg
 Zimmerman, Dorothy L., Harrisburg
 Zook, Janet L., Kane
 Zolnerowich, John, South River, N. J.

TENTATIVE CLASS OF 1951

- Arcuri, Rose M.
 Arnold, Audrey E.
 Arnold, Gene E.
 Asper, Janet M.
 Aument, George
 Baker, Lucille S.
 Baker, Yvonne M.
 Barlup, Louis M., Jr.
 Bates, Blanche
 Beichler, Glenn P.
 Beidel, Robert R.
 Benedetto, John E.
 Bernstine, Janet B.
 Bishop, Gail M.
 Bishop, Harold C.
 Blocksom, Joseph E.
 Bobb, Frances E.
 Bolger, Patricia A.
 Bollinger, Frank L.
 Book, Aaron R.
 Bradley, Barbara K.
 Burgess, Robert D.
 Cale, William E.
 Campitell, Joseph L.
 Carr, Raymond D.
 Charlton, Reba L.
 Chubb, Robert S.
 Cialone, Robert A.
 Cockley, Jean E.
 Cousinsman, Ruthann L.
 Dahr, Helen M.
 DiMuzio, Anthony
 DiMuzio, Charlotte M.
 Dobey, Margaret L.
 Doarnberger, Lewis E.
 Drumm, Joanne E.
 Duerr, David W.
 Duncan, Abraham L.
 Edwards, Frank G.
 Eisenhour, Ellen L.
 Emanuel, John E.
 Etter, Verling L.
 Farner, Galen L.
 Fisher, John R.
 Forbes, Samuel H.
 Fordney, Shirley C.
 Fore, John R.
 Fortna, Dwight L.
 Gaddis, Allen R. III
 Garman, Lawrence M.
 Garner, Ruth S.
 Garrison, Lawrence R.
 George, Donald M.
 Getz, Quentin E.
 Giacobello, James P.
 Giardine, Romeo R.
 Gilliland, William L.
 Gingrich, Wayne D.
 Gleim, Alfred C.
 Hafer, F. Joyce
 Hamill, Thomas S.
 Hartman, Constance M.
 Hartsock, Patricia L.
 Hays, Robert H.
 Hull, Donald F., Jr.
 Hykes, Robert M., Jr.
 Jacoby, C. Robert
 Keefer, John H.
 Kirkpatrick, Joanne E.
 Klingman, Greta G.
 Kohr, Lee H.
 Kosutic, Peter F.
 Kramer, Mary E.
 Kratzer, Thelma F.
 Kyle, Vance H.
 Lackhove, Harry F.
 Lee, John C., Jr.
 Leiphart, Glenn H.
 Lingg, Naomi F.
 Long, Richard E.
 Luker, Harry G.
 Lynerd, Robert D.
 McCall, Harriet E.
 McClain, Thyro H.
 McCloskey, James W.
 McCreery, L. Carol
 McGehee, Edwinna A.
 McNie, James S.
 Magill, James A.
 Martin, Madge
 Martin, Martha E.
 Matthews, Donald M.
 Meredith, Berk B.
 Miller, Arthur T.
 Modla, Elmer J.
 Morter, Ethel G.
 Mowery, Charles U.
 Mowery, Chester A.
 Muncert, Frederick C.
 Murray, Janice G.
 Newman, Lawrence L.
 Over, Joseph D.
 Oyler, Doris P.
 Peck, Mary E.
 Peffer, Lena G.
 Peters, Joan G.
 Picking, Evelyn E.
 Pine, Robert C.
 Plack, Edith B.
 Plack, Ralph B.

