

EZRA LEHMAN MEMORIAL LIBRARY
STATE TEACHERS COLLEGE
SHIPPENSBURG, PA.

The
**TEACHERS COLLEGE
HERALD**



Catalog Number

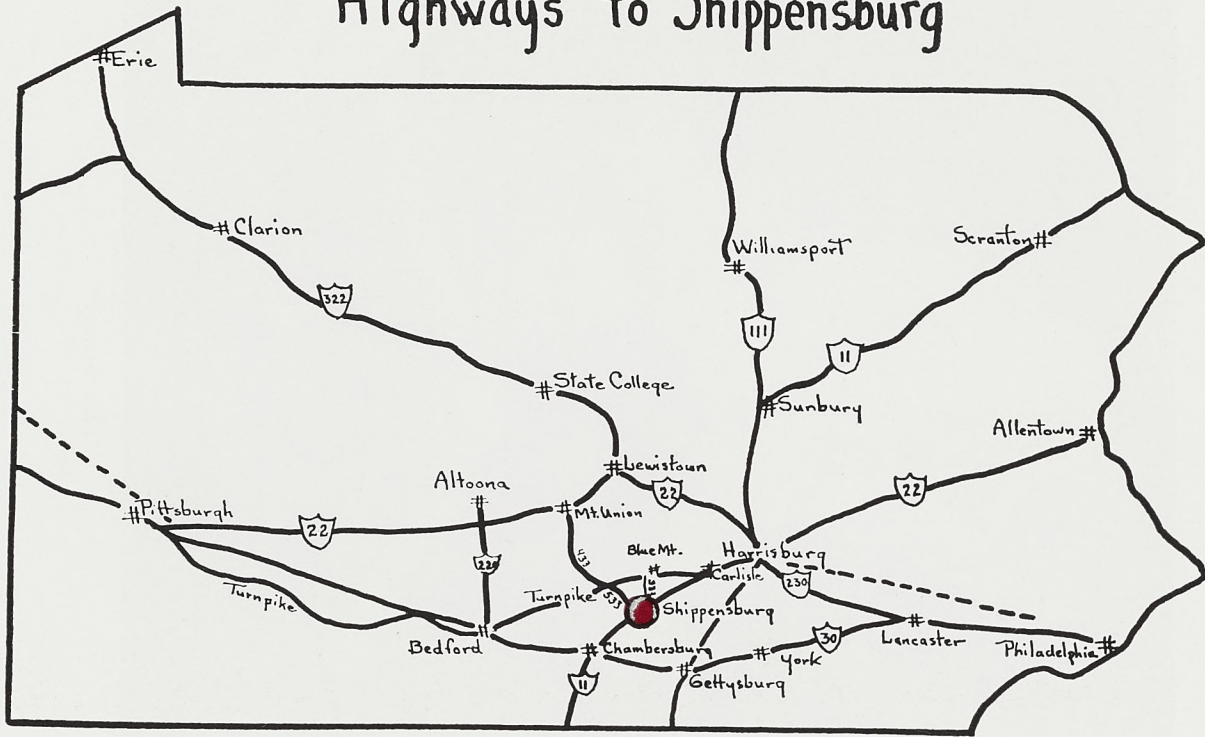
1956-1957

THE STATE TEACHERS COLLEGE
SHIPPENSBURG, PENNSYLVANIA



"The Tower"

Highways to Shippensburg



The Teachers College Herald

VOLUME 60

MARCH 1956

NUMBER 3

CATALOG NUMBER 1956 - 1957

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 60 MARCH 1928 NUMBER 3

CATALOG NUMBER

1928 - 1927

The Teachers College Herald is published quarterly.

**Entered as second class mail matter at the Post Office at
Shippensburg, Pennsylvania, under Act of August 24, 1912**

THIS HERALD IS A MEMBER OF THE NATIONAL ASSOCIATION OF COLLEGE AND UNIVERSITY HERALDS FOR THE PROMOTION OF COLLEGE AND UNIVERSITY HERALDS AND THE NATIONAL ASSOCIATION OF COLLEGE AND UNIVERSITY HERALDS. IT IS THE HERALD OF THE STATE TEACHERS COLLEGE, SHIPPENSBURG, PENNSYLVANIA.

THE STATE TEACHERS COLLEGE

Shippensburg, Pennsylvania

COLLEGE CALENDAR

1956 - 1957

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 close of classes,	November 20
Thanksgiving Recess Ends at 8:00 a.m.	November 26
Christmas Recess Begins at close of classes	December 15
Christmas Recess Ends at 8:00 a.m.	January 3
First Semester Ends at close of classes	January 23

SECOND SEMESTER

Registration	January 28
Classes Begin at 8:00 a.m.	January 29
Easter Recess Begins at close of classes	April 16
Easter Recess Ends at 8:00 a.m.	April 23
Alumni Day	May 25
Baccalaureate Services	May 26
Commencement	May 27

BOARDS OF CONTROL

COMMONWEALTH OF PENNSYLVANIA

Department of Public Instruction

RALPH SWAN, Deputy Superintendent, Acting as Superintendent of Public Instruction

DORR CROSLY, Deputy Superintendent

CARL SEIFERT, Deputy Superintendent

STATE COUNCIL OF EDUCATION

President and Chief Executive Officer, RALPH SWAN

Secretary, CARL SEIFERT

PAUL R. ANDERSON	Pittsburgh
ROBERT M. CARSON	Greensburg
CATHLEEN CHAMPLIN	Philadelphia
W. FLOYD CLINGER	Warren
JAMES H. DUCKREY	Cheyney
EUGENE S. FARLEY	Wilkes-Barre
J. COLLINS McSPARRAN	Harrisburg
BESS D. MEEHAN	Brush Valley
A. BARBARA WEATHERLY	Elkins Park

BOARD OF TRUSTEES

RALPH SWAN, Ex-Officio	Harrisburg
RAYMOND G. MOWREY, President	Chambersburg
EARLE H. SCHAEFFER, Vice-President	Camp Hill
JOHN W. LACKHOVE, Secretary	Shippensburg
GEORGE BRISBIN	Hollidaysburg
SIMPSON DAUGHERTY	Carlisle
PAUL LEHMAN	Lewistown
FRANK MASLAND	Carlisle
CARL A. NAUGLE	Shippensburg
GRACE H. SPONSELLER	R. D., Chambersburg

THE FACULTY**1956 - 1957****HARRY L. KRINER**

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

RALPH E. HEIGES

Dean of Instruction
A.B., Ursinus College
A.M., Ph.D., Columbia University

VIRGINIA LONG

Dean of Women
B.S., State Teachers College, Lock Haven
M.Ed., Pennsylvania State University

VINTON RAMBO

Dean of Men, Physical Education
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

HOWARD D. AUSTIN

Chairman, Elementary Education Department
B.A., St. Bonaventure University
M.Ed., Alfred University
Ed.D., Pennsylvania State University

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

CHARLES F. BELLOWS

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

WILLIAM E. BEYERS

Director Student Teaching and Placement
B.S., State Teachers College, Indiana
M.A., Columbia University, Ed.D., University of Pittsburgh

FAY BITTNER

Training Teacher, Campus School
B.S., State Teachers College, Lock Haven
M.Ed., Pennsylvania State University

BERNARD HOGG

Social Studies Department
B.S., State Teachers College, Slippery Rock
M.A., University of Pittsburgh
Ph.D., University of Chicago

IRENE ILLINGWORTH

Training Teacher, Campus School
B.S., M.Ed., Pennsylvania State University

DILYS JONES

Elementary Education
B.A., Bucknell University
M.A., University of Pennsylvania

GEORGE KALUGER

Education and Psychology
B.S., State Teachers College, Slippery Rock
M.Ed., Ph.D., University of Pittsburgh

GERTRUDE KAUFFMAN

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

NORMAN E. KING

Business Education
B.S., M.Ed., University of Pittsburgh

GERMAINE KLAUS

Chairman, Language Department
A.B., Dickinson College
A.M., University of Chicago

HELEN KRAISS

Physical Education
B.S., Temple University
M.S., Pennsylvania State University

HAROLD O. KRAMER

Business Education
B.S., Susquehanna University
M.A., New York University

LOUISE J. LIENEMANN

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

MABEL LINDNER

English and Speech
B.A., Seton Hill College
M.A., Middlebury College

HELEN S. McALEER

Public School Nursing
R.N., St. Joseph's Hospital
B.S., M.Ed., University of Pittsburgh

NANCY HARPER McCREARY

English
A.B., Smith College
A.M., Radcliffe College

ROSE BOWER

Assistant Librarian
B.S., State Teachers College, Lock Haven
B.S., Library Science, Columbia University
A.M., Bucknell University

PAUL CAUFFMAN

Chairman, Mathematics Department
B.S., State Teachers College, Shippensburg
M.A., Lehigh University
Ed.D., Temple University

CAROLYN V. COX

Speech and Dramatics
B.S. Northwestern University
M.Ed., Ed.D., Pennsylvania State University

THOMAS CRIST

Physical Education, Athletic Coach
B.S., William and Mary College
A.M., Southern Methodist University

ROY DIBERT

Physics and Physical Science
B. S., Franklin and Marshall College
A.M., Columbia University
M.S., Pennsylvania State University

CHESTER S. EASTEP

Principal Campus School
Assistant Director of Student Teaching
B.S., State Teachers College, Lock Haven
M.Ed., Ed.D., Pennsylvania State University.

MYRA ESH

Training Teacher, Campus School
B.S., University of Pittsburgh
M.Ed., Pennsylvania State University

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 University

CLARENCE GLESSNER

Director, Audio-Visual Education
B.S., State Teachers College, Shippensburg
M.Ed., Pennsylvania State University

LLOYD A. HANAWALT

English
A.B., Juniata College
M.A., Pennsylvania State University

ESTHER HENDERSON

Chairman, Health Education Department
B.S., Miami University
M.A., Teachers College, Columbia University

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 University

JAMES MYERS

Social Studies
A.B., Waynesburg College
M.A., Ph.D., University of Pittsburgh

BENJAMIN S. NISPEN

Social Studies
B.S., State Teachers College, Shippensburg
Ed.M., Duke University

GEORGE W. REISINGER

Chairman, English Department
B.S., State Teachers College, Shippensburg
M.A., Western Maryland College

JOHN M. RODDICK

Physical Science, Athletic Coach
B.S., State Teachers College, Shippensburg
M.S., Bucknell University

ERMA K. ROLAR

Social Studies
A.B., Pennsylvania State University
A.M., Teachers College, Columbia University

ETTA C. SKENE

Chairman, Business Education Department
B.S., Southwest Missouri State 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

Chairman, Science Department
B.S., Virginia Polytechnic Institute
A.M., Ph.D., Cornell University

EDWIN H. SPONSELLER

Education
B.S., State Teachers College, Shippensburg
B.D., M.A., Ph.D., Yale University

ROBERT W. SURPLUS

Music
B.S., Susquehanna University
M.A., Columbia University

ELVIN L. VALENTINE

Chairman, Social Studies Department
A.B., DePauw University
A.M., Ph.D., University of Wisconsin

JAMES C. WEAVER

Chairman, Music Department
B.S., Temple University
A.M., New York University

RICHARD R. WHIPPO

Mathematics and Science
B.S., State Teachers College, Shippensburg
M.Ed., Pennsylvania State University

RICHARD A. WINN

Business Education
B.S., State Teachers College, Shippensburg
M.Ed., Pennsylvania State University

GEORGE WINSOR

Geography
B.E., State Teachers College, Whitewater, Wisconsin
Ph.M., University of Wisconsin

ALMA M. WINTON

Librarian
A.B., Allegheny College
B.S., in Library Science, Columbia University
M.Ed., Pennsylvania State University

LABORATORY SCHOOL

IRENE ILLINGWORTH, M.Ed.	First Grade
FAY BITTNER, M.Ed.	Second Grade
THELMA E. SMALL, A.M.	Third Grade
ADELE H. MITCHELL, M.Ed.	Fourth Grade
MARY ELIZABETH FOGELSANGER, M.Ed.	Fifth Grade
MYRA C. ESH, M.Ed.	Sixth Grade
CHESTER S. EASTEP, Ed.D.	Principal

ADMINISTRATIVE OFFICERS

HARRY L. KRINER, Ed.D.	President of the College
VIRGINIA GOODHART	Secretary to the President
RALPH E. HEIGES, Ph.D.	Dean of Instruction
HELEN RINE	Secretary to Dean of Instruction
MARTHA B. SHULL	Registrar
VIRGINIA LONG, M.Ed.	Dean of Women
VINTON RAMBO, A.M.	Dean of Men
WILLIAM BEYERS, Ed.D.	Director of Student Teaching
DORIS ANN BAUMGARDNER	Secretary to Director of Student Teaching

JOHN HARGLEROAD, M.D., Temple University	Physician
JEAN PETERSON, R.N.	Nurse
HIRAM GILL	Accountant
BEULAH A. BOWEN	Bookkeeper
GERTIE FOGELSANGER	Account Clerk
MARIE Y. LICHTY	Account Clerk
EDNA MOUER	Steno-Clerk
ANNA COMMERER	Clerk in Retail Store
ATHA ZIMMERMAN	Clerk in Retail Store
R. BRUCE CLIPPINGER	Receiving Clerk

- HARRY M. ESHELMAN Supt. of Grounds and Buildings
 Harvey Allen, Clarence L. Chamberlin, George W. Clough, G. Arthur Commerer, Amos J. Devor, Charles B. Durff, James S. Foltz, Harold T. Funston, Hiram D. Highlands, C. C. Hoover, R. J. Hutchison, Raymond C. Hutchison, Calvin R. Kirkpatrick, Walter Klenzing, K. Eugene Koontz, W. Ebbert Love, Robert B. Marloe, Earl Pugh, Blake W. Schaeffer, George W. Shindle-decker, Jerry Thomas, John B. Tritt, Elmer B. Van Seyoc
- CHARLES W. HECKMAN Watchman
 BENJAMIN F. KUNKLEMAN Watchman
 PAUL F. METZ Watchman
 WILLIAM S. WEIBLEY Watchman
- SARA McCULLOCH Matron, "Old Main"
 Assistants—Lula M. Plasterer, Veda P. Lindsay
- MILDRED ALLEN Matron, "Men's Dormitory"
 Assistants—Berneda L. Jones, Helen Martin, Napmi S. Rebok, Sarah K. Kline
- DOROTHY PLASTERER Matron, Horton Hall
 Assistants—Lena Funston, Ethel M. Frey, S. Catherine Bigler, Pearl Holtry.
- LOTTIE McCLELLAN Dietitian
 Helen Becker, Florence Cramer, Mary L. Cressler, William Cru-sey, Anna Culbertson, Ida A. Doyle, Marie F. Eberly, Carrie A. Fortna, Verne C. Gettel, Annabelle E. Horton, Lillian M. Landis, Hazel M. Mixell, Nellie E. Mixell, Mae Reback, Elizabeth Shearer, Nora E. Sleichter, Olive C. Stake, Jane Tarner, Lois E. Wiser, John L. Wolfe
- NELL K. STRIKE Superintendent of Laundry
 Assistants—Donald W. Alleman, Lena Clough, Violet N. Clough, Nellie M. Craig, Grace D. Keeseman, Violet Keeseman, Mildred L. Martin, Nina L. Miller, Mary O'Donnell, Louise Piper, Mary M. Runshaw, Luella M. Weller.
- ANNA WALTERS Cafeteria Manager
 Staff—Esther Reese, Bessie Naugle.

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, and this college 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 314 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 northwest edge of Shippensburg, which is a town of approximately seven thousand people, situated in the beautiful Cumberland Valley, 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 curriculums 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, 1907-1913; Ezra Lehman 1913-31; Albert L. Rowland, 1932-45; Levi Gilbert, 1945-48; Harry L. Kriner, 1948—

Campus

The campus consists of eighty acres with two fully equipped athletic fields, Eckles 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 thirteen all brick buildings on the campus are arranged in a curving line on the crest of a hill, sloping gently to the southeast and around a quadrangle in the center of the campus.

Buildings

OLD MAIN, located in the front center and highest part of the campus, is the oldest building 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, Post Office, quarters for commuting students, several supply rooms, Dining Hall and Kitchen. The second floor contains the offices of the President, Dean of Instruction, Director of Student Teaching and Placement, 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 sixteen additional rooms for students on the first floor, and two indoor fire proof stairways which replace the old outside fire escapes.

ROWLAND HALL, built in 1939 is located on the east campus, and 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 Principal, a medical and dental office, a library, art room and service rooms are located in this building.

ALUMNI GYMNASIUM was built in 1937 and is located north of Horton Hall with its main entrance facing the quadrangle from the west and openings to Heiges Athletic Field on the ground floor. It has a large gymnasium floor, 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 class room are located on the main floor while on the second floor are located a physics laboratory, an elementary chemical laboratory, an advance chemistry laboratory with a balance room, and a classroom. Each laboratory has a supply room and an instructor's room.

The EZRA LEHMAN MEMORIAL LIBRARY was built in 1931 and is located on the northeast campus. This beautiful building is extremely well-planned for excellent library service. A very modern and complete visual education laboratory is located on the ground floor.

THE MEMORIAL AUDITORIUM was completed in 1951. This is a very modern building with a large stage; amphitheatre 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 facing the quadrangle.

STEWART HALL, located east of "Old Main," was built in 1893 and was used for 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 southwest of Horton Hall. In 1946 it was reconditioned for the Business Education Department.

THE HEATING PLANT was built in 1952 replacing the old one built in 1898. This new beautiful modern plant uses hard coal and is equipped with smoke and automatic controls.

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 and is located on the northern edge of the campus west of the tennis courts. This building contains the laundry, paint shop, carpenter shop, plumbing 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 southwest corner of the campus.

Library

The library is modern and exceptionally well equipped. It contains a collection of over 38,000 books arranged on convenient stacks. The magazine racks carry over 250 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 field 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.

Audio-Visual Aids

The Audio-Visual Education Department, which includes the Audio-Visual Aids Library and the Audio-Visual Education Laboratory and Projection Room, is located on the North Ground Floor of the College Library. More than 1500 audio-visual aids for use in public schools, campus classes, and student teaching are circulated by the Audio-Visual Aids

Library. This library is a depository for aids listed in Bulletin 208, Department of Public Instruction. All classes in Audio-Visual Education meet in the Audio-Visual Education Laboratory, also used as a projection room for college classes. This Laboratory also maintains a display of more than 1300 teaching aids, such as exhibits, models, mock-ups, dioramas, specimens, and objects.

Laboratory Schools

The college uses its own campus Laboratory School as well as the public schools at Shippensburg, Chambersburg, Carlisle, Waynesboro, Camp Hill, 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 Professional Practicum is integrated with student teaching. School visitations and observations are extremely important in implementing the work given in college classes.

Social Program

Shippensburg is a co-educational college. The enrollment of men has been half the total student body. Professional and social activities of many kinds are carried on throughout the year consisting of assemblies, 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 and Insurance

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 X-rays. A registered nurse is in full time attendance at the college infirmary where two wards, one for women and one for men, as well as private isolation rooms are maintained. The college physician is on 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.