Potoczny, Joseph
Price, Fred C.
Pursel, Barbara L.
Putt, Martha M.
Ranck, Mary L.
Rebert, John A.
Reed, E. Jean
Richter, Hermine A.
Ritter, Joseph F.
Roksandic, Samuel
Rothstein, Marvin L.
Rottler, Emil K.
Rupley, John A.
Sanville, Sylvia J.
Sauers, Louis F.
Schneider, Erna M.
Shadle, William E.
Shaffer, Freeland E.
Smith, Dorothy I.
Snoke, Dorothy J.
Snook, Darel R.
Solenberger, George L.
Sowers,, Floyd R.
Specht, Barbara J.
Spotts, Glenna M.
Staudt, Arletta I.
Stauffer, Richard C.
Stimmel, James R.
Stitzer, Marius M., Jr.
Straub, Patricia A.
Strayer, William A.
Stroup, Marjorie J.
Stumbaugh, John L.
Sweitzer, Charlene D.
Swigert, Theodore R.
Swope, William F.
Toggas, Kathryn
Trostle, Richard E.
Vasick, Leo S.
Vaughn, Barbara J.
Vinski, John A.
Wagner, Joseph
Wenschhof, Betty J.
Wentz, Jane
White, Anna Jane V.
White, Craig S.
Wilson, Marian E.
Witmer, Ned M.
Yetter, Shirley
Yinger, Clifford L.
Zadai, Robert J.
Zataveski, Leonard W.
Zolnerowich, John

GRADUATES OF 1950

NAME	ADDRESS	COUNTY & STATE
Albright, William E., Jr.	1800 Zarker St., Harrisburg	Dauphin, Pa.
Alexander, Dorothy M.	Belleville	Mifflin, Pa.
Alexander, Winifred L.	2315 Boas St., Harrisburg	Dauphin, Pa.
Ambrose, George H.	Route 4, Chambersburg	Franklin, Pa.
Andrew, Betty I.	Cashtown	Adams, Pa.
Angle, Philip H.	128 Cumberland Ave., Shippensburg	Cumberland, Pa.
Armstead, Frank W.	138 N. 13th St., Harrisburg	Dauphin, Pa.
Ashby, Loris W.	2113 Moore St., Harrisburg	Dauphin, Pa.
Attick, Glenn E.	35 S. Paxtang Ave., Harrisburg	Dauphin, Pa.
Auman, George A.	Star Route, Carlisle	Cumberland, Pa.
Baddorf, Richard B.	Robertsdale	Huntingdon, Pa.
Baker, Eugene R.	R. R. 6, Chambersburg	Franklin, Pa.
Baker, Thomas S.	Dry Run	Franklin, Pa.
Barlup, Mary Belle	P. O. Box 186, Waynesboro	Franklin, Pa.
Barrick, Donald B.	312 S. Pitt St., Carlisle	Cumberland, Pa.
Baublitz, Paul C.	101 Walnut St., Carlisle	Cumberland, Pa.
Bigham, June R.	E. York St., Biglerville	Adams, Pa.
Bolton, James R.	204 N. Prince St., Shippensburg	Cumberland, Pa.
Boody, Carl R.	346 Ave. I., Carney's Point	Salem, N. J.
Bottenfield, Emma G.	Crystal Spring	Fulton, Pa.
Bradley, Alice B.	46 Wilson St., Carlisle	Cumberland, Pa.
Breslin, Robert P.	113 15th St., Altoona	Blair, Pa.
Brindle, Mary R.	Biglerville	Adams, Pa.
Brockey, Phyllis L.	Route 1, Flintstone	Bedford, Md.
Brothers, H. Richard	505 W. Market St., York	York, Pa.
Bupp, Darwin S.	1237 E. Maple St., York	York, Pa.
Burkholder, Paul S.	Route 2, Shippensburg	Franklin, Pa.
Burnshire, Dorris M.	R. F. D. 1, Tyrone	Blair, Pa.
Butler, Melvin D.	616 6th Ave., Juniata, Altoona	Blair, Pa.
Cimbalista, John K.	Six Mile Run	Bedford, Pa.
Clark, Lois B.	276 Philadelphia Ave., Chambersburg	Franklin, Pa.
College, David H.	46 Lincoln Way West, Chambersburg	Franklin, Pa.
Cooper, Shirley A.	106 Columbia Road, Enola	Cumberland, Pa.
Costello, Thomas J.	781 State St., Millersburg	Dauphin, Pa.
Creager, Chester J.	506 Loucks St., York	York, Pa.
Crider, Charles S.	R. D. 1, Jonestown	Lebanon, Pa.
Crites, Robert E.	909 Diamond St., Williamsport	Lycoming, Pa.
Croft, Robert S.	243 Willow St., Carlisle	Cumberland, Pa.
Crumrine, William B.	765 Broadway, Hanover	York, Pa.
Daley, Wilbur H.	R. R. 4, Waynesboro	Franklin, Pa.
Dell, Neil F.	Box 79, Shippensburg	Cumberland, Pa.
Dixon, Mary L.	1028 Radcliffe St., Bristol	Bucks, Pa.
Dixon, Patricia	2514 Market St., Camp Hill	Cumberland, Pa.
Dorn, Harry A., Jr.	Box 162, St. Thomas	Franklin, Pa.
Earp, William L.	208 S. Main St., Yeagertown	Mifflin, Pa.
Eslinger, Mary G.	Millerstown	Perry, Pa.
Fickes, Gloria Z.	1615 Hunter St., Harrisburg	Dauphin, Pa.
Forst, Charles F.	520 1st Ave., Altoona	Blair, Pa.

NAME	ADDRESS	COUNTY & STATE
Fortna, James M.	317 Lincoln Way West, Chambersburg	Franklin, Pa.
Fralick, Richard M.	211 E. King St., Shippensburg	Cumberland, Pa.
Francis, Robert M.	8 Water St., Mt. Union	Huntingdon, Pa.
Gabler, Robert H.	130 King St., Chambersburg	Franklin, Pa.
Gebhard, Velma B.	65 W. Louthier St., Carlisle	Cumberland, Pa.
Geiman, Charles W.	37 Hazel St., Chambersburg	Franklin, Pa.
Gross, John H., Jr.	531 N. Franklin St., Hanover	York, Pa.
Guistwhite, Jack R.	539 Market St., New Cumberland	Cumberland, Pa.
Gulden, Robert C.	345 Fort St., Shippensburg	Cumberland, Pa.
Hales, Loomis E.	101 S. Earl St., Shippensburg	Cumberland, Pa.
Hamilton, Elmer N.	203 N. High St., Duncannon	Perry, Pa.
Hartman, Paul J.	Ickesburg	Perry, Pa.
Hassinger, Warren E.	Gratz	Dauphin, Pa.
Hassler, Maxine L.	20 E. Main St., Newville	Cumberland, Pa.
Heberlig, Vivian G.	32 N. Earl St., Shippensburg	Cumberland, Pa.
Heberly, Mary J.	3028 Holland St., Erie	Erie, Pa.
Henry, Harold D.	9 N. Queen St., Shippensburg	Cumberland, Pa.
Herrmann, George H.	403 Kennon Rd., Havertown	Delaware, Pa.
Herrmann, Nancy S.	111 N. Washington St., Shippensburg	Cumberland, Pa.
Hibbs, Clarence R.	Cocolamus	Juniata, Pa.
Hoke, Paul E.	472 W. Philadelphia St., York	York, Pa.
Hopper, Donald R.	1400 Washington Ave., Altoona	Blair, Pa.
Hopper, Jack D.	1611 23rd Ave., Altoona	Blair, Pa.
Houser, Marguerite	102 Shaw Ave., Lewistown	Mifflin, Pa.
Hubley, John E.	332 E. Burd St., Shippensburg	Cumberland, Pa.
Irvin, Peggy J.	114 15th St., Altoona	Blair, Pa.
Jones, Barbara A.	66 Albert Ave., Aldan	Delaware, Pa.
Jones, Margaret E.	R D. 1, Littlestown	Adams, Pa.
Keller, Betty J.	Middletown	Middletown, Md.
Kelly, Elizabeth D.	1620 S. Lewis St., Tulsa	Oklahoma
Killinger, Herbert E.	464 N. Front St., Steelton	Dauphin, Pa.
Kister, Jack E.	515 Fourth St., New Cumberland	Cumberland, Pa.
Kitchen, Winifred E.	1653 Walnut St., Harrisburg	Dauphin, Pa.
Klee, Margaret L.	103 E. Washington St., Chambersburg	Franklin, Pa.
Kleinfelter, Leo R.	Biglerville	Adams, Pa.
Knight, Richard B.	1513 Simpson Ferry Rd., New Cumberland	Cumberland, Pa.
Kolbensschlag, Francis B.	890 27th St., Altoona	Blair, Pa.
Korkuch, Francis J.	910 E. Race St., Shamokin	Northumberland, Pa.
Kough, James L.	3013 Pine Ave., Altoona	Blair, Pa.
Kroeger, Inge M.	1612 Forster St., Harrisburg	Dauphin, Pa.
Lantzy, Michael A.	Carrolltown	Cambria, Pa.
Latshaw, Clayton A.	Arch St., Spring City	Chester, Pa.
Leckrone, Roslyn E.	34 N. Hartman St., York	York, Pa.
Lees, George E.	1219½ Bailey St., Harrisburg	Dauphin, Pa.