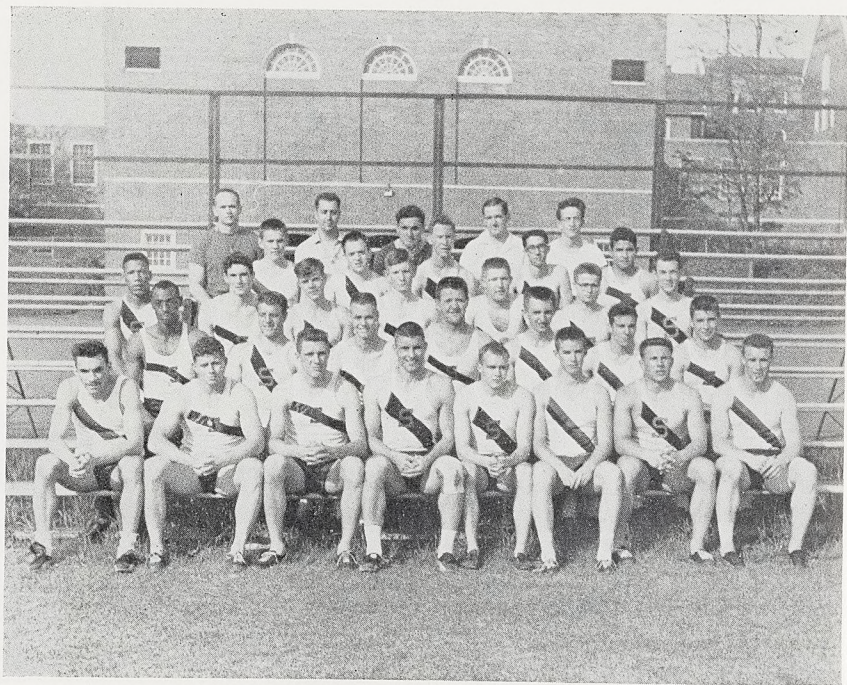
Memorial Auditorium



Alumni Gymnasium



Football Squad



Track Squad

This voluntary, non-profit plan, sponsored by the hospitals, is a way to assure yourself, and if married your family the best hospital care when you need it without worry, debt, or loss of savings.

Shippensburg offers two plans of student insurance which cover the student from the first day of school until the close of school in the spring.

1. Accident Reimbursement—Reimbursement will be made up to \$500 for each accident. It makes no difference whether the accident occurs at college, at home or while traveling or participating in sports. Expenses include X-rays, hospital bills, nurses', physicians' and surgeons' fees, laboratory costs, medicines, and, in fact any medical expense incurred as a result of an accident.
2. Accident and Sickness Reimbursement—Reimbursement will be made for actual medical expenses, not to exceed \$500 for each illness.

The Student Insurance Plans supplement the College Health Program by protecting the student from the expense of the more costly illnesses and injuries requiring hospital care, surgical treatment, x-ray examinations or consultants' services. Rates and detailed information can be secured through the College Business Office.

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 imitation by children who may be placed under their instruction. Since teachers must first be able to discipline themselves, it is the aim of the college to consistently cultivate right habits of self-discipline on the part of its students.

Religious Life

Shippensburg provides 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 area, the following are found: Catholic, Church of the Breth-

ren, Church of God, Episcopal, Evangelical United Brethren, Lutheran, Methodist, Nazarene, Presbyterian, Reformed and United Brethren.

Summer Session

In the summer, two three-week and one six-week sessions are conducted to meet the various needs of different groups of students:

1. Teachers who wish to increase the scope of their teaching certificate or complete work for a degree.
2. Students who find it advantageous to continue their education throughout the year, thus graduating at an earlier date.
3. Students who desire to make up certain deficiencies.

During these sessions a wide variety of courses are offered in business, elementary, secondary, and nursing education. A special descriptive bulletin will be sent upon request.

College Living Accommodations

Students at Shippensburg State Teachers College live in dormitories, in their own homes, or in approved residences. The dormitory rooms have single beds furnished with pillows, sheets, pillow slips, and one blanket. Students should furnish a study lamp, extra blankets, towels, wash cloths, and soap. Many students provide window curtains, dresser scarf, bed spread, and small throw rugs. Radios are permitted if operated with due consideration for others. Other electric appliances are not permitted in the rooms.

A list of available town rentals will be provided students upon application so they may locate a room of their own choice.

Students who live in town residences may make arrangements to eat in the college dining hall and those who do so may also send their laundry to the college laundry.

Laundry Facilities

Limited laundry service is provided to boarding students for personal laundry only. Laundry numbers will be assigned at the college laundry and are provided at a very nominal charge. Laundry bags may be purchased at the Retail Store. Special facilities are provided in pressing rooms for students who wish to do extra washing and pressing.

Wearing Apparel

Students do not need expensive or elaborate wardrobes but should be governed in their choice by practicality and simplicity.

For women the following is suggested: Several changes of informal sports clothing for class and campus wear; several blouses and skirts; a dress appropriate for Sunday wear; a long dress for social functions; a pair of sturdy shoes with low heels; one pair of dress shoes, overshoes, coat sweater or sports jacket, soft soled bedroom slippers, housecoat, swimming suit, and gym shoes.

For men the following is suggested: Two suits, one for everyday wear and the other for dress; at least six shirts; a top coat; a rain coat of some type; slacks, sweaters, and jackets; a bathrobe; one pair of dress shoes and one pair of sturdy school shoes; bedroom slippers; and a pair of gym shoes.

Social Rooms

Lounges are provided on each floor of Horton Hall and on the third floor of the men's dormitory for Boarding students. A lounge is provided for day women in the west end of the Main Building first floor, and the east end for day men. Stewart Hall, the recreation center, is open daily and students should see the Handbook for recreational facilities available there.

Post Office

The post office is on the first floor of Old Main. Combination boxes are assigned to each boarding student upon arrival at college. Mail is delivered and collected three times daily.

Telephone Service

Coin booths are available in both dormitories and on the first floor of the Main Building. Students are to use these phones in placing and receiving calls. The Men's Dormitory phone number is 9444-W and that in the Women's Dormitory 9443.

Emergency calls may be placed through the Registrar between 8 a.m. and 4 p.m. and through the Dean of Men or Dean of Women after those hours.

Keys

Each student purchases a room key or locker lock for \$1.00. This is refunded when the key or lock is returned. Possession of keys for other college locks is sufficient evidence for disciplinary action.

Notice of Withdrawal

Students leaving the college must notify the President of their withdrawal. Regular charges will be made until such notice is received.

THE PURPOSE OF THE COLLEGE

This college is a co-educational, professional school for the preparation of teachers. The completion of any one of its five curriculums leads to a Bachelor of Science degree in Education and to certification for teaching in the public schools of Pennsylvania. The college believes that the curriculums also afford a general and liberal preparation for complete living, and that such professional training is an effective preparation for parenthood and for constructive citizenship. We believe, further, that the teaching profession provides a most significant social service, as upon the efficiency of the public school and upon the intelligence and devotion of its teachers depend in large measure the hope and destiny of the nation.

We believe that our students can reach a high level of self-realization and professional efficiency through self discipline, intellectual achievement, and social, moral, and spiritual growth. We also believe that the nature of the educational process is growth and guided development of the individual. Believing in these things, therefore, we are striving to develop the individual student to the greatest possible extent within his capacities, so that he can live successfully, demonstrate personal integrity, and make his contribution to society. We also strive to use the democratic process in the administration of the college and in the relations among administrators, faculty, and students, as its use is considered essential to the student's daily thinking and living.

To that end, the administration and the faculty of this college are working together to demonstrate these tenets through the following objectives:

1. To maintain a cooperative faculty continuously growing in professional interest and ability.
2. To recruit and admit, in so far as possible, the more desirable graduates from approved high schools.
3. To evaluate the curriculums continuously in view of adaptation to specific current needs.
4. To foster sound learning, broad cultural background and ethical professional knowledge, attitudes, and techniques.
5. To provide a program of curricular experiences through which the student will develop academic, social and personal growth.

6. To maintain an effective cooperative organization for the fluid articulation between college classes and practices within the training schools, so that students may clearly recognize the application of professional knowledge.
7. To give the students practical experience in the democratic processes of group planning in executing activities of common interest.
8. To encourage students to recognize the value of worthy family relationships and of the services to be rendered by teachers in a community.
9. To provide opportunities for the student to acquire both the knowledge of and the appreciation for the **WORK OF THE TEACHER.**

The college aims to attain its objectives through the processes outlined in a set of policies adopted by the faculty. Committees have the responsibility of making these policies meaningful or revising them in keeping with the needs of the college.

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-six 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. The Council administers the student activities of the college and is allocated its share of the money available for this purpose. The Council elects a student vice-president, a secretary and a treasurer. Checks against the activity fund must be signed by the President of the college and the Treasurer of the Council.

This body controls and directs the student activities of the college under the authority of the Student Cooperative Association. The Council is responsible for the operation of the cafeteria and of the retail store, both under the sponsorship of the business manager. The profits return to the student activity fund. 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 behavior problems which arise from time to time

MUSIC

The Mixed Chorus is the largest choral group on the campus. The purpose of this group is the enjoyment of participating in singing with others, becoming acquainted with the basic rudiments of choral techniques and program building. College and community services are emphasized. To become a member of this organization a student shall have sight reading ability and a pleasant quality of voice.

Smaller groups chosen on the basis of sight reading ability and voice blending include the Choraleers group of twenty-four mixed voices; the Girl's Trio; the Girl's Sextette and the Collegiate Four, a Male Quartette.

When a member of any one of the organizations graduates a replacement is chosen only after voice, sight reading skill and tonal blending ability have been tested. These smaller groups have filled college and community engagements; and they participate in the two annual choral concerts, one during the Christmas season, and the other as a joint band and choral concert in the spring.

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 to the band 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 assembly 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.

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 intramural.

The intramural 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, 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. Intercollegiate competition for women is provided in hockey, basketball, and archery.

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, and for other events.

The Athletic Council

The Athletic Council consists of the President of the College as chairman, the athletic adviser as secretary, Dean of Instruction, coaches of athletics for women, coaches of athletics for men, the business manager, and the president of the two athletic associations. The council determines the athletic policy of the college, directs the budgeting of finances for the support of athletics, approves proposed intercollegiate contracts, promotes interest in and attendance at athletic contests by students and the community, and exercises such other powers and duties as may be necessary.

DRAMATICS

The Masquers is an organization for students who are interested in play production. Members are given an opportunity to act, to direct (under the supervision of the sponsor), to experiment with make-up and to work on the staging of plays. The organization meets once each week at which time a one-act play is presented or some form of dramatics activity is planned. Each semester one major production is presented in Memorial Auditorium. Any member may try out for a role in these plays. This organization has fine quarters in Memorial Auditorium where a large workroom is its exclusive bailiwick.

STUDENT PUBLICATIONS

Campus Reflector

The college magazine is published bi-monthly during the college year. Its purpose is multifold: it aims to provide experience 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 related to 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 regular college yearbook financed by the Student Cooperative Association and edited and published by the senior class. It presents by word and picture the annual story of the activities of the college. All registered, full-time students receive a copy of the "Cumberland".

The Handbook

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

The Hilltop News

The "Hilltop News" is a mimeographed news-sheet, published approximately seven times a semester. The chief aim of the paper is to report campus news, write announcements of forthcoming events and recording of student activities. The paper also serves as a means of disseminating information released from the administrative offices. The "Hilltop News" is student managed, edited, and published, thereby giving the staff experience in scholastic journalism.

CLUBS

Archery Club

This is an organization sponsored by the W.A.A. but includes 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. Shippenburg 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 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, and to sponsor social activities. Students in business education visit large retail establishments, high schools, various types of offices, museums, and the like.

Regular programs featuring speakers, films, demonstrations and social activities are sponsored. The social program consists of 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, and 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.

International Relations Club

This club is open to all students interested in studying and discussing international affairs. It is associated with similar clubs throughout the United States and abroad which are sponsored nationally by the Foreign Policy Association. In addition to weekly meetings, club members annually attend a state conference, a Model United Nations Assembly and other intercollegiate meetings.

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 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.

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 subject, mathematical recreations, and other activities of a

mathematical nature. The club is open to all students interested in mathematics.

Alpha Phi Omega

The Lambda Lambda chapter of Alpha Phi Omega was installed on May 16, 1954. Alpha Phi Omega is a national service fraternity composed of college men who are or have been previously affiliated with the Boy Scouts. Their purpose is to render service to the campus, the community, and the nation.

Kappa Delta Pi

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

Phi Sigma Pi

This is a national honor fraternity introduced at Shipensburg in 1931. Membership may be gained by men 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 membership 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.

Tau Kappa

Tau Kappa is an organization on campus whose purposes are to continue the high standards of physical efficiency, to uphold good sportsmanship, to stimulate and maintain interest in athletic events, and to give recognition to those who have earned their letters and pins. Membership in this organization is attained by accumulating 1150 points as set forth by the Women's Athletic Association. One becomes a pledge after acquiring 1100 points. Initiation takes place in the spring of the school year.

Pi Omega Pi

The Beta Lambda Chapter of Pi Omega Pi, a national honorary 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, the completion of fifteen semester hours in commerce and education, and a superior scholastic rating.

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 by use of films in the field of science and industry. The club is open to all students in the College.

Aquatic Club

This club is for men and women students who wish advanced instruction in swimming. The club sponsors sport days, demonstrations, and recreational meets. Courses in senior life-saving are given and certificates awarded.

Varsity Club

Men who have won a varsity award in intercollegiate sports at Shippensburg are eligible for membership in this organization. The purpose of the club is to promote amateur intercollegiate athletics on this campus, and create public interest in the athletic program of this college.

The club provides campus services during the college year including the publishing of programs and providing a refreshment stand at football games.

Veterans Club

This is an organization made up of men and women who have served in the Armed Forces. They interpret veterans regulations, local and National, as they affect the membership.

This group is self-supporting, not drawing any funds from the Student Activity Association. Each year they set up a campus project, buying the first television set on the campus in 1953 which was given to the student body, and erecting a drinking fountain in 1954.

FEES, DEPOSITS, REPAYMENTS

The account for each student is payable in advance on the dates listed in this catalogue. The late registration fee will apply against each student who registers after the regular registration date. To be admitted to classes, the dining hall, or any college activity, the student shall present a registration card which can be secured only at the time accounts are paid. Students shall not be admitted to classes, activities, or the dining hall when payments on account have not been made in advance.

The schedule of fees is subject to change as authorized by the Board of Trustees and approved by the Superintendent of Public Instruction.

A. FEES

I. Student Activity Fee:

A fee to be determined by each institution will be collected from all students and administered under regulations approved by the Board of Trustees through a cooperative organization. This fee will cover the cost of student activities in athletics, lectures, entertainments, student publications, et cetera; provided, that students taking extension courses or regular session student taking less than seven semester hours, may secure the benefits of the Activities Program by the payment of the Student Activity Fee.

The Activity Fee of \$40 per year is payable in advance, or \$10 per half semester, and is not refundable. Make check for this fee payable to The State Teachers College. Checks to pay other accounts mentioned hereafter shall be made payable to the Commonwealth of Pennsylvania.

II. Contingent Fee:

1. Semester of Eighteen Weeks.

- (a) A contingent fee for each student in each curriculum is charged as follows per semester:

	Regular	Special	Total
Elementary Curriculum	\$45.00	(none)	\$45.00
Secondary Curriculum	45.00	(none)	45.00
Business Education	45.00	\$12.00	57.00

This fee covers registration and keeping of records of students, library, student welfare, health service (other than extra nurse and quarantine) and laboratory facilities.

- (b) Students taking five or fewer semester hours shall pay at the rate of \$9.00 per semester hour. Students taking more than five semester hours shall pay the regular contingent fees; contingent fees for special curriculums shall be prorated on the basis of an eighteen semester hour load.
- (c) Students taking extension courses shall pay at the rate of \$9.00 per semester hour, provided that the regular fees for special curriculums shall be prorated on the basis of an eighteen semester hour load.
- (d) The president of the college may, at his discretion, authorize payments for not less than one month in advance by worthy students.

2. Summer Session of Six Weeks.

- (a) \$9.00 per semester hour.
A minimum contingent fee of \$27.00 will be charged.
- (b) Contingent Fees—Special Curriculums.
In addition to the above fees, students in the special curriculums will be required to pay a fee to cover the cost of materials, supplies, equipment, and special services used in the laboratories, shops or studios of the special curriculums.

Business Education \$4.00
- (c) Students enrolled for periods of instruction differing from the schedule shall pay fees on a pro rata basis of the schedule of fees provided for the six weeks summer session.

III. Housing Fee:

1. Housing rate for students shall be \$126.00 per one-half semester and \$84.00 for the six weeks summer session. This includes room, meals, and limited laundry. The rates for less than full housing service shall be: Meals — \$9.00 a week; Room and Laundry — \$5.00.
2. Students arranging for housing services for periods of time differing from those set forth in the foregoing regulations shall pay fees on a pro rata basis.

3. Housing rates for employes other than those included in the State Classification Schedule (faculty, clerks, etc.) shall be \$15.00 per week.
4. The rate for transient meals shall be: Breakfast \$.50; Lunch \$.75; Dinner \$1.00; room per night \$.50. 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.
5. All arrangements for housing services other than those here set forth shall be subject to the action of the Board of Trustees as reviewed by the Fees Committee of the Board of Presidents and approved by the Superintendent of Public Instruction.
6. The president of the college may, at his discretion, authorize payment for not less than one month in advance by worthy students.

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. Fees for Out-of-State Students:

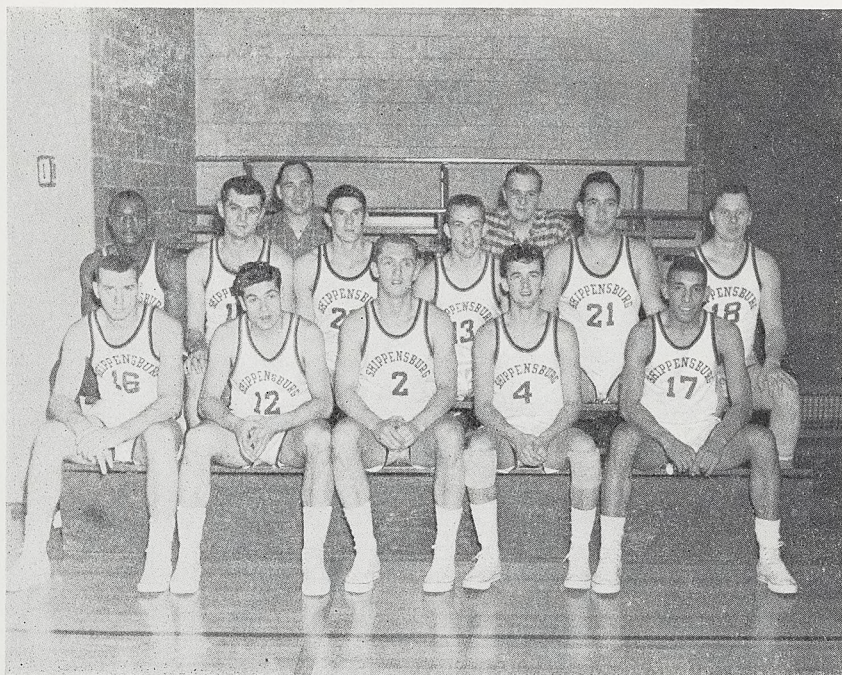
Students whose legal residence is out of the State of Pennsylvania shall be charged at the rate of \$9.00 per semester hour. They shall also pay the special fees as found in Item II, 1-a if enrolled in Business Education. (Out-of-State students do not pay the contingent fee.)

VII. Degree Fee:

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



The Fountain In Winter



Basketball Team



The Choraliers



The Cheerleaders

VIII. Record Transcript Fee:

One dollar (\$1.00) is charged for the second and each subsequent transcript of record. This fee is waived when transcripts are to be used in connection with induction, enlistment, or advancement with the armed forces.

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.

XI. Out-of-State Student Fee:

Students whose legal residence is out of the State of Pennsylvania shall be charged at the rate of \$9.00 per semester hour. (Subject to change.)

XII. Private Instruction Fees:

1. Rental of piano for practice, one period per day, \$6.00 per semester. Rental of band or orchestra instrument, \$6.00 per semester. (For Summer Session the charge is one-third of above rates.)
2. The charge for private lessons in music in the State Teachers College not maintaining the special music curriculum shall be fixed as follows: The Board of Trustees of a State Teachers College not offering the special curriculum in music, may, subject to the approval of the Superintendent of Public Instruction, enter into contract with individuals to give private lessons in music in order to afford an opportunity for students to continue their musical education. Such agreement shall provide reasonable reimbursement to the institution for any service or overhead supplied by the institution.