NAME	ADDRESS	COUNTY & STATE
Leidich, Virginia A.	N. Main St., Milroy	Mifflin, Pa.
Lemaster, Raymond W., Jr.	122 N. Prince St., Shippensburg	Cumberland, Pa.
Leo, Ronald R.	330 S. Fourth St., Steelton	Dauphin, Pa.
Leshner, Glenn S.	Route 3, Chambersburg	Franklin, Pa.
Leverentz, John L.	1219 Walnut St., Ashland	Schuylkill, Pa.
Lickel, Gene B.	1917 4th Ave., Altoona	Blair, Pa.
Linn, Ray W.	29 Richard Ave., Shippensburg	Cumberland, Pa.
Linthurst, Sara B.	Maine St., Milroy	Mifflin, Pa.
Lloyd, John C.	2013 McMinn St., Aliquippa	Beaver, Pa.
Lorah, James A.	739 Girard St., Harrisburg	Dauphin, Pa.
Luck, Donald D.	67 W. King St., Shippensburg	Cumberland, Pa.
McClure, Mary J.	North Wales	Montgomery, Pa.
McConnell, E. Virginia	Port Royal	Juniata, Pa.
McCrae, Leroy D.	Orrstown	Franklin, Pa.
McDermitt, Patrick D.	267 Park Ave., New Cumberland	Cumberland, Pa.
McIntire, John F.	103 E. North St., Waynesboro	Franklin, Pa.
McKenzie, Ray S.	R. R. 1, Chambersburg	Franklin, Pa.
Malamos, Doris A.	40 E. King St., Shippensburg	Cumberland, Pa.
Manley, John W.	111 11th Ave., Juniata, Altoona	Blair, Pa.
Mauk, Marguerite E.	518 E. Wopsy Ave., Altoona	Blair, Pa.
Mellott, Carl W.	McConnellsburg	Fulton, Pa.
Meyer, Pauline H.	Route 2, Box 158, Greencastle	Franklin, Pa.
Middlekauff, Frank E.	R. D. 2, Shippensburg	Cumberland, Pa.
Miller, Robert K.	418 Bosler Ave., Lemoyne	Cumberland, Pa.
Mills, Charles B.	West Decatur	Clearfield, Pa.
Misciagna, John J.	620½ Second Ave., Juniata, Altoona	Blair, Pa.
Montgomery, William H.	463 E. Linn St., Bellefonte	Centre, Pa.
Morris, William F.	1631 Swatara St., Harrisburg	Dauphin, Pa.
Myers, Glenn S.	Dillsburg	York, Pa.
Myers, Robert L.	365 W. North St., Carlisle	Cumberland, Pa.
Nason, Joan L.	215 Hazel Drive, Pittsburg	Allegheny, Pa.
Neady, John G.	11 Sunnyside Ave., Waynesboro	Franklin, Pa.
Neidig, Michael J.	1116-D Cloverly Rd., Harrisburg	Dauphin, Pa.
Peters, James N.	107 N. Walnut St., Burnham	Mifflin, Pa.
Pitman, Joseph P.	1306 Alexander Ave., Chambersburg	Franklin, Pa.
Plasterer, Frances J.	108 Oak Lane, Shippensburg	Franklin, Pa.
Polk, James E.	R. D. 2, Shippensburg	Franklin, Pa.
Raffensperger, K. Lenore	200 S. Stratton St., Gettysburg	Adams, Pa.
Rawhouser, Robert N.	717 W. Clark St., York	York, Pa.
Reed, Alden M.	Route 1, Orrstown	Franklin, Pa.
Rhine, G. Lester	494 E. King St., Shippensburg	Cumberland, Pa.
Rhoades, James L.	Littlestown	Adams, Pa.
Richards, Sheldon G.	Box 33, McConnellsburg	Fulton, Pa.
Robinson, Harriett E.	115 E. North St., Waynesboro	Franklin, Pa.
Roll, Michael	226 W. Shirley St., Mt. Union	Huntingdon, Pa.
Rooney, James A.	143 E. Main St., Elkton	Cecil, Md.

NAME	ADDRESS	COUNTY & STATE
Rost, Anna E.	6630 60 Place, Ridgewood, Brooklyn 27	New York, N. Y.
Rotz, Robert A.	324 E. Fort St., Shippensburg	Cumberland, Pa.
Royer, Frances E.	Blue Ridge Summit	Franklin, Pa.
Schroyer, William H., Jr.	Wayne Heights, Waynesboro	Franklin, Pa.
Schwartz, Sydney	2448 S. Percy St., Philadelphia	Philadelphia, Pa.
Schweitzer, George H.	440 W. Main St., Mechanicsburg	Cumberland, Pa.
Schweser, Frank, Jr.	2530 N. 15th St., Philadelphia	Philadelphia, Pa.
Scott, Adele M.	455 E. King St., Shippensburg	Cumberland, Pa.
Shaffer, Margaret L.	626 6th St., Huntingdon	Huntingdon, Pa.
Shaffer, Robert L.	816 Prospect St., York	York, Pa.
Shaner, Francis I.	316 E. King St., Shippensburg	Cumberland, Pa.
Shank, Donald H.	305 E. King St., Shippensburg	Cumberland, Pa.
Shapiro, Arnold	2817 S. Fairhill St., Philadelphia	Philadelphia, Pa.
Shiplett, James R.	319 Willow Ave., Altoona	Blair, Pa.
Shuler, Gertrude C.	Liverpool	Perry, Pa.
Singiser, Dorothy M.	133 Cumberland Ave., Shippensburg	Franklin, Pa.
Sites, Sheldon W.	34 S. 2nd St., Chambersburg	Franklin, Pa.
Slothower, Dorothy M.	Masonic Homes, Elizabethtown	Lancaster, Pa.
Smith, Arthur C.	Langdondale	Bedford, Pa.
Smith, John R.	169 3rd St., Hanover	York, Pa.
Smith, Paul H.	34 W. King St., Shippensburg	Cumberland, Pa.
Smith, Robert J.	Dickinson	Cumberland, Pa.
Snelbaker, Donald E.	R. D. 1, Dover	York, Pa.
Snyder, Richard E.	149 Addison Ave., Greencastle	Franklin, Pa.
Snyder, William C.	Defiance	Bedford, Pa.
Speacht, Eugene G.	2608 Dove Ave., Altoona	Blair, Pa.
Stefka, Helen R.	R. F. D. 1, Paulsboro	Gloucester, N. J.
Stewart, Robert C.	Amberson	Franklin, Pa.
Stine, Ray M.	R. R. 3, Shippensburg	Franklin, Pa.
Stinner, Claire L.	311 E. Market St., Williamstown	Dauphin, Pa.
Stiver, Marian E.	R. D. 4, Tyrone	Huntingdon, Pa.
Strawmyre, Howard R.	237 E. King St., Shippensburg	Cumberland, Pa.
Streightiff, Wilson A.	East Berlin	Adams, Pa.
Studenmund, Louise B.	115 W. Mt. Pleasant Ave., Philadelphia	Philadelphia, Pa.
Studenmund, R. Godfrey	115 W. Mt. Pleasant Ave., Philadelphia	Philadelphia, Pa.
Taylor, Mabel L.	2026 9th St., Altoona	Blair, Pa.
Tezak, Rudolph J.	2521 Derry St., Harrisburg	Dauphin, Pa.
Thomas, Robert A.	409 McDowell St., Hagerstown	Washington, Md.
Trephan, John J.	86 Disbrow St., Harrisburg	Dauphin, Pa.
Troy, Clair J.	W. Biddle St., Gordon	Schuylkill, Pa.