B. DEPOSITS

I. Advance Registration Deposit:

A deposit of \$10.00 shall be made by all students when they request registration. This is a guarantee of the intention of the student to enter college for the term or semester designated. It is deposited to the credit of the student's activity fee. If, however, the student notifies the

college at least three weeks before the opening of college that he is unable to enter, or if the student is rejected by the college, repayment of this deposit will be made on application from the student through the college authorities.

II. Room Reservations:

A room will be reserved if space is available when the application is accepted.

C. NO OTHER FEES OR DEPOSITS PERMITTED

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

D. REPAYMENT

Students, who voluntarily withdraw from the college, should notify the Dean of Instruction of their intention to discontinue their studies.

I. Repayments are not made:

1. To students who are temporarily suspended, indefinitely suspended, dismissed, or who voluntarily withdraw from college.
2. For any part of the advanced registration deposit for any cause whatsoever except where students can give notice of intention to withdraw at least three weeks before the college opens or when the student is rejected by the college.

II.

A repayment may be made for personal illness, the same being certified to by an attending physician, or for such other reasons as may be 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 the student does not spend in college.

III.

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

SUMMARY OF COSTS

	Boarding Student		Day Student	
	Half Sem.	Year	Half Sem.	Year
*Contingent Fee	\$ 22.50	\$ 90.00	\$ 22.50	\$ 90.00
Activity Fee	10.00	40.00	10.00	40.00
Board, Room, Laundry	126.00	504.00		
Total	\$158.50	\$634.00	\$ 32.50	\$130.00
Business Education (Extra)	\$6.00	\$24.00	\$6.00	\$24.00

In addition to this sum the average student requires for books, gymnasium costume, supplies, 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 \$130.00. 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 ACADEMIC YEAR 1956-1957

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

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

Jan. 28—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.

Payment by Check

If payment is made by check, make it payable to "State Teachers College" for the Advance Deposit and for the Activity Fee. All other fees when paid by check should be payable to "Commonwealth of Pennsylvania." Send or give both checks to the Business Manager, State Teachers College, Shippensburg, Pa.

*Non-residents of Pennsylvania will pay \$9.00 per semester hour instead of the above contingent fee. The above costs are for the academic year of nine months and are payable quarterly. Students attending the Summer Sessions pay \$9.00 per semester hour for courses pursued and \$14.00 per week for board, room and laundry.

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. This prize was awarded on Commencement Day, 1955 to June M. Hoke of York, Pennsylvania.

Public Speaking Prize

The class of 1916 offers a yearly prize of five dollars for excellence in public speaking. The prize for 1955 was awarded to Jean Baker, Carlisle, Pennsylvania.

George L. Brown Scholarships

By the will of the late George L. Brown, an alumnus of this institution, the sum of \$15,000 was placed in trust, the interest of which is available for scholarships. This provides each year several \$100 scholarships to deserving young men and women. Preference shall be 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.

Sico Scholarships

High School Seniors who expect to become teachers in the elementary schools of Pennsylvania and who live in Cumberland or Dauphin County are eligible for this scholarship. The Sico Company of Mount Joy, Pa., sets aside its profits for education in those areas where their product is sold. The scholarship is worth \$300 for each of the four years in college.

Those who are interested in this scholarship should consult their Principal, or Guidance Director for details and secure an application blank. The scholarships are competitive and are awarded on the basis of scholarship and need. Usually there are three scholarships for Cumberland County and four scholarships for Dauphin County.

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 upperclassmen 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. Those positions are confined to work in the kitchen, dining rooms, 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 Elementary Education. Students who are interested and who qualify for this loan should apply through the College President. Students who wish to teach in a rural school will receive consideration.

BPW Student Loan Fund

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 woman 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.

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 loan has been limited to one hundred dollars per semester, although more can be secured, the exact amount 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 over \$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 Class of 1904 originated the fund at graduation and added to it at their fiftieth 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.

In Memory of John and Sarah Nesbit Early—Gift of Anna E. Early.

Ezra Lehman Scholarship Fund—Class of 1896.

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.

General Electric Education Fund, 1955 given through a member of 1937 class.

SCHOLASTIC REGULATIONS

REQUIREMENTS FOR ADMISSION

The following general admission requirements were adopted by the Board of State Teachers College Presidents November 20, 1953:

1. General scholarship as evidenced by graduation from an approved secondary school or equivalent preparation as determined by the Credentials Evaluation Division of the Pennsylvania Department of Public Instruction. College authorities will make an appraisal of the student's detailed secondary school record in order to determine his capacity to do satisfactory college work. In some cases the college should seek further evidence from the results of a reliable aptitude test such as the American Council on Education Psychological Examinations. (On this test, for example, many students falling below the 25th percentile appear to have difficulty in achieving academic success in college.)
2. Satisfactory character and personality traits as well as proper attitudes and interests as determined by the high school principal, guidance director or other school official acquainted with the student.
3. Health and physical condition as evidenced by a health examination by the student's family physician reported on the adopted form and approved by the college physician. No student shall be admitted who has, in the opinion of the college, disabilities which would impair his service as a teacher.
4. Recommendations of two or more college staff members following a personal interview of the applicant.
5. For admission to special curricula the college may require the candidate to take an appropriate aptitude test in the special field in order to obtain further evidence of ability to succeed in the student's chosen field.

ADMISSION TO SHIPPENSBURG

To be admitted to the Freshman Class at the State Teachers College, Shippensburg, an applicant shall take the following steps:

1. Secure from the college a set of application blanks, two of which shall be filled out in detail by the applicant, one to be completed by the principal of the high school from which the applicant has graduated, and one for the family physician to complete.

2. Have the completed application forms sent to the Registrar as early as possible. The ten dollar (\$10.00) advance reservation fee should accompany the application blank.

3. Arrange with the Dean of Instruction for an appointment at the college with the interview committee. These should be completed at an early date.

4. **IMPORTANT.** If the high school grades have placed the applicant in the lower half of the graduating class it is necessary for the applicant to appear at the college on one of the following dates for placement tests:

Saturday, November 19

Saturday, March 3

Tuesday, April 3

Thursday, May 3

Tests begin at 9:00 a.m. and will be given in the "Old Main" Auditorium.

TESTING PROGRAM

The following testing program has been adopted by the Board of State Teachers College Presidents:

1. To assist in the counselling of students the college shall require each freshman to take a recognized aptitude test such as the American Council on Education Psychological Examination and a test on Communications such as the Co-operative English Test published by the Educational Testing Service.

2. In order to determine the student's achievement for further guidance the college may administer to all sophomore students the Cooperative Tests in English, Contemporary Affairs and General Culture published by the Educational Testing Service. A careful study of each individual student by selected faculty members near the close of the sophomore year is also recommended.

3. In order to measure the academic success of the student as well as the effectiveness of the instructional program of the college, the college may administer, at the request and expense of the student, a recognized terminal test.

ADVANCED STANDINGS

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 curriculums are admitted to junior standing for a degree, provided they are graduates of an approved four-year high school. The exact number of credit hours 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 may lose some credit.

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.

ACADEMIC PROGRESS

To assist each student, a progress report is secured by the Dean of Instruction each mid-semester and at other times when the teacher hands to the administration office a record of the students not doing satisfactory work. A report is made to teach student and, when necessary, to the parents. 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.

Student Load

The normal student load is 16 semester hours of credit each semester. No student may carry a program in excess of 18 hours without special permission from the Dean or the Dean's Advisory Committee. A "B" average in the preceding semester is the usual requirement for carrying a heavier course load.

Students who are on academic probation, who have health problems, or who are carrying a heavy program of work outside of college, may be required to carry less than a normal load of classes.

Classification of Students

Students are classified according to the number of semester hours completed as follows: 0-29 semester hours, freshman; 30-59 semester hours, sophomore; 60-89 semester hours, junior; 90 or more semester hours, seniors.

Marking and Point System

A five-point marking system (A,B,C,D,F) is used to indicate the quality of academic work. "A" indicates that originality has been in evidence in attaining the objectives of the course in a superior manner; "B" indicates that the objectives of the course have been met in an above average manner, but that there has been little evidence of originality; "C" indicates that the assigned work has been done satisfactorily; "D" indicates that the work has been below average but is passing; "F" indicates that the objectives of the course have not been met. An incomplete (Inc.) is recorded for a course when a student has failed to complete written work, laboratory work, or has been absent from the final examination due to circumstances beyond his control. Such incomplete work should be completed at the earliest possible date, but in all cases the requirements must be completed by the ninth week of the next semester of registration. An incomplete which is not removed within the prescribed period becomes an "F".

The academic average of each student is determined by assigning numerical values to the letter marks and weighing according to the number of class hours. The values assigned are: "A", 3 points; "B", 2 points; "C", 1 point; "D", 0 points. The grade-point ratio is computed by multiplying the hours of credit in a course by the points assigned to the grade earned in that course, totaling the credit hours and points for all courses completed, and dividing the total number of points by the total number of credit hours completed.

Standards of Work Required

Students are expected to make satisfactory progress toward graduation. Such progress is indicated when the student maintains cumulative grade-point ratios equal to or above the minimums shown below:

Freshmen, end of first semester	.50	(-8 quality points)
Freshmen, end of second semester	.60	(-13 quality points)
Sophomore, end of first semester	.75	(-12 quality points)
Sophomore, end of second semester	.85	(-10 quality points)
Junior, end of first semester	.90	(-8 quality points)
Junior, end of second semester	.95	(-6 quality points)
Senior, both semesters	1.00	(Quality points and credits equal)

Probationary Status

When a student's grade-point ratio falls below the required minimum, serious consideration is given to the student's future status. Such students will receive sympathetic suggestions from the respective faculty members so that they may be better able to decide whether they should request the privilege of continuing their work with probationary status. Students desiring to continue on probation should submit written requests, with substantiating reasons, to the Dean. Such requests may be considered by the Dean or the Dean's Advisory Committee.

Students who receive permission to continue on probation, will, at the Dean's discretion, be permitted to register for no more than 12 semester hours of advanced work. In addition, such students will, if they so desire, be permitted to re-take courses in which they have received below average marks. At the completion of such "re-take courses" the mark received will be substituted for the previous mark in determining quality points. Students on probation who fail to show the necessary improvement may be requested to withdraw from the college.

Student Teaching

Student teaching is a most essential part of teacher preparation and at Shippensburg covers a full time assignment for one semester. Learning proper professional attitudes, legal requirements, pupil records, extra-class activities, community contacts as well as classroom techniques are necessary parts of this experience.

All assignments for student teaching are made with the approval of the Dean of Instruction and the Director of Student Teaching. Before assignments are made, students shall meet the following requirements:

1. Shall have a grade-point ratio of at least .95.
2. Shall have completed at least 90 semester hours toward graduation.
3. Shall have completed at least one semester at Shippensburg.
4. Secondary students shall have completed at least 18 semester hours in their major and at least 12 semester hours in one minor; Business students shall have completed all but one of the courses in the major and minor field; and both shall have at least a "C" average in such courses.
5. Shall possess health, personal characteristics, and professional attitudes considered essential for successful teaching.
6. Shall have completed the pre-requisite courses in Education.

Credit may not be given for teaching experience.

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. Credit of at least 128 semester hours in the respective curriculum.
3. A grade-point ratio of at least 1.00 on all work taken at Shippensburg.
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.
7. Usually the last course work toward graduation shall be taken on the campus at Shippensburg.
8. Approval of the faculty.

Eligibility for Office and Extra-Curricular Public Performances

In order to be eligible to hold office in any extra-curricular group or for participation in extra-curricular public performances, a student who is on probation shall have permission from the Dean or the Dean's Advisory Committee for such participation.

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 interest 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.

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 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 cer-

tificate 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 the elementary field, may be extended to include teaching in the secondary field by having completed 12 semester hours of professional work 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.

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 elementary grades; at least six of the credits must be in elementary student teaching.

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 field in which the holder is certificated to teach.

Residents of Pennsylvania who graduate from this college are required to teach at least two years in the Commonwealth.

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.

Seniors are 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.

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; business education for teaching business subjects in high school; and education for Public School Nurses and Dental Hygienists. 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

The new curriculums hold 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.

The 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.

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 colleges, but with the fields of study within a given college, undergraduates are advised to explore during the junior and senior year 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 college 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

(Sequence of courses subject to change for administrative reasons)

	<i>Cl.</i>	<i>Sem.</i>		<i>Cl.</i>	<i>Sem.</i>
	<i>Hrs.</i>	<i>Hrs.</i>		<i>Hrs.</i>	<i>Hrs.</i>
<i>First Semester</i>			<i>Second Semester</i>		
English I	3	3	English II	3	3
Speech I	2	2	Speech II	2	2
or Communication I (5-5)			or Communication II (5-5)		
Professional Orientation	3	3	**Introduction to Art	3	2
Basic Biology	4	3	Basic Physical Science	4	3
Health	2	2	*Physical Education I	2	1
World Geography	3	3	Geog. of U.S. & Penna.	3	3
	17	16	**Introduction to Music	3	2
				20	16
<i>Third Semester</i>			<i>Fourth Semester</i>		
Literature I	2	2	Literature II	2	2
History of Civilization I	3	3	History of Civilization II	3	3
or World Culture I (5-5)			or World Culture II (5-5)		
Music for the Elem. Grades	2	2	Tchg. of Music in El. Gr.	4	3
Art for the Elem. Grades	2	2	Tchg. of Art in El. Gr.	4	3
*Physical Education II	2	1	*Physical Education III	2	1
Science for the Elem. Grades	3	3	Audio-Visual Education	3	2
Electives	3	3	Electives	2	2
	17	16		20	16
<i>Fifth Semester</i>			<i>Sixth Semester</i>		
History of the U.S. & Pa. I	3	3	History of the U.S. & Pa. II	3	3
General Psychology	3	3	Child Development	3	3
Teaching of Reading	3	3	Teaching of Arithmetic	3	3
Teaching of Language	3	3	Teaching of Elem. Science	3	3
Children's Literature	3	3	Tchg. of Soc. Stud. & Geog.	3	3
Teaching of Health	3	2	or Social Living in the Elem.		
Electives	0	0	Gr. (9-9)		
	18	17	Electives	3	3
				18	18
<i>Seventh Semester</i>			<i>Eighth Semester</i>		
American Government	3	3	Student Teaching and Direction		
Introduction to Philosophy	3	3	of Student Activities	30	12
or American Citizenship (6-6)			Professional Practicum including		
Educational Psychology and			School Law	2	2
Evaluative Techniques	3	3			
Electives	6	6		32	14
	15	15	GRAND TOTAL	128	

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

**All or any part of these courses may be scheduled as a part of the unit in World Culture and the corresponding semester hours added to World Culture.

A student may be given the privilege of taking an examination in any subject matter area in which he registers 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.

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 high school or a junior-senior high school.

	Cl. Hrs.	Sem. Hrs.
Child Adjustment	3	3
Child Psychology	3	3
Creative Art	3	3
Creative Activities in the Elementary School ..	3	3
Diagnostic and Remedial Reading	3	3
Educational Measurements	3	3
Pre School Education	3	3
Problems of Elementary School Art	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 certified 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 an advanced degree 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

(Sequence of courses subject to change for administrative reasons)

		<i>Cl.</i>	<i>Sem.</i>			<i>Hrs.</i>	<i>Hrs.</i>
		<i>Hrs.</i>	<i>Hrs.</i>			<i>Cl.</i>	<i>Sem.</i>
<i>First Semester</i>				<i>Second Semester</i>			
English I	3	3	English II	3	3		
Speech I	2	2	Speech II	2	2		
or Communication I (5-5)			or Communication II (5-5)				
Basic Biology	4	3	Basic Physical Science	4	3		
Health	2	2	*Physical Education I	2	1		
World Geography	3	3	Professional Orientation	3	3		
ELECTIVES	2	2	Fundamentals of Mathematics	3	3		
	16	15	ELECTIVES	2	2		
				19	17		
<i>Third Semester</i>				<i>Fourth Semester</i>			
Literature I	2	2	Literature II	2	2		
History of Civilization I	3	3	History of Civilization II	3	3		
or World Culture I (5-5)			or World Culture II (5-5)				
**Introduction to Art	3	2	**Introduction to Music	3	2		
*Physical Education II	2	1	*Physical Education III	2	1		
***Science in Modern Civ.	3	3	ELECTIVES	9	9		
ELECTIVES	6	6		19	17		
	19	17					
<i>Fifth Semester</i>				<i>Sixth Semester</i>			
History of the U.S. & Pa. I	3	3	History of the U.S. & Pa. II	3	3		
General Psychology	3	3	Educational Psychology and				
Audio-Visual Education	3	2	Evaluative Techniques	3	3		
ELECTIVES	8	8	Problems of Secondary Ed.				
	17	16	including Guidance	3	3		
			ELECTIVES	7	7		
				16	16		
<i>Seventh Semester</i>				<i>Eighth Semester</i>			
American Government	3	3	Student Teaching and Direction				
Introduction to Philosophy.....	3	3	of Student Activities	30	12		
of American Citizenship (6-6)			Professional Practicum				
ELECTIVES	10	10	including School Law	2	2		
	16	16		32	14		
			GRAND TOTAL				

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

**All or any part of these courses may be scheduled as part of the unit in World ...Culture. If combined, the semester hours devoted to World Culture will be correspondingly increased.

***Science in Modern Civilization is not required when the first field of specialization is any science.

A student may be given the privilege of taking an examination in any subject matter area in which he registers 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

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 or Science in Modern Civilization.

	<i>Cl.</i>	<i>Sem.</i>
	<i>Hrs.</i>	<i>Hrs.</i>
(Required)		
Botany I	6	4
Botany II	6	4
Zoology I	6	4
Zoology II	6	4
*Teaching Science in Secondary Schools	3	3

(Electives)

(At least one 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 35 S.H.;
Second field 18 S.H.)

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

(Required)		
Inorganic Chemistry I	6	4
Inorganic Chemistry II	6	4
Physics I	6	4
Physics II	6	4
Qualitative Analysis I	7	3
Quantitative Analysis II	7	3
*Teaching Science in Secondary Schools	3	3
(Electives)		
Organic Chemistry I	6	4
Organic Chemistry II	5	3
Physical Chemistry	5	3
Industrial Chemistry	5	3

ENGLISH

(First field 35 S.H.;
Second field 18 S.H.)

	<i>Cl.</i>	<i>Sem.</i>
	<i>Hrs.</i>	<i>Hrs.</i>
English I	3	3
Speech I	2	2
or Communication I((5-5)	3	3
English II	3	3
Speech II	2	2
or Communication II (5-5)	2	2
Literature I	2	2
Literature II	2	2
*Teaching English in Secondary Schools	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
American Poetry	3	3
American Prose	3	3
Children's Literature	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

FRENCH

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

(Required)		
French I	3	3
French II	3	3
French III	3	3
French IV	3	3
(Electives)		
French V—Survey of Literature	3	3
French VI—Survey of Literature	3	3
French VII—Advanced Language and Techniques	3	3
French VIII—French Classical Drama	3	3
French IX—French Literature of the 19th Century	3	3
French X—Development of the French Novel	3	3

GENERAL FIELD OF SCIENCE

(First field only 38 S.H.)

Students demonstrating competence to specialize in General Science will not be required to take Basic Biology, Basic Physical Science or Science in Modern Civilization.

	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>
(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 Secondary Schools	3	3

GENERAL SPEECH

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

	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>
(Required)		
Speech I	2	2
Speech II	2	2
Phonetics and Voice	3	3
Oral Interpretation	3	3
Play Production	3	3
*Teaching Speech in Secondary Schools	2	2
(Electives)		
Stagecraft, Scenic Design and Lighting	3	3
Debate, Group Discussion and Parliamentary Procedure	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 Improvement	3	3
Speech Problems	3	3

GEOGRAPHY

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

	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>
(Required)		
World Geography	3	3
*Teaching Geography in Secondary Schools	3	3
(Restricted Electives)		
At least one course 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. Economic:		
Economic Geography	3	3
Commercial Air Trans- portation	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 Penna.	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

HISTORY

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

	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>
(Required)		
History of Civilization I ...	3	3
History of Civilization II ...	3	3
History of United States and Pennsylvania I	3	3
History of United States and Pennsylvania II	3	3
*Teaching Social Studies in Secondary Schools	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
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

MATHEMATICS

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

Students demonstrating competence to specialize in Mathematics will not be required to take Fundamentals of Mathematics.

	<i>Cl.</i>	<i>Sem.</i>
(Required)	<i>Hrs.</i>	<i>Hrs.</i>
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
Differential Equations	3	3

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 or Science in Modern Civilization.

(Required)		
Inorganic Chemistry I	6	4
Inorganic Chemistry II	6	4
Physics I	6	4
Physics II	6	4
*Teaching Science in Secondary Schools	3	3

(Electives)

To be selected from Chemistry, Earth Science, or Physics.

In order to meet the minimum certification in Physical Science, selected as a second field, the student will be required to complete Chemistry eight semester hours, Physics eight semester hours, and one additional course in either Chemistry or Physics.

PHYSICS

(First field 35 S.H.;
Second field 18 S.H.)

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

	<i>Cl.</i>	<i>Sem.</i>
(Required)	<i>Hrs.</i>	<i>Hrs.</i>
Physics I	6	4
Physics II	6	4
Inorganic Chemistry I	6	4
Inorganic Chemistry II	6	4
*Teaching Science in Secondary Schools	3	3
(Electives)		
Magnetism and Electricity	6	4
Mechanics	6	4
Heat	6	4
Electronics	5	3
Atomic Physics	5	3
Optics	5	3
Sound	5	3
Physical Measurements	Variable	

SPANISH

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

(Required)		
Elementary Spanish II and IV	6	6
Intermediate Spanish I and II	6	6
Introduction to Spanish Literature	3	3
Spanish Conversation	3	3
(Electives)		
Advanced Spanish Con- versation	3	3
Commercial Spanish	4	4
Spanish-American Literature	6	6
Contemporary Spanish Drama	6	6

SOCIAL SCIENCE

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

	<i>Cl.</i> <i>Hrs.</i>	<i>Sem.</i> <i>Hrs.</i>
(Required)		
History of Civilization I	3	3
History of Civilization II	3	3
History of United States and Pennsylvania I	3	3
History of United States and Pennsylvania II	3	3
American Government	3	3
Principles of Economics	3	3
Principles of Sociology	3	3
*Teaching of Social Studies in Secondary Schools	3	3
(Electives)		
Contemporary Social Problems	3	3
Contemporary Economic Problems	3	3
Consumer Education	3	3
Municipal Government	3	3
Comparative Government	3	3
Industrial Relations	3	3
International Relations 1919 to Present	3	3
United State Constitutional History and Law	3	3
World Economic Problems	3	3

SOCIAL STUDIES

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

(Required)		
History of Civilization I	3	3
History of Civilization II	3	3
History of United States and Pennsylvania I	3	3
History of United States and Pennsylvania II	3	3
American Government	3	3
Principles of Economics	3	3
Principles of Sociology	3	3
*Teaching Social Studies in Secondary Schools	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 Problems	3	3
Contemporary Economic Problems	3	3
Municipal Government	3	3
Comparative Government	3	3
Consumer Education	3	3
Industrial Relations	3	3

*Required when this is the first field
of specialization.

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 are graduated 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: Combined, Secretarial, Retail Selling, and Accounting. The combined 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 sequences. In addition to the sequence elected, certification to teach business law, business arithmetic, economics, clerical practice and office machines, 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, hectograph—dictating and transcribing units, and other up-to-date office appliances enable the student to obtain both a theoretical knowledge 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 exceeds 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. The main outcome of the curriculum is qualified teachers of business subjects, but various concomitant learnings emerge during this period of preparation.

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.

CURRICULUM IN BUSINESS EDUCATION

(Sequence of courses subject to change for administrative reasons)

BASIC FIRST YEAR

<i>First Semester</i>	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Cl. Hrs.</i>	<i>Sem. Hrs.</i>
English I	3	3	English II	3	3
Speech I	2	2	Speech II	2	2
or Communication I (5-5)			or Communication II (5-5)		
Introduction to Art	3	2	Introduction to Music	3	2
Basic Biology	4	3	Basic Physical Science	4	3
Health	2	2	Physical Education I	2	1
Business Mathematics I	3	3	Accounting I	4	3
Economic Geography	3	3	Professional Orientation	3	3
	<u>20</u>	<u>18</u>		<u>21</u>	<u>17</u>

<i>Third Semester</i>	<i>Combined Sequence</i>		<i>Stenog. Sequence</i>		<i>Acct. Sequence</i>		<i>Retail Sell. Sequence</i>	
History of Civilization I	3	3	3	3	3	3	3	3
Literature I	2	2	2	2	2	2	2	2
or World Culture I (5-5)								
Sales and 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
ELECTIVES	—	—	3	3	—	—	3	3
	<u>22</u>	<u>17</u>	<u>21</u>	<u>17</u>	<u>18</u>	<u>14</u>	<u>21</u>	<u>17</u>

Fourth Semester

Economics I	3	3	3	3	3	3	3	3	3
Literature II	2	2	2	2	2	2	2	2	2
or World Culture II (3-5)									
General Psychology	3	3	3	3	3	3	3	3	3
Shorthand II	4	3	4	3	—	—	—	—	—
Typewriting II	4	2	4	2	4	2	4	2	4
Accounting III	3	3	—	—	3	3	—	—	—
Physical Education III	2	1	2	1	2	1	2	1	2
Retail Selling II (Advertising)	—	—	—	—	—	—	3	3	3
ELECTIVES	—	—	3	3	3	3	3	3	3
	21	17	21	17	20	17	20	17	

Fifth Semester

Educational Psychology and Evaluative Tech.	3	3	3	3	3	3	3	3	3
Shorthand III	4	3	4	3	—	—	—	—	—
Typewriting III	4	2	4	2	—	—	—	—	—
Accounting IV	3	3	—	—	3	3	—	—	—
Business Law I	3	3	3	3	3	3	3	3	3
Problems of Business Education	3	3	3	3	3	3	3	3	3
Retail Selling III (Marketing)	—	—	3	3	4	4	4	4	4
ELECTIVES	—	—	—	—	—	—	—	—	—
			20	17	16	16	16	16	16

Sixth Semester

Business Correspondence	3	2	3	2	3	2	3	2	3
Secretarial Practice	5	2	5	2	—	—	—	—	—
Business Law II	3	3	3	3	3	3	3	3	3
Economics II	3	3	3	3	3	3	3	3	3
Audio-Visual Education	3	2	3	2	3	2	3	2	3
Methods of Teaching Business Education	3	3	3	3	3	3	3	3	3
Retail Selling IV (Retail Store Management)	—	—	—	—	—	—	3	3	3
ELECTIVES	—	—	—	—	2	2	—	—	—
	19	15	19	15	16	15	16	15	

Seventh Semester

Business Organization	2	2	2	2	2	2	2	2	2
Business Mathematics II	2	2	2	2	2	2	2	2	2
Clerical Practice & Office Machines	5	3	5	3	5	3	5	3	5
Accounting V	—	—	—	—	3	3	—	—	—
American Government	3	3	3	3	3	3	3	3	3
History of the United States & Pennsylvania	3	3	3	3	3	3	3	3	3
	15	13	15	13	18	16	15	13	

Eighth Semester

Student Teaching and Direction of Student Activities	30	12	30	12	30	12	30	12	
Professional Practicum including School Law	2	2	2	2	2	2	2	2	2
	32	14	32	14	32	14	32	14	

A student may be given the privilege of taking an examination in any subject matter area in which he registers 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.

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 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:

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. World Geography	3	
b. Geography of the United States and Canada	3	
(4) World Culture I	5	
or Literature I	(2-2)	
and History of Civilization I	(3-3)	
World Culture II	5	
or Literature II	(2-2)	
and History of Civilization 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

C. Electives	6
GRAND TOTAL	45

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 ARTS

ART

Introduction to Art

A course dealing with art as a vital part of contemporary living. Art of other ages will be given some consideration as a basis for interpreting the present. Students will be encouraged to experiment with material in order to understand the creative process. Through a variety of experiences an attempt will be made to help students develop an awareness of and a sensitiveness to all forms of art.

2 semester hours

Non-Credit Art

A non-credit course in art skills, designed to prepare students who have had limited or no art experience for entrance into Elementary Art courses. Required of all students whose art background appears to be insufficient for them to pursue the professional courses with profit.

2 class periods per week. No credit

Art for the Elementary Grades

Practice in freehand drawing and composition in various mediums; a study of the principles of design and color, with application to creative problems.

2 semester hours

Teaching Art in the Elementary Grades

Development of problems suitable for the elementary grades; illustration, creative design, bookbinding, clay modeling and soap carving, posters, lettering, potato and linoleum block printing, and construction in paper, cardboard, cloth, scrap and other materials. Emphasis is placed upon the integration of art education with other school subjects.

3 semester hours

Problems of Elementary School Art

This course is designed to develop a basic understanding of the implications of art as an integral part of general education, and to provide opportunity to develop a complete program of art in a school situation. It is intended to aid the elementary school teacher to provide better instruction in art.

3 semester hours

Creative Art

This course is designed to develop an understanding of art as creative expression and as it functions in the modern curriculum. A background of philosophical, factual and technical material necessary for stimulating children to self-expression is acquired through planning and participation in integrated units of the activity. 3 semester hours

MUSIC

Introduction to Music

This course provides an orientation in music experience which aims to equip the prospective teacher with a knowledge and understanding of music as it relates to general education and the art of daily living. Through the use of recordings, radio, concerts, and other media, every possible contact is made with music. The possibility of correlation with other subjects is explored. This course is required of all sophomores in general education. No prerequisite courses or special abilities are required. 2 semester hours

Non-Credit Music

A non-credit course in music skills, designed to prepare students who have had limited or no music experience for entrance into Elementary Music courses. Required of all students whose music background appears to be insufficient for them to pursue the professional courses with profit. 2 class periods per week. No credit

Music for the Elementary Grades

Designed to prepare the teacher in grades one to three to teach her own music under supervision. It includes the study of suitable rote songs, acquaintance with reading material, and oral and written ear training. The best practical methods are discussed and used in presenting the material. 2 semester hours

Teaching Music in the Elementary Grades

An advanced course stressing more than ordinarily difficult and interested work especially the singing of two-and three-part music; designed to prepare and assist the teacher in grades four to six in teaching her own music under supervision. Prerequisite: Music for the Elementary Grades 3 semester hours

BUSINESS EDUCATION CURRICULUM**Required Business Courses for All
Business Education Students****Business Mathematics I**

Review of fundamental arithmetical processes; reconstruction and extension of computational skills; application of arithmetic to accounting; improvement of quantitative reasoning. 3 semester hours

Business Mathematics II

Practical and social application of arithmetic skills in problem-solving as related to credit and installment buying, selling, investments and savings, insurance, analysis of financial statements, interpretation of statistical data. 2 semester hours

Typewriting I

Presentation and mastery of the keyboard and operating parts of the typewriter; stroking techniques and control emphasized; personal and simple business letters, centering, tabulation introduced. 2 semester hours

Typewriting II

Further development of stroking speed and control; diagnostic and remedial instruction emphasized; production of mailable letters, manuscripts, multicopy work, business forms; teaching techniques considered. 2 semester hours

Accounting I, Elementary

Bookkeeping and accounting for the proprietorship; the bookkeeping cycle; special journals and special ledgers; accrued and deferred items; business papers; personal record-keeping. 3 semester hours

Business Organization and Finance

Historical background of our modern business system; responsibilities of capital and labor to society; basic tools of management; the productive process; marketing; finance; competition and risk; business and government relations. 2 semester hours

Clerical Practice and Office Machines

Fundamentals of operating the dictaphone and memobelt dictation and transcription machines; key driven and rotary calculators; adding and listing machines; mimeograph, and hectograph duplicating machines; filing systems; office procedures; business papers. 3 semester hours

Business Law I

The nature and classification of the law; courts and court procedure; contracts; agency; negotiable instruments; case studies. 3 semester hours

Business Law II

Law of business organizations; personal property; security relations; real property; trade regulations. 3 semester hours

Sales and Retail Selling

Store operation and management; techniques of selling; sales promotion; retail sales training programs, secondary and adult; current trends in retailing. 3 semester hours

Business Correspondence

Review of essentials of grammar; study of the vocabulary of business; setup of business forms and modern business letters; emphasis on the "you" attitude in the writing of letters of inquiry, response, order, adjustment and letters of application; sales letters; preparation of data sheets. 2 semester hours

Problems of Business Education

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; trends in business education. 3 semester hours

Methods of Teaching Business Education

Psychological foundations of teaching; methods of teaching general business subjects; basic skill-building procedures; methods of teaching shorthand, typewriting, and bookkeeping; demonstration teaching; lesson planning. 3 semester hours

COURSES REQUIRED IN THE ACCOUNTING SEQUENCE

Accounting II

Further development of the accounting cycle; registers, petty cash, supplementary records, the voucher system; partnership formation, operation and simple dissolution; corporation characteristics, formation, accounts and records, handling of surplus, stocks and bonds; departmentalization, branch and elementary manufacturing procedure. 3 semester hours

Accounting III

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

Accounting IV

Modern methods of cost-finding, specific order costs, process costs, standard and estimate costs; accounting for joint products, by-products; evolution and interpretation of cost-finding methods and cost accounting systems.

3 semester hours

Accounting V

Various forms of current and long-term liabilities and related accounting procedures; accounting principles and procedures pertaining to reserves and allowances; comparative financial statements; thorough analysis of financial statements, including ratios and trends, and the statement of application of funds.

3 semester hours

COURSES REQUIRED IN THE STENOGRAPHIC SEQUENCE

Shorthand I

Principles of Gregg Shorthand Simplified completed; development of reading and writing skills; dictation at 60 to 70 words per minute; teaching techniques. 3 semester hours

Shorthand II

Further development of reading skills; fluency of writing and correctness of outlines emphasized; dictation at intermediate speeds, 70 to 90 words per minute; development of blackboard writing techniques; transcription introduced; teaching techniques stressed.

3 semester hours

Shorthand III (Transcription)

Advanced speed building; sustained dictation at 90 to 120 words per minute on letters, editorials, educational articles, court and congressional matter; transcription skills emphasized. 3 semester hours

Typewriting III (Applications)

Development of job production techniques; vocational competency emphasized in typing cards, letters, envelopes, multiple carbon work, manuscript and literary materials, billing, tabulation, legal forms; stencils and hectograph masters; transcription introduced. 2 semester hours

Secretarial Practice

Theory and practice in common stenographic and secretarial activities; dictation of materials from various types of offices; advanced treatment of business problems, office etiquette; part-time work in school offices. 2 semester hours

**COURSES REQUIRED IN THE
RETAIL SELLING SEQUENCE*****Retail Selling II (Advertising)**

The aim is to acquaint the student with the social and economic aspects of advertising. Favorable and unfavorable features are studied; consumer reaction, copy appeal, advertising layout, media and advertising art are considered. 3 semester hours

Retail Selling III (Marketing)

A study of the problems of marketing, especially from the point of view of the consumer is made; topics include sources of supply, trade channels, production and distribution problems, public relations, sales promotion and wholesale merchandising. 3 semester hours

Retail Selling IV (Retail Store Management)

Emphasis is on the small business through a study of retail store management; organization and maintenance; personnel selection and training; problems in store location; business policies; sales and advertising promotion; pricing and expense control and credit are considered. 3 semester hours

Office Management (Elective)

Fundamental principles and successful practices used in getting office work accomplished. 3 semester hours

BUSINESS EDUCATION ELECTIVES

	Cl.	Cr.
Money and Banking	2	2
Meeting Community Needs	3	2
Labor Problems	2	2
Office Management	3	3
Economic History of U. S.	3	3

EDUCATION**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. Directed observation of various schools and learning situations will be required. 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

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

Audio-Visual Education

A study of audio-visual and other sensory methods and techniques as they reveal the means of creating real, meaningful experiences gained through pupil participation. Students learn to operate audio-visual equipment, learn to make a variety of audio-visual aids, and learn to use teaching aids in the classroom. Volunteer opportunities for additional learning and practice in the sensory learning field are available. 2 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

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

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. 2 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

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

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

Teaching the Exceptional Child

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

Public School Organization

This course will study the development of the organization, supervision, and administration of the public schools in the United States. 2 semester hours

ELEMENTARY EDUCATION

Teaching of Reading

Scientific aspects of reading in the elementary grades. Examination of research in reading, careful study of theory and methods as applied to the modern program, observations in the Laboratory School, recognition of problems of reading, and examination of materials of instruction. 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 Children's Literature

An introduction to important children's books, old and new, and 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

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 Social Studies and Geography

A survey of methods and techniques, stressing the profitable use of community resources, the development of healthy civic attitudes, and such specific problems as the grade placement of materials, testing, and procedures for creating sustained interest.

3 semester hours

Teaching of Arithmetic

Study of the history and development of our number system. Application of principles of teaching and learning to experience in numbers with balance of emphasis on social

and mathematical phases. Introduction to sequential order of arithmetic recommended for each grade level. Adapt to teaching-learning situations the instructional materials of arithmetic including visual and manipulative devices.

3 semester hours

Child Development

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

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

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

Early Childhood Education

The characteristic physical growth, learnings, and influences of environment will be considered for children of early school years. The contributions of the home and the kindergarten as pre-school experiences will be studied. Chief emphasis will center about the education of the child during the first three years of school. Readings, discussions and observations will constitute the work of the course. 3 semester hours

Pre-School Education

A study of the pre-school and kindergarten age-level, of the history, theory and practices of the nursery school and kindergartens, and of appropriate materials and equipment will compose the work of the course through readings, discussions, and observations. 3 semester hours

ENGLISH—SPEECH

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. Construction of a research paper. Continued functional practice in mechanics. Prerequisite: 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

Literature I

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 from the earliest times to mid-seventeenth century. 2 semester hours

Literature II

Continuation of Literature I with emphasis upon the literary masterpieces of the last four centuries. 2 semester hours

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, and (2) wider reading and more intelligent appreciation. 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

Modern Drama

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

Advanced Composition

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

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

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

Victorian Literature

Victorian culture is studied through its interpretation by poets and essayists of the period, with particular reference to the writings of Carlyle, Ruskin, Newman, Browning, and Tennyson. 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 form the basis of this course through practical participation in journalistic activities. 3 semester hours

Pre-Shakespearean Literature

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

The Essay

The history and the 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

American Poetry

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

The Novel to 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 of cultivating student appreciation of this dominant literary form. 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

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

Teaching of English in Secondary Schools

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

Oral Interpretation

Emphasizes understanding and appreciation of literature through development of skill in reading aloud. Aid is given in selecting, adapting, and preparing types of literature for oral presentation. Special attention is given to reading materials required of the classroom teacher. 3 semester hours

Phonetics and Voice

This course includes the study of the speech mechanism, phonetic symbols, analysis of speech sounds, causes and treatment of voice disorders, and methods of improving voice and diction. The work will be geared to the needs of teachers both inside and outside the classroom. 3 semester hours

Play Production

An introductory course in the theory and practice of the various phases of play production designed to meet the needs of the teacher who may be called upon to direct school dramatics. There will be special emphasis on learning by doing in the areas of acting and directing and make-up. 3 semester hours

Radio I

Utilizes a school radio workshop emphasizing script writing, production and operation. The course deals with radio as a resource for the classroom teacher in oral interpretation and diction, using live programs, transcriptions and recordings. 3 semester hours

Speech Problems

This course is planned with a view to enabling the prospective teacher to recognize speech disorders commonly encountered in the classroom, to help those pupils whose speech problems are of a functional nature to improve their speech, and to help the severely speech-handicapped pupil to live gracefully with his problem so long as it continues. 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

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

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 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 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

Climatology and Meteorology

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 analyzes the laws and underlying principles of atmospheric changes. 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

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

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

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

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, the Geography of United States and Pennsylvania.