NAME	ADDRESS	COUNTY & STATE
Truesdale, Elizabeth M.	6903 Denton Rd., Bethesda	Montgomery, Md.
Turchetta, Vincent F.	101 S. Earl St., Shippensburg	Cumberland, Pa.
Utz, Edward A.	Biglerville	Adams, Pa.
Vaughn, Mary L.	Oakview, Huntingdon	Huntingdon, Pa.
Vesco, Minnie T.	R. D. 4, Box 158, Greensburg	Westmoreland, Pa.
Viglione, Thomas J.	503 1st Ave., Altoona	Blair, Pa.
Wagner, Marjorie L.	1902 Lovell Ave., Barnesboro	Cambria, Pa.
Walker, Howard A.	P. O. Box 74, Bellwood	Blair, Pa.
Walmer, Julia M.	2507 Locust Lane, Harrisburg	Dauphin, Pa.
Wambaugh, Dorothy J.	108 Union St., Bedford	Bedford, Pa.
Warfel, Elvin G.	26 Lyter St., Elizabethville	Dauphin, Pa.
Weaver, George D., Jr.	116 Market St., Duncannon	Perry, Pa.
Weeks, G. Glendon	1 South St., Hanover	York, Pa.
Wetzel, Donald S.	203 Bridge St., New Cumberland	Cumberland, Pa.
White, Florence K.	208 E. Bell Ave., Altoona	Blair, Pa.
Wilson, Gerald R.	452 S. Main St., Lewistown	Mifflin, Pa.
Winn, Richard A.	204 9th St., New Cumberland	Cumberland, Pa.
Wood, John A.	517 Park Ave., Wehnwood, Altoona	Blair, Pa.
Ziegler, H. Lucille	R. D. 2, Lewistown	Mifflin, Pa.
Zimmerman, Frederick W.	1337 Susquehanna St., Harrisburg	Dauphin, Pa.
Zimmerman, Dorothy J.	4410 Derry St., Harrisburg	Dauphin, Pa.

ENROLLMENT

College

Graduate Students	12
Class of 1951	162
Class of 1952	136
Class of 1953	221
Class of 1954	212
Class of 1955	15
Part Time Students	3
Pre Summer Session 1950	224
Six Weeks Summer Session 1950	298
Post Summer Session 1950	169
Extension Summer Session 1950	37
TOTAL	1489

Shippensburg Advantages

Located in the Beautiful Cumberland Valley

Reached Easily by Car, Bus, or Railroad

Beautifully Landscaped Campus

Sunlighted Swimming Pool

Two Athletic Fields

Ten All-weather Tennis Courts

Extensive Extra-Curricula Program

Student Activity Building

New Gymnasium

New Laboratory School Building

New Science Building

New and Up-to-date Science Laboratories

Modern Business Machines

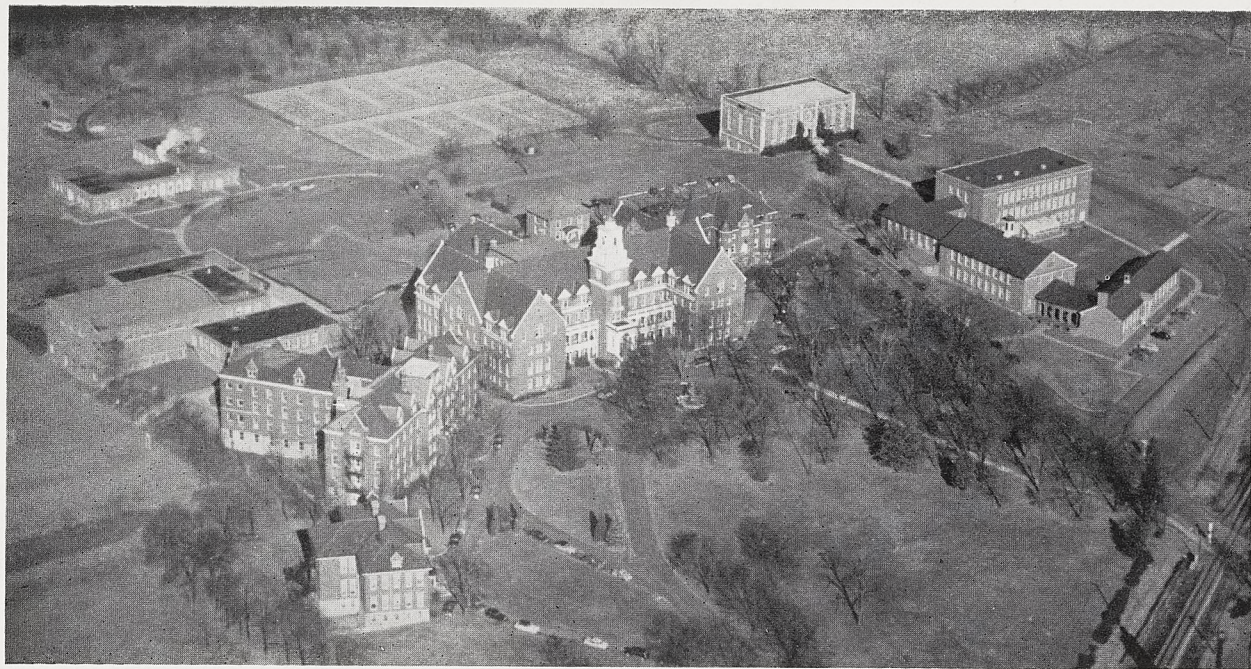
Competent Faculty

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Friendly Spirit



AERIAL VIEW OF THE SHIPPENSBURG CAMPUS

SOME LYCEUM ARTISTS WHO HAVE APPEARED
AT THE COLLEGE DURING RECENT YEARS

- Carl Sandburg, Poet and Lecturer
The Trappe Family Singers
Margaret Webster Players in The Taming of the Shrew
Mario Lanza, Tenor
Eleanor Knapp and Lloyd Harris, Operatic Duets
Margaret Daum, Soprano
Ruth St. Denis Dancers
Charles O'Connel, Author, Conductor, Lecturer
The Ted Shawn Dancers
Evelyn MacGregor, Contralto
The National Symphony Orchestra
The Westminster Choir
Mario Braggiotto, Pianist
The Boston Symphonette
The Men of Song, Male Quartet
Louis Untermeyer, Poet and Lecturer
The Clair Tree Major Players
Sidney Harth, Violinist
Wilbur Evans, Baritone
The Hedgerow Players
Louise Bannerman, Harpist
The Vienna Choir
Ruth Daye, Xylophonist

NEW HOUSING RATES

Effective - June 1, 1952

The Board of Teacher College Presidents at their regular meeting on March 21, 1952 voted to increase the housing fees because of increased costs. The Board of Trustees for the fourteen Teachers Colleges confirmed this increase and the Superintendent of Public Instruction approved the action on May 28, 1952. All conditions other than housing rates and student activity fee as published in the catalogue remain unchanged.

NEW RATES

Cost per week - \$12.00 (\$9.00 for board; \$2.00 for room; \$1.00 for laundry)
Rates for transient meals: Breakfast \$.50
Lunch \$.75; Dinner \$1.00
Housing fee per half semester \$108.00
Per College year \$432.00

STUDENT ACTIVITY FEE

The students voted their own Activity Fee increase from \$28.00 per year to \$40.00 per year beginning September 1952.

Other fees remain as given in the regular catalogue. The total cost for the year is increased from \$478.00 to \$562.00.

STATE TEACHERS COLLEGE
SHIPPENSBURG, PA.

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WALK IN FRONT OF STEWART HALL
"CAMPUS VIEW"