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.

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 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

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 aspects of problems concerning world peace. Prerequisite: World Geography.

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

Teaching Geography in Secondary Schools

A survey of available materials and current curriculums 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 textbooks and courses contributing to these objectives. 3 semester hours

Economic Geography (Business Education Curriculum)

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

Commercial and Industrial Geography

An interpretative survey of the effects in the United States, of geographic conditions upon industrial production and commerce, of developments of commercial areas, and of availability of resources to markets, in relation to other regions of the world.

3 semester hours

HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education provides facilities in archery, badminton, baseball, basketball, football, hiking, hockey, quoits, shuffleboard, soccer, soft ball, swimming, table tennis, tennis, track, volley ball, and water polo. Provisions are made for teaching the necessary skills in these athletic activities, and a program of intramural contests in these games is maintained. While the college has no liability for physical injury in the athletic program, every effort is made to protect the student.

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

Physical Education I, II, and III

The purpose of these courses is to help students attain a high degree of physical fitness and to grow in mental and emotional fitness through a program which includes seasonal sports, rhythms, folk dances, swimming, gymnastics, and recreational games.

1 semester hour

Health

This course acquaints students with systems of the body as to structure, function, care, and diseases. In a broad sense they acquire the health knowledges, understanding, and attitudes which will enable them to meet the health responsibilities in college, home and community. Part of the semester is devoted to the National Red Cross Standard First Aid Course.

2 semester hours

Teaching of Health

In physical education the activities suitable for grades one to six are presented. The methods of teaching the activities to boys and girls of these grades is stressed. In health education the information necessary for background, the methods of teaching health as an integrated subject in the modern

school program, and the health of the teacher himself are studied. Student teaching opportunities are offered.

2 semester hours

FOREIGN LANGUAGES

French I and II

The basic elements of French pronunciation and grammar are presented, with especial emphasis on the oral-aural aspects of the language. Reading selections are so chosen that they will give students a sympathetic understanding of France and her people. The course aims at making French a living language which students will be able to use in their own life situations. Records and tape-recorder are used to enable students to attain a good pronunciation.

6 semester hours

French III and IV

This course continues the work of elementary French. A thorough review of the fundamentals of French grammar and pronunciation is made. The oral-aural techniques are emphasized, with continued use of records and tape-recorder. Reading material is chosen from selections of literary and cultural value.

6 semester hours

Survey of French Literature I

This course provides a rapid survey of the development of French literature from its origin up to the middle of the eighteenth century. A study of the various literary types and ideas is made with readings of several original works.

3 semester hours

Survey of French Literature II

This course is a continuation of French Literature I. It begins with a study of the development of French literature from the middle eighteenth century and goes up to the present time. Original works are analyzed and studied.

3 semester hours

Advanced French Language and Techniques

This course provides a thorough review of advanced grammar and composition. The work is based upon the needs of students as discovered in their written composition. Techniques of teaching a foreign language are studied and evaluated.

3 semester hours

French Classical Drama

A study of the classical drama from its origin to its full blooming is made. Special emphasis is placed on the master pieces of Moliere, Corneille and Racine. 3 semester hours

French Literature of the 19th Century

A study of the origins and development of romanticism and realism in French literature is made. Readings from 19th century dramatists, novelists and poets are studied.

3 semester hours

Development of the French Novel

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

3 semester hours

French Civilization

This course develops an understanding of modern France through a study of the factors that have produced the French nation and its civilization. It stresses the geography, history, arts, sciences, music and literature.

3 semester hours

Advanced French Conversation

Everyday spoken French and training in the organization of material for conversation form the basis of this course.

3 semester hours

SPANISH**Elementary Spanish I and II**

The basic elements of Spanish pronunciation and grammar are presented, with special emphasis on the oral-aural techniques of the language. Reading selections are chosen to give students a picture of Spanish life and culture as found both in Spain and in Spanish-America. The aim of the course is to make Spanish a living and useful language for students and one which they will be able to use in their own experiences. Records and tape-recorders are used. 6 semester hours

Intermediate Spanish III and IV

A thorough review of the fundamentals of Spanish grammar and pronunciation is made. Reading material is chosen from the literature of Spain and Spanish America. Emphasis is placed on the aural-oral technique. Records and tape-recorder are used. 6 semester hours

Introduction to Spanish Literature

This course offers a rapid survey of the history of Spanish literature with emphasis on the development of literary types and ideas. Reading of representative authors is made.

3 semester hours

Spanish Conversation

Everyday spoken Spanish and training in the organization of material for conversation form the basis for this course.

3 semester hours

Advanced Spanish Conversation

Everyday idiomatic spoken Spanish with special attention to peculiar expressions is the basis for this course. Remedial work on pronunciation of students is done. 3 semester hours

Spanish-American Literature I and II

A survey of the history and development of the literature of Spanish American countries is made. A study of the various types and ideas is made by reading from the original works of representative authors.

6 semester hours

Contemporary Spanish Drama I and II

A study of types of modern drama is made with readings of several representative plays.

6 semester hours

Commercial Spanish

Business letters and practices in correlation with the work of the Business Education Department form the basis of this course.

3 semester hours

GERMAN**Beginning German I and II**

This course is intended primarily for those students wishing to acquire a reading knowledge of German. The basic elements of the structure of the language are presented with particular stress on vocabulary building and reading. Reading selections are taken from a science reader as well as modern short stories. The purpose of the course is to equip students with necessary basic German needed to pursue graduate work.

6 semester hours

MATHEMATICS

Fundamentals of Mathematics

Development of the number system; and application of the fundamental processes; extensions of the number system to include common and decimal fractions and negative numbers; approximate nature of measurements; per cents; languages of algebra including formulas, graphs, tables, and equations; meaning of proof; elementary concepts of statistics; 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. Prerequisites: 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 to practical problems.

3 semester hours

Analytic Geometry

Correlation of algebra and geometry in finding equations of loci and in finding loci corresponding to certain equations; properties of the straight line; and conic sections; exponential and inverse functions; rectangular and polar coordinates; transformation of coordinates; parametric equations; a brief introduction to three dimensions. Prerequisites: 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 to 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; introduction to series. Prerequisites: Differential Calculus. 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

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

Synthetic Geometry

A course coordinating and extending the skills in geometry and developing the ability to make constructions of a higher order than those in other fields of mathematics. The aims and techniques of teaching geometry are emphasized. 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. Prerequisite: Analytic Geometry. 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

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

Calculus III

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, in sinking funds, amortization, installment buying, mathematics of life insurance.

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

SCIENCE

Biology

Botany I

Botany I is a study chiefly of the flowering plants. Topics include the anatomy of life processes of plant cells, leaves, stems, 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

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. Prerequisite: Botany I.

4 semester hours

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

Zoology II

This course is a study of the Chordata in general, and more particularly the classes of Vertebrates. Topics studied 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. Prerequisite: Zoology I. 4 semester hours

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. Prerequisite: 6 hours of Biology. 3 semester hours

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. Prerequisite: Zoology I. 3 semester hours

Vertebrate Anatomy

Amphioxus, the shark and the cat or rabbit are made the central points of study in this work. The various systems are studied with emphasis upon the comparative relationships; physiology is made a factor in the work. 3 semester hours

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 of Biology. 3 semester hours

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

Field Botany

This course emphasizes taxonomy. Common names of many plants found in the community are studied, and the scientific names. Phyla are studied and the family characteristics of the most common flowering plants are made a feature. Considerable emphasis is given the ecological aspects of plant groups. 3 semester hours

Field Zoology

Field and laboratory studies of the animal life of this region are made. 3 semester hours

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

Field Biology

Field Biology attempts to give students in biology a wide contact with the natural history of the area. It serves as an introduction to common types of plants and animals from the various phyla found in south central Pennsylvania. Thus, the student with a major in biology should not graduate without knowing a little of the flora and fauna of this region through first-hand experience out of doors supplemented by study in the laboratory. 3 semester hours

CHEMISTRY

Inorganic Chemistry I

This course includes a chemical study, through class and laboratory work, of the structure and behavior of matter. Topics stressed in the first semester are units and techniques of measurement; gases in the atmosphere and the gas laws; water and solutions; the atomic and kinetic theories; valence, formulas and the determination of the atomic and molecular weights; acids, bases and neutralization; the states of matter; and the periodic classification of the elements. 4 semester hours

Inorganic Chemistry II

This is a continuation of Inorganic Chemistry I and stresses fundamental concepts of non-metals, metals and atomic structure. Recent developments in the atomic field are

emphasized. Considerable time is spent on ionization and electrolysis, in balancing oxidation and reduction equations and in solving problems. 4 semester hours

Qualitative Analysis I

Analyses are made involving the cations and the anions. The student has practice with unknown solutions, salts and alloys. An understanding of equilibrium constants, solubility product constants, solubility product constants and ionization constants is required in this course. 3 semester hours

Quantitative Analysis II

This is a course illustrating the fundamental principles of gravimetric, volumetric, and electrometric methods of analysis. Practice in stoichiometry, careful manipulation of apparatus, and accurate analysis is stressed. 4 semester hours

Industrial Chemistry

This course presents the chemical processes used in industry. Visits to industrial plants take the place of laboratory work. 3 semester hours

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. Prerequisites: Inorganic Chemistry. 4 semester hours

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

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; phases 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

PHYSICS

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 transferance, the production and nature of sound waves including musical sounds.

4 semester hours

Physics II

This is a continuation of Physics I and an introductory course in magnetism and electricity. Some 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

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

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

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

Heat

This is an intermediate course in heat. The basic concepts and principles are developed more intensively in the study of 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. Prerequisites: Physics I and II.

4 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, sphereometers, cathemeter, micrometer microscopes, pressure gauges, audimeters, sextants, jolly balances, photometer, spectrometers, potentiometers, ballistic 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 SCIENCES**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 field 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

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 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

SOCIAL STUDIES

History

History of Civilization I

A study of the origin and development of political, economic, social and religious institutions which have contributed to modern civilization. This course covers broad movements in the evolution of world cultures to the middle of the seventeenth century.

3 semester hours

History of Civilization II

A continuation with emphasis on the revolutionary developments of the nineteenth and twentieth centuries. It attempts to give the student a clear understanding and appreciation of our great heritage from the past.

3 semester hours

History of the United States and Pennsylvania I

This general course traces the political, economic and social developments of the American people from colonial beginnings through the Civil War and Reconstruction. Pennsylvania's place in the story is emphasized. Some attention is given to biography and to intellectual movements.

3 semester hours

History of the United States and Pennsylvania II

A continuation of History of the United States and Pennsylvania I dealing with the period 1865 to the present. Stress is placed upon the impact of the Industrial Revolution on American society. America's recent rise to world power is carefully traced.

3 semester hours

History of the United States since 1900

This is an advanced course stressing the recent economic, social and cultural developments of the American people. It traces the growth of the city and the developments of our economy, and deals with the diverse effects of these forces upon American life and thought. Prerequisites: History of the United States and Pennsylvania I and II.

3 semester hours

History of Europe since 1815

This course is a basic survey of the political, economic and social forces which have been at work in Europe in its entirety and within the states as individual units. It attempts to study and interpret those forces in such a manner as to offer a background for the understanding of the European scene today and its relation to present world affairs. Prerequisite: History of Civilization I & II.

3 semester hours

Twentieth Century World History

A study of those movements which constitute the modern world: the evolution of nationalism; the challenge of so-

cialism, communism and fascism to liberal democracy and representative constitutional government; the decline of imperialism; and the struggle for international order. These and others are subjects for study with illustrative material drawn from the history of national states. Prerequisites: History of Civilization I & II. 3 semester hours

History of Pennsylvania

A history of the development of Pennsylvania from its founding to the present. Study is made of the political, economic and social developments in each period of its history. Special attention is given to the diversity of its people, their institutions and problems and the growth of Pennsylvania to a leading position in our industrial society.

2 or 3 semester hours

History of the Middle East and India

A study of the contributions of the various civilizations that developed in these areas to both oriental and occidental cultures. Special emphasis is placed on the recent role of these people in world affairs and in international problems. Prerequisites: History of Civilization I & II.

3 semester hours

History of England

Emphasizes those contributions which England has made to Western Civilization: the fusion of parliamentary government, civil liberties and monarchy; the evolution of a colonial empire into a Commonwealth of nations; the transition from an agrarian economy through merchant and industrial capitalism to the present socialist order; and the social background of English literature. Prerequisites: History of Civilization I & II.

3 semester hours

History of the Far East

The important historical developments and cultural achievements of the Orient, including China, India and Japan, are surveyed to provide an understanding of recent events there. The modern relations of Eastern Asia with Europe and America are traced, and the results of this impact upon both civilizations are studied. Prerequisites: History of Civilization I & II.

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 spe-

cial attention first as to domestic problems, then as they are related to the various political units involved. Present day problems are stressed. 3 semester hours

Diplomatic History of the United States

A survey of American foreign relations from the Revolutionary War period to the present with emphasis on the diplomacy leading to America's recent world leadership. Special attention is given to factors determining our foreign policies, such as influences from abroad, the American press and public opinion and special interest groups. Prerequisites: History of the United States and Pennsylvania I & II.

3 semester hours

Social Science

American Government

An introductory course stressing the fundamental principles of American Constitutional Government. Emphasis is placed upon the evolutionary development of our government from a simple one of an agrarian economy into a complex one with economic, social and political functions in an industrial society. Political parties, elections, citizenship, and civil liberties are carefully considered. 3 semester hours

Principles of Economics (Economics I)

This course emphasizes Economic Principles and stresses the forces of economic opportunity, competition, free market conditions in the study of production, wealth, income, consumption, prices; distribution of goods and income in the form of wages, interest, rent, and profit. The business forms of cooperatives, single proprietorship, partnership, corporation, and the large scale corporate enterprise are studied to aid in better understanding the economic principles involved in the structure of American capitalism. 3 semester hours

Principles of Sociology

This is a basic course in sociology which deals with fundamental sociological concepts including the meanings and functions of culture and the origin, functions and characteristics of the basic social institutions. Some emphasis is placed upon the causes and nature of social disorganization.

3 semester hours

Economic Problems (Economics II)

The general economic operation of our society is examined in the fields of money, banking, credit, public finance, labor-management relationships, public utilities, foreign trade and agriculture.

Emphasis is placed on understanding the reciprocal relationships between the various economic groups such as agriculture, business, industry, labor, consumer, which must work together for a healthy American economy. 3 semester hours

International Relations 1919 to the Present

A course dealing with twentieth century developments of the national state, regional pacts and international organizations, and at the same time with imperialism, power politics and intensified warfare. Attention is given to the changing status of international law and courts and to the conduct of diplomacy. Such problems are studied as human rights, refugees, minorities and conflicts between opposing cultural economic and ideological groups. Prerequisite: History of the United States and Pennsylvania II or History of Europe since 1815 or Twentieth Century World History.

3 semester hours

Comparative Government

A comparative study of the principles, forms and functions of democratic, fascist, and communist governments. Such subjects as political parties and electoral systems, legislative representation, federalism, constitutional order, bureaucracy and dictatorship are examined in the functional and comparative manner. Prerequisite: American Government.

3 semester hours

State and Local Government

A study of the organization and functions of government on the local level with particular attention paid to local government in Pennsylvania. State-local and national-local relations are stressed.

3 semester hours

Teaching Social Studies in the Secondary School

A course designed to acquaint the prospective teacher of social studies with the philosophy of the field, curriculum preparation and materials, and recent methods and techniques. Course outlines, preparation of teaching units, testing and visual aids are stressed.

3 semester hours

Contemporary Social Problems

This course is concerned with the more pertinent problems which grow out of social change and maladjustment. Among the specific problems studied are family conflict, populations, race conflict, industrial conflict, poverty, crime and delinquency. 3 semester hours

Home and Family Living

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

World Economic Problems

This is a general survey course in the principles, practices and problems of world economics. It deals with world population, natural resources, trade, capital organization and investment, financial mechanisms, and current world conditions. Emphasis is given to the historical background which is essential to the student's understanding of current development. 3 semester hours

United Nations Organization and Function

After tracing the historical background of the United Nations, the course deals with its purposes, principles and organization. Emphasis is placed on the effectiveness of the U.N. in recent world affairs and on its functions and activities. The relationship of the United States to the organization, functions and influences of the U.N. are studied. Prerequisite: American Government. 3 semester hours

PUBLIC SCHOOL NURSING

Special Health Problems

A study of physical, emotional and social problems affecting the health of the school child; of the methods that may be employed by home, school and community in helping to solve them, with emphasis on the nurse as co-ordinator in such endeavor; of the local, state and federal resources available for aiding in the solution of these problems. Field Trips.

3 semester hours

Public School Nursing

Qualifications, certification, education, duties, responsibilities, limitations, opportunities, contributions, legal aspects and problems of the nurse in the school; emphasis on her changing role; planned to assist the nurse to assume her proper position in a vigorous school health program. Field Trips.

3 semester hours

Nutrition and Community Health

Basic principles of nutrition reviewed; family meal planning with relation to economic factors, cultural food patterns and emotional aspects; application of principles to nutrition throughout the life span; a study of special health problems and their relation to nutrition; co-operative planning for school and community. Demonstrations.

3 semester hours

Public Health Nursing

The development, fundamental principles, organization, nature of services, problems of community participation, legislation, and trends in Public Health Nursing; emphasis on skill, knowledge and interests essential in teaching prevention of disease and promotion of health; resources on local, state and federal level available to the public health nurse in her work with the community. Field trips.

3 semester hours

ALUMNI

In eighty four years of its existence, Shippensburg has graduated approximately 6,000 students from its various curriculums. Many of these graduates are engaged in the teaching profession throughout Pennsylvania and are well represented in many other states. Approximately 3,000 of these graduates have received a Bachelor of Science in Education 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 Advisory Council which constitutes a contact with the college. The Alumni Advisory Council meets at the annual Homecoming each fall. The Alumni Executive Committee meets each spring on Alumni Day.

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, and Washington, D.C.

GENERAL ALUMNI ASSOCIATION

President	ROBERT BLOOM—1936
First Vice-President	SARA E. DRAKE—1928
Second Vice-President	JAMES GIBBONEY—1933
Secretary	MYRA C. ESH—1926
Treasurer	ERMA K. ROLAR—1918
Assistant Treasurer	PAUL CAUFFMAN—1932

ALUMNI EXECUTIVE COMMITTEE

Term Expires Alumni Day 1956

MONROE S. E. GOBRECHT '20	Landisburg, Pa.
GEORGE BRINER '01	Carlisle, Pa.
MARTHA LINE EASTEP '36	Shippensburg, Pa.

Term Expires Alumni Day 1957

BLANCHE STOOPS '21	Ardmore, Pa.
ROBERT BEARD '38	Chambersburg, Pa.
WILLIAM EARP '50	Carlisle, Pa.

Term Expires Alumni Day 1958

RALPH SWAN '31	New Bloomfield, Pa.
RALPH HEIGES '23	Shippensburg, Pa.
PAUL LEHMAN '21	Lewistown, Pa.

COLLEGE ADVISORY COUNCIL FROM THE ALUMNI

High School	County	Alumnus
Abington	Montgomery	Frank Coffey
Aliquippa	Beaver	Roger Jones
Altoona	Blair	Byron Ashburn Katherine Antes Frank Mastrocola Cyril Ramsey
Bellwood Antes	Blair	Howard Walker
Bedford	Bedford	Paul E. Mowry
Belleville	Mifflin	Russell Roddy
Biglerville	Adams	L. V. Stock
Burnham	Mifflin	Mrs. Carl Hambright
Camp Hill	Cumberland	Sara E. Drake Reed Ernst
Carlisle	Cumberland	William Earp Charles Lehman
Chambersburg	Franklin	Robert Beard Kenneth Gabler Ida Heller
Cumberland Valley	Cumberland	Charles Slabaugh Ruth Drake
East Berlin	Adams	Elmer W. Gruver
Everett	Bedford	Claude Larimer
Fairfield	Adams	George Inskip
Fanettsburg, Metal Twp.	Franklin	Robert Kochenour
Gettysburg	Adams	Charles Gentzler G. W. Lefever
Greencastle	Franklin	William Conrad
Hagerstown, Md.		Robert F. Leshar
Harrisburg		
William Penn	Dauphin	W. Alexander McCune
William Penn	Dauphin	Charles H. Ebner
John Harris	Dauphin	Guy Shumaker
Hershey	Dauphin	A. Sterling King
Hollidaysburg	Blair	Griff Jones, Jr.
Huntingdon	Huntingdon	Mrs. Frank W. Maggill
Johnstown	Cambria	Jerry F. Trostle
Landisburg	Perry	Monroe S. E. Gobrecht
Lansdowne	Delaware	Roy Kraber
Lemasters	Franklin	Jacob Brake
Lemoyne	Cumberland	Catherine Hubley
Lewistown	Mifflin	Calder Geedy Samuel Shearer, Sr.
Loysville	Perry	Paul Hurley
McConnellsburg	Fulton	Harold Welsh Claude Mellott
McVeytown	Mifflin	Richard Kitzmiller
Martinsburg	Blair	Dean W. Brumbaugh
Mechanicsburg	Cumberland	McClay Kelly
Mechanicsburg	Cumberland	Charles Shields

Mercersburg	Franklin	Estella Whitmore
Middleburg	Snyder	Tyrrell Robinson
Mifflintown	Juniata	Myra Rodgers
Millersburg	Dauphin	Richard Fralick
Mount Union	Huntingdon	Lola Pheasant Weyant
		Mrs. Joseph Shapiro
New Bloomfield	Perry	Jesse Snyder
		Ralph Swan
New Oxford	Adams	Charles Taylor
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
Roaring Spring	Blair	Mrs. Chalmer E. Sell
Robertsdale	Huntingdon	Hazel Angle
Saltillo	Huntingdon	Mrs. Louisa Cornelius
Saxton Liberty	Bedford	Rose McCahan
Scotland Orphans School	Franklin	Robert Maclay
Selinsgrove Area Joint	Snyder	W. Michael Weader
Shippensburg	Cumberland	Harper Wentz
		S. L. Daihl
Steelton	Dauphin	Frank Yeingst
		Charles Hoerner
St. Thomas	Franklin	Richard McCurdy
Progress	Dauphin	Winifred Kitchen
Tyrone	Blair	Willard Kerr
Warfordsburg	Fulton	Gordon Charlton
Waynesboro	Franklin	Glenn Lehman
		George Bitner
Williamstown	Dauphin	Clayton V. Vogel
Wrightsville	York	Elizabeth Reeder Nispel
Yeagertown	Mifflin	Gerlad Woomer
York	York	Anna Mary Melhorn
		Benjamin Nispel
		Tom Schade
York Springs	York	Mrs. Wimbart Neely

ROSTER OF STUDENTS

1955-56

Abram, Robert G.	Newville
Acker, Carolyn L.	New Cumberland
Adams, Pauline C.	Spring Run
Adams, Ralph P.	Gibsonia
Adams, Raymond A.	New Bloomfield
Agle, Larry E.	Shippensburg
Alesi, Joan L.	Mt. Union
Alexander, Martha E.	Mechanicsburg
Allan, Sally J.	Camp Hill
Allard, Robert L.	Waynesboro
Alcorn, David K.	Orbisonia
Allen, Patrick F.	Altoona
Ames, Sara K.	Ridgway
Angelucci, Andrew N.	Harrisburg
Ansill, Delford D.	California
Armagost, Dwight L.	Hooversville
Ayers, Paul L.	Altoona
Baer, Justin F.	Chambersburg
Baer, Kenneth D.	Harrisburg
Bahn, William M.	Glen Rock
Bair, George W.	Camp Hill
Bair, Jack L.	Harrisburg
Baker, Doris G.	Rouzerville
Baker, Floyd A.	Spring Run
Baker, Jack A.	Shippensburg
Baker, James N.	Carlisle
Baker, Jean B.	Carlisle
Baker, Robert C.	New Bloomfield
Balistrere, Frank O.	Harrisburg
Bannon, Lawrence R.	Lewistown
Banse, Meryl A.	Wynnewood
Banta, Grace E.	Kennett Square
Barbush, Donald C.	Harrisburg
Bard, Donald F.	Chambersburg
Bard, William R.	Shippensburg
Barger, William E.	Lewistown
Barnhart, Paul L.	Waynesboro
Barnhart, Theodore N.	Hanover
Barnhart, Thomas L.	Waynesboro
Barrick, Louella P.	Newville
Barton, Joyce M.	Hustontown
Basehore, Fred A.	Shippensburg
Basore, Ethel B.	Summerdale
Basore, Lee D.	Shippensburg
Bauer, Mary L.	Carlisle
Baumgardner, Gary W.	Lewistown
Baumgardner, Harry A., Jr.	Lewistown
Bayer, William I.	Loysburg
Bazdar, Nancy L.	Steelton
Bazzel, Jacqueline A.	Hatboro
Beam, Gerald C.	Gardners
Beard, Kenneth E.	Harrisburg
Beard, Roberta A.	Waynesboro
Becker, Peggie P.	Marysville

Beidel, Larry E. Shippensburg
Beidel, Patricia A. Shippensburg
Beitman, John J. Harrisburg
Bell, Charles W. Lewistown
Beltz, Charles E. Newburg
Bender, John H. Enola
Bender, Nancy A. Gettysburg
Benedict, Melvin K. New Oxford
Benner, Donna M. Burnham
Benner, Joan R. Lewistown
Benner, Phyllis L. Middleburg
Berzansky, Paul Wood
Best, James R. W. Doylesburg
Best, Ruthann Fort Loudon
Bilger, Clarence H. Tyrone
Bingaman, Charles H. Sinking Spring
Bingaman, Clenton F. Waynesboro
Bitting, Hillary A. Highspire
Bittle, Joanne M. Harrisburg
Blasko, John W. Phillipsburg
Blockson, Willie D. Norristown
Blowers, Janet C. Altoona
Bly, Charlotte E. Shippensburg
Boddorff, Mary J. Lykens
Bolan, Vance C. Harrisburg
Bollinger, Fred K. Wells Tannery
Bollinger, Fred G. Hanover
Bolze, Deanna E. Carlisle
Bookwalter, Sara E. Newport
Booth, Clyde O. Warfordsburg
Boozel, Janet C. Shippensburg
Bordner, James E. Halifax
Bouder, Richard H. Waynesboro
Bowen, Susan L. York
Bower, Mileen R. Blain
Bowling, R. Larry Waynesboro
Boyd, Donald A. Newville
Brabson, Elizabeth A. Nottingham
Bradley, Sandra L. Saxton
Brady, Joseph K. McSherrystown
Brake, Edward W. Waynesboro
Brandt, Dana P. Newville
Braucher, William F. Chambersburg
Brechbiel, Charles A. Greencastle
Brechbiel, Patricia W. Chambersburg
Brehm, Donald R. Carlisle
Brehm, Roy E. Carlisle
Brenneman, Orr N. Mt. Holly Springs
Breski, Joseph L. Bressler
Briggs, Barbara H. Point Pleasant, New Jersey
Britt, Thomas J., Jr. Yeagertown
Brown, Terry E. Littlestown
Brown, Thomas A. Fairfield
Brumbaugh, Frederick D. Martinsburg
Buchanan, John L. Greencastle
Buczyuski, Eileen A. Harrisburg
Burd, Larry A. Lewistown
Burger, Eugene H. Harrisburg

Burkett, Kenneth M.	Saxton
Burkey, Nancy H.	Chambersburg
Burns, Luther A.	New York, New York
Bushman, Patricia A.	Chambersburg
Butcher, Laura L.	Harrisburg
Byers, Kenneth E.	Chambersburg
Byrnes, Donna E.	Media
Cafferty, Mary Louise	Chambersburg
Cain, Fred E.	Penns Grove, New Jersey
Calhoun, Roxee	Huntingdon
Cameron, Betsy L.	Millerstown
Cameron, Nancy M.	Oreland
Camorata, Carol P.	Hammonton, New Jersey
Carlson, Ronald J.	Harrisburg
Carmichael, Samuel N.	Harrisburg
Carrender, Judith L.	Hummelstown
Carson, Richard O.	Waynesboro
Carstensen, Marylon S.	Johnstown
Cassell, Kenneth N.	Harrisburg
Castner, Jane T.	Alexandria
Catlin, Richard W.	Chambersburg
Cauffman, Carolyn M.	Shippensburg
Cauffman, Elizabeth A.	Shippensburg
Chamberlain, Robert L.	Six Mile Run
Chambers, Elizabeth N.	Houston
Chickersky, Joseph P.	Ashland
Chilcoat, James K.	Mount Union
Chisholm, William D.	Hopewell
Chronister, Fae K.	Marysville
Cialone, Jean J.	Robertsdale
Clair, Mary E.	Hancock, Maryland
Clark, Carol	Havertown
Clark, Charles D.	Orbisonia
Clary, Donald E.	Greencastle
Clay, Samuel A.	Carlisle
Clayton, Alva L.	Mercersburg
Cleary, Nancy A.	Aldan
Clemens, Robert E.	Royersford
Clevenger, Jacob H., Jr.	Chambersburg
Clever, Roy E.	Shippensburg
Clouse, Lee A.	Newville
Clouser, Ronald A.	Williamstown
Colbus, Harry S.	Altoona
College, Durbin B.	Greencastle
Colvin, Alice C.	Schellsburg
Conrad, Ronald H.	Harrisburg
Connor, John M.	Aliquippa
Corman, Joyce E.	Rebersburg
Corwell, Jacob R.	Roxbury
Courtney, Stanley L.	Camp Hill
Crabill, Beatrice J.	Crystal Spring
Craine, Donald R.	Altoona
Crawford, William A.	North Syracuse, New York
Crawley, Robert L., Jr.	Canton
Creager, Darwin L.	Waynesboro
Creasey, Helen A.	Camp Hill
Cribbs, Joan L.	Derry
Crimm, Ronald E.	Havertown

Crnarich, Francis C.
Crouse, Richard J.
Croyle, Louise L.
Cunningham, Fredric M.
Curran, Lawrence J.
Cutro, Nicholas F.
Cutshall, Beverly A.
Cvzic, Olga
Daniels, Joalto
Danner, David L.
Dasher, Warren T., Jr.
Davis, Barbara A.
Davis, Dorothy M.
Day, John P.
Deck, Robert E.
Deckard, Marshall G.
Decker, Richard M.
Deckman, Ronald L.
Delzingaro, Anthony R.
DeMartyn, Paul L.
Denner, Francis E.
DeSendi, Mary B.
Detrich, Irvin R.
Devaric, Robert J.
Devor, Carolyn L.
Diamond, Harry D.
Dice, Reba J.
Dickey, Kenneth R.
Dickton, Frank J., Jr.
DiDonato, Alfred H.
Diehl, W. Donald
DiEsposti, John, Jr.
DiGuiseppe, Rico M.
Dinterman, Ralph R.
Dinterman, Robert E.
Doan, Robert A.
Doleman, Ann V.
Donahoe, Marion A.
Donaldson, Glendyr G.
Donovan, Bruce C.
Dougherty, Lewis
Douglass, Nancy M.
Drawbaugh, Martha S.
Drexler, Wally W.
Dudley, Barbara J.
Dugan, Lee M.
Dulaney, Lou Ann
Dunn, Henrietta
Dunn, Shirley M.
Dungan, Norma L.
Dymond, John B.
Eby, Norma K.
Ecker, Robert R.
Edwards, Arthur L.
Edwards, Robert N.
Edwards, William L.
Ehlman, Dorothy J.
Eichelberger, Joanne M.

Nanty-Glo
Zullinger
Alexandria
Mount Union
Norristown
Bayonne, New Jersey
Altoona
Steelton
York
Lemoyne
Hopewell
Alexandria
Chambersburg
Gardners
Harrisburg
New Bloomfield
McConnellsburg
Mechanicsburg
Glenside
Mechanicsburg
Norristown
Harrisburg
Altoona
Steelton
Waynesboro
Philadelphia
Marysville
Harrisburg
Aliquippa
Hackensack, New Jersey
Chambersburg
Harrisburg
Royersford
Waynesboro
Waynesboro
Harrisburg
Hagerstown, Maryland
Chambersburg
Mount Union
Mechanicsburg
Harrisburg
Gettysburg
Chambersburg
Newville
Somerville, New Jersey
Bendersville
Gettysburg
Mifflintown
Mifflintown
Feasterville
Fayetteville
Chambersburg
Waynesboro
Chester
Orangeville
Yeagertown
Biglerville
Etters

Eicher, Thomas L.	Aliquippa
Eisenhower, Frank L.	Shippensburg
Elliott, William D.	Greencastle
Endlich, James D.	New Kensington
Endsley, James	Harrisburg
Ensor, Philip C.	Glen Rock
Erb, Nancy L.	Enola
Erdman, Carol A.	Shamokin
Eshenour, Caroline G.	Greason
Eshleman, Harriette E.	Harrisburg
Espigh, Merrill A.	McVeytown
Estep, Harold	Mapleton
Eversole, Richard W.	Fairfield
Ewan, Ruth E.	Chambersburg
Fackler, Charles H.	Harrisburg
Faidley, Ray A.	Somerset
Failor, Joan M.	Mechanicsburg
Faraday, Edward G.	New Cumberland
Fearn, Lynne	Chalfont
Feather, Franklin G.	Gettysburg
Fell, William A.	Beaver Falls
Felton, Bonnita M.	Breezewood
Ferraris, Medea M.	Shippensburg
Fetrow, Gerald R.	Harrisburg
Fields, Marlin H.	McVeytown
Fields, Mary Ann	Chambersburg
Finafrock, Robert E.	St. Thomas
Fisher, Deanna J.	Harrisburg
Fisher, Ida M.	Clearville
Fisher, Ronald E.	Greencastle
Fisher, Thomas C.	Lykens
Fleisher, Norman T., Jr.	Lewistown
Flood, James B.	Harrisburg
Forrester, Eleanor G.	Scotland
Forsythe, O. Richard	Chambersburg
Fowler, Donald G.	Chambersburg
Frantz, David E.	Chambersburg
Frazer, Laryn A.	Alexandria
Freeland, Earl D.	Harrisburg
Friedman, Eileen L.	Philadelphia
Fritsch, Rosemary	Harrisburg
Frushour, Gladys V.	Chambersburg
Fryer, Donald E.	Harrisburg
Fuller, Carolyn L.	Ickesburg
Fuller, Harry R.	Millerstown
Fultz, Jacqueline	Lewistown
Funk, Genevieve	Harrisburg
Funk, Joanne L.	Warfordsburg
Fuss, Darlene M.	Aliquippa
Gable, Patricia A.	York
Gabler, Rosemary L.	Blue Ridge Summit
Gain, Michael	Harrisburg
Gall, Robert O.	Brackenridge
Gallagher, Alfred K.	Dry Run
Gant, Edward L.	Norristown
Gardner, Thomas L.	Walnut Bottom
Garner, Glenn L.	Lititz
Garner, Roger L.	Saxton

Garrett, Shirley J.	Lewistown
Gaston, Gloria M.	Shippensburg
Gates, Charles E., Jr.	Petersburg
Gearhart, Bobby L.	Chambersburg
Gearhart, Dale L.	Greencastle
Gearhart, Oliver C.	Harrisburg
Geedy, Josephine R.	Lewistown
Geigle, Diane A.	Harrisburg
Gekas, Constantine W.	Harrisburg
Gephart, Kermit E.	Carlisle
Gerth, Richard E.	West Lawn
Getz, Louis J.	Altoona
Gibbs, Harlan K., Jr.	York
Gillespie, James W.	Chambersburg
Gingerich, Martin E.	Chambersburg
Gipe, Dwaine E.	Greencastle
Gipe, Edna M.	Mercersburg
Goddard, Dale G.	Shippensburg
Goldsteen, Cherie R.	Harrisburg
Good, Lawrence E.	Harrisburg
Goodhart, Jack E.	Orrstown
Goodling, Kenneth E.	Thompsontown
Goodman, Jack R.	Harrisburg
Gorman, Leroy J.	St. Clair
Gourley, James A.	Meadville
Graham, Shirley B.	Chambersburg
Grant, Carol A.	Glenside
Grau, Richard E.	Harrisburg
Gray, James	Harrisburg
Greenawalt, Gilbert L.	Waynesboro
Griest, Roger J.	Dover
Grimes, Percy A.	Palmyra, New Jersey
Gromling, Norman C.	Lemoyne
Grosh, Fred A.	Greencastle
Gross, Jenny L.	Mount Holly Springs
Gross, Nelda M.	Thomasville
Gumby, Janice M.	Mount Holly Springs
Gutshall, Donald R.	Huntingdon
Gutshall, Melvin C.	Three Springs
Guyer, Jay F.	Hollidaysburg
Haar, Elwood C.	Dillsburg
Haas, Katie M.	Allentown
Hackenberger, Vivian L.	Mifflintown
Hafer, James T.	Loysburg
Hafer, Paul C.	Loysburg
Hair, Donald L.	Carlisle
Hair, Edward P.	Carlisle
Hake, Blanche E.	Laurel
Hall, James E.	Orrtanna
Hamilton, Joan L.	Shippensburg
Hammann, Carol L.	Carlisle
Handshaw, M. Joann	Shippensburg
Hanes, Bonita O.	Chambersburg
Harbach, Anna M.	Carlisle
Harclerode, Jack E.	Everett
Harling, Richard C.	Camp Hill
Harpster, Joanne E.	Warriors Mark
Harpster, Mary A.	Hollidaysburg

Harris, Graham L.	Riverton, New Jersey
Hart, Nellylou	Hackettstown, New Jersey
Hartley, Ronald J.	Lewistown
Hartman, Dean J.	Altoona
Hauck, Richard H.	Mechanicsburg
Hauer, Richenda D.	York
Hauser, Zane S.	Youngstown
Havice, Donald G.	Lewistown
Havice, Shirley A.	Lewistown
Haywood, Richard L.	Yeagertown
Heberlig, Dolores A.	Cumberland
Heberlig, Edgar S.	Cumberland
Heberlig, Jack C.	Newville
Heckman, Lloyd S.	Highspire
Heefner, Theodore E., Jr.	Chambersburg
Heinbaugh, Jacqueline J.	Harrisburg
Heintzelman, Robert E.	Harrisburg
Helm, Terry L.	Shippensburg
Henry Bertram V.	Chambersburg
Henry, Charles W.	Chambersburg
Henry, John R.	Harrisburg
Henry, Ruth E.	West Lawn
Hensel, V. Sophia	Newburg
Herigan, William R.	Steelton
Hess, Blain S., Jr.	Lewistown
Hess, William R.	Pine Grove
Highberger, Jack E.	Chambersburg
Hill, Edwin T.	Chambersburg
Hill, Janice D.	Mercersburg
Hill, Karen E.	Harrisburg
Hill, Rebekah J.	Altoona
Hinkle, Carole L.	Elkins Park
Hockersmith, Fred B.	Shippensburg
Hoffman, Dollie M.	Lewistown
Hoffman, Donna L.	Carlisle
Hoffman, Eleanor L.	Enola
Holbrook, Mary A.	Norristown
Holt, Calvin A.	Lewistown
Hooper, Shirley L.	Todd
Hoover, Carole S.	Harrisburg
Hoover, Nancy A.	Chambersburg
Horner, Ann V.	Waynesboro
Horton, Earl H.	Huntingdon
Hovanec, Thomas J.	West Mifflin
Hower, Arthur A., Jr.	Royalton
Hrubovcak, George A.	Aliquippa
Huber, Edward J.	Chambersburg
Hunsberger, Harold S.	Mercersburg
Hunter, James T.	Shippensburg
Hutchison, Leslie J.	Philadelphia
Hykes, Nancy A.	York
Iannucci, Lewis	Bristol
Imler, James H. E.	Mechanicsburg
Jackson, Lynne	Flemington, N. J.
Jackson, Thomas W.	Shippensburg
James, Arthur T.	Shippensburg
James, Richard L.	Hanover
Jefferis, Joseph J.	Spring City

Jenkins, Karl L.
Johnson, Harold E.
Johnson, Nancy J.
Johnston, Joan B.
Johnston, John R.
Jones, Kathryn B.
Jones, Nancy A.
Judge, J. Marilyn
Judge, Loline S.
Kaiser, Lula F.
Kann, Alice M.
Kann, Marjorie M.
Katz, Marvin M.
Kauffman, Richard M.
Keller, Louis A.
Kelly, Virginia L.
Kendall, Donald E.
Kerchner, I. Marie
Keys, Dorothea C.
Keyser, Marshall R.
Kidd, Ralph F.
Killian, Jacob F.
Kimble, Ruth A.
Kimmel, Audrey L.
Kinard, Dale R.
King, Eddie H.
Kirk, Clifford L.
Kissinger, Marlene A.
Kister, Kenneth F.
Kline, Edna L.
Kline, Joanna R.
Kling, Janet L.
Kling, Thomas D.
Kling, Wilbur J.
Klingler, Charles R.
Klinger, James H.
Klose, Carolyn A.
Knapp, Beverly A.
Knarr, Robert E.
Knepp, John E.
Knerr, Charles W.
Knisely, Sally J.
Knoll, Albert G.
Knox, Mary J. T.
Kocher, Linda S.
Koehler, Paula A.
Kohler, Louis W.
Koller, Joyce M.
Koons, Helen L.
Koontz, Irene M.
Koppenhaver, Catherine P.
Kostukovich, Richard J.
Kowalchik, Russell
Kramer, A. Jane
Kramer, B. Jean
Krepich, Michael P.
Kretzing, Donald R.
Kriebel, Judith R.
Shirleysburg
Newton Hamilton
Everett
Waynesboro
Carlisle
Aldan
Shermans Dale
Camp Hill
Camp Hill
Chambersburg
Walnut Bottom
Shippensburg
Shippensburg
Mercersburg
Hollidaysburg
Three Springs
Waynesboro
Mifflin
Chambersburg
St. Thomas
Mount Union
Shippensburg
Nottingham
Somerset
Windsor
New Enterprise
Harrisburg
Auburn
Mechanicsburg
Mont Alto
Lewistown
Spring Run
Shippensburg
Shippensburg
Mount Union
Harrisburg
Yeadon
Harrisburg
Harrisburg
McVeytown
Norristown
Dillsburg
Chambersburg
York
Johnstown
Harrisburg
Waynesboro
Enhaut
State Line
Littlestown
Millersburg
Philadelphia
Six Mill Run
Shippensburg
Shippensburg
Wiconisco
Camp Hill
Lansdale

Kriechbaum, Casimer B.	Chambersburg
Kump, Donald B.	Littlestown
Kuntz, William O., Jr.	Harrisburg
Lance, Gail M.	Aliquippa
Landis, Melvin F., Jr.	Lansdale
Lantz, Beverly J.	McVeytown
Largent, Harold R.	McConnellsburg
Lash, Barbara A.	Jonestown
Lash, Stark W.	Lewistown
Lawhead, Ronald M.	Altoona
Lawrence, Evelyn S.	Hallstead
Leamer, Jerome L.	Alexandria
Lebo, Harold R.	Millersburg
Lebo, Thomas F.	Carlisle
Leese, Dale F.	York
Lefever, Jane A.	Dillsburg
Lehman, Joan M.	Carlisle
Lichliter, Sandra L.	Harrisburg
Lightfoot, Leslie R.	Shippensburg
Lightner, George E.	Huntingdon
Limes, Donald M.	Lewistown
Lindsey, Lloyd S. Jr.	Carlisle
Link, Paul H.	Ebensburg
Linn, Galen G.	Shippensburg
Little, Charles G.	Chambersburg
Lively, Philip R.	Steelton
Lloyd, Donald W.	Aliquippa
Lochbaum, Robert G.	Chambersburg
Lohr, Kenneth V. Jr.	Camp Hill
Loht, Fern M.	McClure
Lomell, Nancy A.	Point Pleasant, New Jersey
Long, Jacqueline S.	Camp Hill
Long, Lester D.	Wood
Long, Patricia A.	Littlestown
Lory, Esther S.	York Springs
Loskill, Erma J.	Shippensburg
McCahon, John R.	Saxton
McCann, Arlene Dubbs	Shippensburg
McCavitt, William E.	Mt. Union
McClain, Blaine C.	Huntingdon
McCleaf, Robert L.	Shippensburg
McCleary, Peggy Ann	Chambersburg
McClellan, Donna M.	Harrisburg
McCoy, Marlene L.	Carlisle
McCrory, James W.	Lewistown
McCullough, Mildred P.	Carlisle
McDermott, Marian A.	Chambersburg
McDevitt, James L.	Carlisle
McDonald, James F.	Shippensburg
McDonald, Ronald D.	Newville
McDowell, Patricia E.	Linglestown
McGaughey, Patricia A.	Media
McGee, Joseph F.	Hollidaysburg
McKee, William C.	Amaranth
McLamb, Christine	Harrisburg
McMillen, Wanda R.	Loysville
McMorris, William J.	Fayetteville
McPherson, Warren R.	New Bloomfield

Macbeth, Barbara A.	Aspers
Maclay, Charles W. Jr.	Shippensburg
Maclay, Lucy K.	Shippensburg
Magill, Kenneth D.	Shippensburg
Manning, Charles A. Jr.	Warfordsburg
Markley, Fred A.	Shippensburg
Markley, John T.	Shippensburg
Marks, Ann E.	Carlisle
Martin, Edith K.	Gettysburg
Martin, Jerald L.	Shippensburg
Martin, Joan E.	State Line
Martin, Judith L.	Newville
Martin, Samuel H.	Waynesboro
Martucci, Mary Ann C.	Lehighton
Martz, Mary A.	Knobsville
Masemore, Ira G.	McVeytown
Mason, Mary C.	Gettysburg
Matthews, Martha E.	Hanover
Matthews, Patricia L.	Harrisburg
Maurer, Ronald L.	Shippensburg
Means, Barbara J.	Shippensburg
Means, Chalmers E.	Newburg
Meck, Richard	Six Mile Run
Medwid, Janet M.	McKees Rocks
Melius, Melvin E.	Carlisle
Mellott, Gerald E.	Needmore
Mellott, Jay C.	Carlisle
Memmi, Anthony M.	Chambersburg
Mentzer, Ray G.	Waynesboro
Metcalf, T. Lorraine	Greencastle
Metz, Kenneth L.	Shippensburg
Meyers, Janet L.	Lemasters
Middlekauff, John W. Jr.	Camp Hill
Millard, Ann M.	Dillsburg
Miller, Ann L.	New Cumberland
Miller, Charles A.	Burnham
Miller, Charles S.	Williamstown
Miller, James F.	Belle Vernon
Miller, Jean A.	Schellsburg
Miller, Judith E.	Gordonville
Miller, Larry G.	Shippensburg
Miller, LaVonda	Concord
Miller, Roger C.	Lewistown
Miller, Ronald D.	Gettysburg
Miller, Thomas O.	Newport
Millhouse, Arthur H.	Newville
Mills, Olvin	Atlantic Highlands, N. Jersey
Minick, Susan Robertson	Orbisonia
Minnick, Harry D.	Mount Union
Moffett, Elizabeth Schwinger	Shippensburg
Moloney, Vincent R.	Enola
Monacelli, Nicholas C.	Norristown
Montague, William B. II	Shippensburg
Moore, Edward C.	Philadelphia
Moore, Frank B.	Hanover
Moore, Nelson R.	Aliquippa
Moore, Paul M.	Lewistown
Moran, Michael F.	Altoona

Morningstar, Donald E.	York
Morris, Donald M.	Carlisle
Morris, Nancy J.	Fort Loudon
Morrow, Bertha I.	Newburg
Morsillo, Mary E.	Fairless Hills
Moser, Gerald L.	Waynesboro
Mouer, Carol E.	Shippensburg
Mowery, Gary G.	Lewistown
Moyer, William E.	Reading
Mozloom, John A.	St. Clair
Mullin, Ira L.	Alverton
Mumma, Grace A.	Mechanicsburg
Mummert, Joan Zimmerman	Newville
Murphy, John B.	Aliquippa
Murphy, Paul S.	Mechanicsburg
Murray, Doris L.	Franklinton
Myer, Teresa A.	Bareville
Myers, Darryl L.	Shippensburg
Myers, Eileen J.	New Oxford
Myers, Esther D.	Parkesburg
Myers, James L.	Mt. Union
Myers, Leonard	Philadelphia
Myers, Marian L.	Carlisle
Myers, Nancy J.	Newville
Nardecchia, M. Natalie	Johnstown
Nearhoof, Edward O.	Bellwood
Nearhoof, Sonya J.	Bellwood
Newkirk, Patricia A.	Altoona
Noel, John E.	Shippensburg
Noel, W. Theodore	Shippensburg
Nolan, Fredith E.	Newburg
Nolan, Georgianna L.	Newburg
Norris, Samuel G.	Shirleysburg
Northcraft, Audrienne L.	Artemas
Notestine, Jean L.	McVeytown
Notestine, Ronald E.	Lewistown
Nugent, Edward J.	Philadelphia
O'Brien, David I. Jr.	New Oxford
Ocker, Richard K.	Carlisle
O'Hara, JoAnne E.	Harrisburg
Orner, Jeanne M.	Bendersville
Orner, William F., Jr.	Harrisburg
Osman, Patricia Keach	Dover
Ott, Shirley A.	McConnellsburg
Over, Robert F.	Newville
Painting, Sydney C.	Philadelphia
Palmer, John F.	Laureldale
Palmer, Paul G. Jr.	Mann's Choice
Parfet, James A.	Harrisburg
Parks, Kenneth E.	Shippensburg
Parson, Johnny D.	Chambersburg
Passmore, Donna S.	Harrisburg
Patterson, Jack O.	Chambersburg
Patterson, Joan E.	Carlisle
Patton, William G.	Lewistown
Peiper, Clarence J.	Carlisle
Pennebaker, James D.	Chambersburg
Pennell, Christine M.	Shippensburg

- Peron, Donald G.
Perry, Jane A.
Persiponko, Joseph
Peters, Gerald F.
Peters, Kenneth D.
Peters, Norman E.
Peterson, Betty G.
Pettyjohn, Dawn F.
Phillips, Raymond G., Jr.
Phillips, Ruby M.
Picciallo, Michael A.
Picketts, William L.
Picking, Ralph H.
Piper, Charles L.
Piper, Mona L.
Piper, Robert E.
Piper, Sandra J.
Piper, Willis D.
Pittman, Lucretia A.
Pittman, Sharon G.
Plasha, Russell
Porter, Darlene A.
Pottorff, N. Ronald
Powell, Edward E.
Powers, J. Thenice
Price, James B.
Price, Priscilla M.
Price, Richard C.
Pringle, John A.
Pritchell, Carol G.
Prokop, John L.
Provard, Ronald H.
Prowell, James E., Jr.
Prowell, Reed
Purcell, Gerald E.
Querry, C. Ann
Quick, C. Rolland
Radakovich, Dolores
Raffensperger, Phyllis J.
Raffensperger, Shirley J.
Ramer, Alyce N.
Ramm, Donna L.
Ramper, Barry S.
Rankin, Elizabeth I.
Rebuck, Julia B.
Reed, Helena E.
Reed, Herbert, Jr.
Reed, Shirley F.
Reed, William A.
Reeder, Robert J.
Rehm, William P.
Reid, Robert G.
Reid, Thomas
Reisinger, Lynda J.
Remsburg, Barbara R.
Renn, Kathryn E.
Rhoads, Richard F.
Rhodes, Charles F.
Valencia
Lemoynne
Williamstown
Scotland
Beaver Springs
Chambersburg
Rockhill Furnace
Littlestown
Upper Darby
Shamokin Dam
Hackensack, New Jersey
Lewistown
Chambersburg
Shippensburg
Petersburg
Amberson
Shippensburg
Orrstown
Mercersburg
Waynesboro
St. Clair
Shippensburg
York
Chambersburg
Pittsburgh
Mechanicsburg
Altoona
Harrisonville
Harrisburg
Bellwood
Harrisburg
Waynesboro
Harrisburg
York
Lewistown
Chambersburg
Montrose
Monaca
Gettysburg
Camp Hill
Gettysburg
Waynesboro
Robertsdale
Six Mile Run
Shippensburg
Chester
Atlantic Highlands, N. Jersey
Hummelstown
Alexandria
McConnellsburg
Etters
Middletown
Middletown
York
Sharpsburg, Maryland
Harrisburg
Philadelphia
Three Springs

Rhodes, Fred E.	Altoona
Rhone, Larry A.	Shippensburg
Rice, B. Joan	Landisburg
Rice, Myrl L.	Carlisle
Rice, Robert E.	Narberth
Rice, Shelby J.	Harrisburg
Rice, Virginia M.	Narberth
Richard, Patricia J.	Lewistown
Richwine, Ross	Mt. Holly Springs
Rieger, Doris H.	Wallingford
Rinick, Henry B.	Chambersburg
Rion, Kail C.	Levittown
Rippel, Linda L.	Mechanicsburg
Robbins, Francis A.	Lansdale
Roberts, Joanne C.	Johnstown
Robinson, Mary J.	Carlisle
Rock, Robert S.	Chambersburg
Rock, Victor E.	Waynesboro
Rockwell, Lee E.	Mercersburg
Rockwell, Myers D.	Chambersburg
Rogers, Richard M.	Marysville
Rohland, Clyde G.	Harrisburg
Rojahn, Carl E.	Windsor
Roland, Ruth A.	Gettysburg
Roller, Carol A.	Harrisburg
Rosenbloom, Ronald S.	Altoona
Ross, John S.	Parkesburg
Roth, Joanne M.	Harrisburg
Rowles, John A.	Carlisle
Rozychi, Joan C.	Sunbury
Runkle, Margaret E.	Lewistown
Russell, Mary E.	Shippensburg
St. Clair, John W.	Mercersburg
St. Peter, William G.	Mechanicsburg
Sanderson, Kay L.	New Bloomfield
Santeusanio, Samuel J.	Steelton
Satterfield, James A.	Saxton
Satterfield, Rebecca A.	Hopewell
Satterfield, Robert G.	Saxton
Sauck, Richard W.	Port Murray, New Jersey
Saylor, Carl L.	Shippensburg
Scalamogna, Donald J.	Harrisburg
Schaffer, Paul A.	Millersburg
Scheetz, William	Wrightsville
Schenck, Fred C.	Greencastle
Schick, Edward J.	West Mifflin
Schildt, Robert L.	Waynesboro
Schmidt, Dolores A.	Enhaut
Schmidt, James M.	Shippensburg
Schmidt, Joanna C.	Shippensburg
Schmitt, Jay R.	Gettysburg
Schooley, Earl F.	McConnellsburg
Schroyer, Stewart G.	Aliquippa
Schucht, Samuel T.	Lewistown
Schwenk, Charles E.	Shippensburg
Schwenk, Joanne	Shippensburg
Scott, Gary B.	Waynesboro

- Sebastian, Richard A.
 Sellers, Margaret L.
 Shaeffer, Robert M.
 Shanholtz, Huberta C.
 Shank, Marilyn A.
 Shank, Patricia E.
 Sheaffer, Josephine L.
 Sheaffer, Lloyd J.
 Sheaffer, Ronald M.
 Shearer, Dale R.
 Shearer, Reginald S.
 Shears, Marian M.
 Sheetz, Charles L.
 Sheetz, Nancy C.
 Shellenberger, Mary A.
 Shellenberger, Preston C.
 Sherbine, Marlin C.
 Sherman, John H., Jr.
 Shetter, Sara R.
 Shifflett, Kenneth W.
 Schildt, Mary C.
 Shively, Alan H.
 Shoeman, Ernest K.
 Shoener, Barbara A.
 Shope, William G.
 Showalter, Gerald R.
 Shriner, Donald F.
 Shriner, Fred L.
 Shue, Peter J.
 Shuss, E. Alice
 Sieber, James L.
 Siegfried, Walter R.
 Simmons, Donald L.
 Simpson, Lorraine B.
 Sifers, Clayton J.
 Sites, John W. Jr.
 Sites, Lorraine U. D.
 Skerrett, Barbara L.
 Slaven, John J.
 Small, Fred G.
 Small, Myrlene M.
 Small, Robert E.
 Smarsh, John D.
 Smelser, Levi H., Jr.
 Smith, Cecelia E.
 Smith, Charles L.
 Smith, Donald A.
 Smith, Dotty J.
 Smith, Florence W.
 Smith, Kenneth A. Jr.
 Smith, Kenneth H.
 Smith, M. Louise
 Smith, Richard C.
 Smith, Richard E.
 Smith, Robert C.
 Smith, Robert H.
 Smith, Robert R.
 Smith, Virginia L.
 Harrisburg
 Chambersburg
 Harrisburg
 Lemoyne
 York Springs
 Shippensburg
 Oberlin
 Enhaut
 Lewistown
 Lewistown
 Carlisle
 Gettysburg
 Millersburg
 Blairsville
 Richfield
 York
 Portage
 Carlisle
 Biglerville
 Waynesboro
 Taneytown, Maryland
 Waynesboro
 Camp Hill
 Chatham, New Jersey
 St. Thomas
 Hopewell
 Fairfield
 Newburg
 York
 Breezewood
 Blairs Mills
 Enhaut
 Shippensburg
 Richmond Furnace
 Bellwood
 Fairfield
 Fairfield
 Cheltenham
 Altoona
 Altoona
 Hanover
 Chambersburg
 Chambersburg
 Shippensburg
 Mifflintown
 Riddlesburg
 Waynesboro
 Blain
 Shippensburg
 Lewistown
 Philadelphia
 Chambersburg
 East Berlin
 Chambersburg
 Lewistown
 Shippensburg
 Shippensburg
 Philadelphia

Smitheman, Thomas N.	Chester Heights
Smithers, Donald I.	Lewistown
Smyser, Joan K.	York
Snare, Ellis J.	Saxton
Snavely, Ronald L.	Waynesboro
Snider, Merle F.	St. Thomas
Snider, Ronald L.	Waynesboro
Snyder, Dorothy B.	Chambersburg
Snyder, Gerald L.	Greencastle
Snyder, Joanne C.	Littlestown
Snyder, Larry E.	Littlestown
Snyder, Nancy H.	Orbisonia
Snyder, Richard E.	Hagerstown, Maryland
Snyder, Wesley A.	New Cumberland
Snyder, William E.	Burnham
Sollenberger, Nancy J.	Williamsburg
Soost, Adrienne J.	Pittsburgh
Spade, Phyllis A.	Needmore
Spahr, Preston H., Jr.	Chambersburg
Spraglin, William E.	Carlisle
Stake, Newton S.	Chambersburg
Stankus, Donald P.	Uniondale
Stankus, Vincent G.	Uniondale
Stare, Lee C.	Mechanicsburg
Statler, James O.	State Line
Stenger, Edwin E.	Mercersburg
Stern, Patricia A.	Fairless Hills
Stewart, Fred R.	Amberson
Stewart, Glenn	Amberson
Stewart, Sandra J.	Drexel Hill
Stickell, Doris E.	Chambersburg
Stine, James E.	Mt. Holly Springs
Stock, Laura R.	Littlestown
Stone, Nancy M.	Harrisburg
Stoner, Donna G.	York
Stover, Joseph R.	Berrysburg
Strapple, Stanley J.	Nanty-Glo
Strassburger, Norma J.	Shippensburg
Strausser, Jan E.	Reading
Strausser, Ruth L.	Bridgeport
Stringer, Robert S.	Harrisburg
Strohecker, Jacqueline	Pottsville
Strohm, Joan C.	Shippensburg
Strohm, Robert A., Jr.	Shippensburg
Stuckey, Vernon S.	Waynesboro
Stum, Bonnie R.	Lemoyne
Stunkard, Nancy C.	Waynesboro
Stutts, Robert K.	Mifflintown
Sucic, Thomas, Jr.	Steelton
Sullivan, William R.	Waynesboro
Summers, R. Joe	Chambersburg
Sutton, Russel M.	Carlisle
Swanger, William G.	Newville
Swartley, Lois D.	Philadelphia
Swartz, Harold W.	Loysville
Swartz, Jeanne Y.	Shippensburg
Sweely, Harry D.	Carlisle
Sweeney, William M.	Mt. Holly Springs

Tarras, Kathleen C.	York
Taylor, James W.	Lewistown
Tenley, Carol L.	Defiance
Thomas, Joseph E.	Scranton
Thomas, Richard C.	York
Thompson, Joseph E.	Hollidaysburg
Tillett, Mary E.	Harrisburg
Timmons, Jesse D.	Newport
Timms, Albert F.	West Mifflin
Tolbert, Ralph E.	Chambersburg
Tomeo, Augie	Altoona
Towery, Marvin O.	Shippensburg
Trail, Margaret L.	Flintstone, Maryland
Traub, John H.	Mechanicsburg
Trexler, Donald L.	Altoona
Tritt, John E.	Shippensburg
Trone, Frederick W.	Altoona
Truckenmiller, Earl B.	Watsontown
Trueblood, Doris Nailor	Newville
Turban, Jacob D.	Shippensburg
Tyson, Edward E.	York
Ulrich, Dorothy S.	Harrisburg
Upperman, Jay T.	Chambersburg
Utterback, Margaret S.	Lansdowne
Vanover, Mary E.	Glen Rock
Ventresca, Benito D.	Philadelphia
Verdier, Harry B.	Mont Alto
Vokes, Robert D.	Hyde
Vovakis, James	Carlisle
Vucenich, Ted	Aliquippa
Waggoner, Keith A.	Mechanicsburg
Wagner, George W.	York
Walker, Kenneth C.	Carlisle
Walker, William B.	Chambersburg
Wallace, Marie R.	Wellsville
Waltermeyer, Rodney S.	York
Waltz, Donald L.	Enola
Warden, James M., Jr.	Harrisburg
Warner, Larry F.	Carlisle
Warren, May V.	Carlisle
Washingier, Kenneth C.	Chambersburg
Wasson, Barbara A.	Tyrone
Waters, Sara J.	Burnt Cabins
Watson, Edrie J.	Bellwood
Watson, Lynn A.	Waynesboro
Weagley, Wilma B.	Greencastle
Weast, Nancy A.	Minersville
Weaver, William L.	Shippensburg
Webb, Jack O.	Harrisburg
Weber, Virginia M.	Mechanicsburg
Weibley, Vance W.	Carlisle
Wertz, Jean B.	Meyersdale
Wertz, Miriam P.	Tyrone
Weston, C. Jane	Orbisonia
Whisler, Constance I.	Harrisburg
Whitaker, Portia	Camp Hill
White, Dolores G.	Langdondale
White, Ellis J.	Shippensburg

Whiteley, Karlene A.	New Castle, Delaware
Whitfield, James R.	York
Whitsel, Benjamin F.	Shirleysburg
Whitsel, Warren D.	Shirleysburg
Wickard, Ronald E.	Carlisle
Will, Wendell	Glenside
Williamson, Palmer H.	Shippensburg
Wilson, Carroll E.	Shippensburg
Wilson, Ray S., Jr.	Petersburg
Wilson, Vesta P.	Greencastle
Winegardner, Galen R.	Fort Littleton
Winters, Clyde W.	Shippensburg
Winters, Robert P.	Carlisle
Witherow, Barbara R.	Gettysburg
Witman, Wiletta C.	York
Witmer, Jack E.	Shippensburg
Wolf, Richard C.	Harrisburg
Wolfe, John P.	Shiremanstown
Wolford, H. Jolene	Chambersburg
Wolford, Robert G.	Chambersburg
Wood, Andrew P.	Harrisburg
Wright, Carl L.	Alexandria
Wright, Joyce A.	Millerstown
Wrightstone, Robert L.	Shiremanstown
Wyerman, Donald G.	Hollidaysburg
Yinger, Jay P.	York
Yoder, Robert L.	New Cumberland
Yoder, Robert T.	Lewistown
Yost, Harold E.	Hanover
Yost, Jane H.	Shippensburg
Young, Jeanne Y.	Bridgeport
Young, Sidney D.	Palmyra, New Jersey
Youtz, D. Eugene	Waynesboro
Zeger, Joyce M.	Fort Loudon
Zerfoss, Bettie J.	Friedens
Ziegler, Frederick D.	Greencastle
Zimmerman, Donald E.	Lemoyne
Zimmerman, H. Elizabeth	Harrisburg
Zimmerman, JoAnn	Lemasters
Zimmerman, Joy D.	Somerset
Zinobile, P. Joseph	Mt. Union

TENTATIVE CLASS OF 1956

Adams, Pauline C.
Allan, Sally J.
Allcorn, David R.
Allison, Kathleen L.
Angelucci, Andrew N.
Baer, Justin F.
Baker, Floyd A.
Baumgardner, Harry A., Jr.
Beard, Roberta A.
Bender, Nancy A.
Benner, Donna M.
Biddle, Glanard L.
Bowen, Susan L.
Boyd, Donald A.
Brechtel, Charles A.
Brenneman, Orr N.
Brunner, Mary A.
Burkett, Kenneth M.
Cain, Fred E.
Calhoun, Roxee L.
Cleary, Nancy A.
Clouse, Lee A.
Creasey, Helen A.
Creavey, Joan N.
Crouse, Richard J.
DiEsposti, John Jr.
Dinterman, Ralph R.
Ehlman, Dorothy J.
Edenour, Caroline
Felton, Bonnita M.
Fisher, Ida M.
Fowler, Robert H.
Frantz, David E.
Frushour, Gladys V.
Funk, Genevieve
Gaston, Gloria M.
Geedy, Josephine R.
Greenawalt, Gilbert L.
Guyer, Jay F.
Hake, Blanche E.
Handshaw, Margaret J.
Harpster, Joanne E.
Harpster, Mary A.
Heberlig, Edgar S.
Heckman, E. Luise
Heefner, Theodore C., Jr.
Henry, Bertram V.
Hill, Janice D.
Hockersmith, Joseph L.
Hoover, Evelyn F.
Iannucci, Lewis
Johnston, Joan B.
Kerchner, Ida M.
Kidd, Ralph F.
Kling, Janet L.
Knepp, John E.
Koppenhaver, Catherine P.
Kostukovich, Richard J.
Kretzing, Donald R.
Lash, Stark W. E.
Leigh, Virginia D.
Little, Charles G.
Long, Jacqueline S.
Lory, Esther S.
McBeth, Wilda W.
McCardle, Dollie F.
McGaughey, Patricia A.
Maclay, Charles W.
Magill, Kenneth D.
Manning, Thomas W.
Markley, John T.
Martin, Edith K.
Masemore, Ira G.
Mason, Mary C.
Melius, Melvin E., Jr.
Metcalf, J. Lorraine
Miller, Gladys S.
Miller, Larry G.
Miller, LaVonda J.
Minick, Susan R.
Minnick, Harry D.
Mooney, Mary L.
Moore, Edward C.
Moser, Gerald L.
Mozloom, John A.
Murray, Doris L.
Myer, Teresa A.
Naddeo, Dorothy I.
Neal, Anna L.
Nesbit, James C.
Nolan, Fredith E.
Northcraft, Audrienne L.
Nugent, Edward J.
Obermiller, E. Marie
Osman, Patricia K.
Palmer, Paul G., Jr.
Paylor, Elizabeth G.
Perry, Jane A.
Peters, Norman E.
Peterson, Alma J.
Purcell, Beulah H.
Raffensperger, Shirley J.
Reed, Herbert Jr.
Reese, Dorothy W.
Renn, Kathryn E.
Rice, Robert E.
Rion, Kail C.
Rhoads, Richard F.
Rice, Virginia S.
Rockwell, Myers D.
Rohland, Clyde G., Jr.
Rozycki, Joan C.

Runkle, Margaret E.
Satterfield, Rebecca A.
Scheetz, William M.
Schmidt, James M.
Shaeffer, Robert M.
Sharp, Mabel L.
Shears, Marian M.
Sherbine, Marlin C.
Shoener, Barbara A.
Shuss, Emma A.
Sleighter, Ethel D.
Smith, Florence W.
Smith, Robert R.
Snoke, Margaretta A.
Spahr, Preston H., Jr.
Spraglin, William E.
Stankus, Donald P.

Starner, Loline E.
Tribit, Donald K.
Trueblood, Doris N.
Ulrich, Dorothy S.
Ulsh, Florence S.
Verdier, Harry B.
Waggoner, Keith A.
Wallace, Richard N.
Weast, Nancy A.
Wertz, Miriam P.
Weston, Carol J.
White, Dolores G.
Whitfield, James R.
Winters, Darrell J.
Wyerman, Donald G.
Wynne, Joan B.
Yost, Jane H.
Zinobile, Pamfilo J.

GRADUATES OF 1955

NAME	ADDRESS	COUNTY & STATE
Ahlers, Ronald O.	R. D. 6, Carlisle	Cumberland, Pa.
Anderson, Mary A. Rhen	R. D. 1, Pine Grove	Schuylkill, Pa.
Anderson, Marylou	18 Hazelton St., Falls Church	Virginia
Aurand, Dale K.	R. D. 1, Lewistown	Mifflin, Pa.
Barnes, Isabelle K.	Rouzerville	Franklin, Pa.
Barnhart, Beverly A.	319 E. Hanover St., Hanover	York, Pa.
Bergresser, Inez F.	Waterfall	Fulton, Pa.
Bickel, Donald E.	785 Baltimore St., Gettysburg	Adams, Pa.
Biecher, Glenda Leeper	1233 Coldbrook Ave., Chambersburg	Franklin, Pa.
Bitner, Joanne L.	50 N. Seventh St., Chambersburg	Franklin, Pa.
Bock, Lois Shank	22 S. Prince St., Shippensburg	Cumberland, Pa.
Boettcher, Patricia A.	1106 Fifth Ave., Spring Lake	New Jersey
Bollen, Stanley F.	656 Schuylkill St., Harrisburg	Dauphin, Pa.
Bock, Martha Loy	128 E. Orange St., Shippensburg	Cumberland, Pa.
Boretos, Pauline A.	401 Verbeke St., Harrisburg	Dauphin, Pa.
Bowling, James M.	710 Maple St., Waynesboro	Franklin, Pa.
Bowman, A. Winifred	1614 Woodmere Way, Havertown	Delaware, Pa.
Bressler, G. David	108 Maple Ave., Wilmerding	Allegheny, Pa.
Brickner, Gloria A.	56 S. Madison St., Harrisburg	Dauphin, Pa.
Cable, Nancy J.	116 E. King St., Shippensburg	Cumberland, Pa.
Carter, Anna L.	217 N. Front St., Steelton	Dauphin, Pa.
Cisney, Joretta J.	211 E. King St., Shippensburg	Cumberland, Pa.
Clever, Dorothy A.	Route 2, Shippensburg	Cumberland, Pa.
Clouse, Madeline J.	39 Parsonage St., Newville	Cumberland, Pa.
Coble, Wanda E.	1979 Bannister St., York	York, Pa.
Coder, Charles E.	3107 Spruce St., Altoona	Blair, Pa.
Colston, Victoria I.	144 S. Pershing Ave., York	York, Pa.
Cooper, Charlotte	2114 N. Third St., Harrisburg	Dauphin, Pa.
Corkle, Violet Schwartz	E. Orange St., Shippensburg	Cumberland, Pa.
Creager, Max E.	Route 1, Waynesboro	Franklin, Pa.
Creamer, Joseph R.	West End Apts., Lloyd Ave., Downingtown	Chester, Pa.
Daley, David J.	Scotland	Franklin, Pa.
Eby, Iona R.	36 W. Main St., Elizabethtelle	Dauphin, Pa.
Eckard, M. Nelson	Box 694, Lewistown	Mifflin, Pa.
Eigenbrode, Richard D.	R. D. 2, Waynesboro	Franklin, Pa.
Failor, James C.	Box 84, Lemasters	Franklin, Pa.
Feather, John R.	2210 McKleroy Ave., Anniston	Alabama
Forrester, Laura J.	Scotland	Franklin, Pa.
Freet, G. Emory, Jr.	1222 Market St., Duncannon	Perry, Pa.
George, Kenneth L.	1 Water St., Robertsdale	Huntingdon, Pa.
Gibboney, Anna C.	33 Glenn St., Chambersburg	Franklin, Pa.
Gingerich, Lois E.	R. D. 6, York	York, Pa.
Glunt, William C.	327 Walnut St., Shippensburg	Cumberland, Pa.
Goodling, Robert E.	Cocolamus	Juniata, Pa.
Greenholt, Shirley F.	3342 N. 13th St., Philadelphia 40	Philadelphia, Pa.
Grubb, Anna M.	145 East St., Williamstown	Dauphin, Pa.
Cruver, Martha L.	72 N. 18th St., Harrisburg	Dauphin, Pa.
Gunnet, John A.	R. D. 1, Spring Grove	York, Pa.
Hagyard, John H.	1122 Pine St., Philipsburg	Centre, Pa.
Hall, Elizabeth J.	R. D. 4, Gettysburg	Adams, Pa.
Harper, Albert S., Jr.	106 Rolling Lane, Levittown	Bucks, Pa.
Harris, Freda M.	McConnellsburg	Fulton, Pa.
Hawk, Kenneth L.	6 Stephen Place, Hanover	York, Pa.
Helman, Thomas R.	Box 117, Marion	Franklin, Pa.
Hench, Robert R.	R. D. 1, New Bloomfield	Perry, Pa.
Hengst, Harold W.	R. D. 2, Bedford	Bedford, Pa.
Herr, Edwin L.	37 N. East St., Carlisle	Cumberland, Pa.
Hess, Shirley A.	428 Electric Ave., Lewistown	Mifflin, Pa.
Hess, Wilma Metcalfe	245 S. Main St., Mercersburg	Franklin, Pa.
Hill, Jane L.	414 Conewango Ave., Warren	Warren, Pa.
Hock, Ruth E.	R. R. 1, Shippensburg	Cumberland, Pa.
Hoke, June M.	2810 N. George St. Ext., York	York, Pa.
Holbert, Elva Swartz	3599 Green St., Harrisburg	Dauphin, Pa.
Hutchison, James F.	245 Rockglen Road, Philadelphia 31	Philadelphia, Pa.
Ingels, Charles R.	212 E. North St., Waynesboro	Franklin, Pa.
Judge, John A.	16 Park Circle, Camp Hill	Cumberland, Pa.
Karam, Mary Louise V.	87 N. Main St., Cortland	New York
Keyes, Sterling S.	56 Brown's Lane, Fair Haven	New Jersey
King, Nancy A.	Box 120, Espy	Columbia, Pa.
King, Norma H.	202 E. King St., Shippensburg	Cumberland, Pa.
Kline, Margaret Y.	State Hospital, Harrisburg	Dauphin, Pa.

NAME	ADDRESS	COUNTY & STATE
Klock, Beverly J.	R. D. 6, York	York, Pa.
Kosier, Gladys L.	717 Main St., Lykens	Dauphin, Pa.
Lease, Mary K.	450 Pennsylvania Ave., York	York, Pa.
Lefever, Melvin E.	201 Jackson St., Lancaster	Lancaster, Pa.
Leonhard, Ronald R.	400 N. Market St., Duncannon	Perry, Pa.
Ludwig, Catharine M.	R. R. 1, Chambersburg	Franklin, Pa.
McDermott, John J.	312 S. Fourth St., Chambersburg	Franklin, Pa.
McGehee, Edwin R.	1111 Scotland Ave., Chambersburg	Franklin, Pa.
McLamb, Larric H., Jr.	23 S. 16th St., Harrisburg	Dauphin, Pa.
McMullen, Helen	Shade Gap	Huntingdon, Pa.
Mahoney, Nora Belle	2812 Beale Ave., Altoona	Blair, Pa.
Marsh, Fred	O'Neill Ave., Hanover	York, Pa.
Maurer, Albert I.	Brandthauem Apts., R. R. 3, Lebanon	Lebanon, Pa.
Meade, Maureen G.	708½ Third Ave., Bradley Beach	New Jersey
Meckley, Shirley M.	Fort Loudon	Franklin, Pa.
Meily, Richard H.	452 E. King St., Shippensburg	Cumberland, Pa.
Mell, Nancy L.	R. D. 6, Carlisle	Cumberland, Pa.
Miles, Ada L.	Amaranth	Fulton, Pa.
Miller, Barbara A.	31 N. 17th St., Harrisburg	Dauphin, Pa.
Miller, Barbara A. Koehler	3813 Locust Lane, Harrisburg	Dauphin, Pa.
Miller, Charles L.	378 Center St., Millersburg	Dauphin, Pa.
Minick, Glenn S.	R. D., Orbisonia	Huntingdon, Pa.
Morgart, Donald T.	311 E. Main St., Roaring Spring	Blair, Pa.
Murdoch, George W.	303 Ryan Drive, Pittsburgh 20	Allegheny, Pa.
Neady, Frances A.	135 Northeast Ave., Waynesboro	Franklin, Pa.
Neiswenter, Janet Faust	501 S. Market St., Mechanicsburg	Cumberland, Pa.
Nicholson, Robert E.	21 E. Orange St., Shippensburg	Cumberland, Pa.
Osman, Richard E.	R. D. 3, Dover	York, Pa.
Pearson, Nathan P.	201 S. Washington St., Rockville	Maryland
Pender, Mary S.	1279 Roosevelt Ave., Salt Lake City	Utah
Peters, Paul W.	Fayetteville	Franklin, Pa.
Plack, Annabelle R.	551 Radnor St., Apt. No. 1, Harrisburg	Dauphin, Pa.
Reber, Ray W.	20 S. Tenth St., Reading	Berks, Pa.
Reeder, Marcia N.	104 S. Mann Ave., Yeagertown	Mifflin, Pa.
Replogle, Carol Hartman	Legion Apts., Spring Grove	York, Pa.
Rice, James F.	1309 Seventeenth St., Altoona	Blair, Pa.
Ricketts, Janet L.	1621 Ridgeway Road, Havertown	Delaware, Pa.
Roberts, Carol A.	Third St., Summerdale	Cumberland, Pa.
Roll, Franklin D.	226 W. Shirley St., Mount Union	Huntingdon, Pa.
Rowan, John E.	744 S. 21st St., Harrisburg	Dauphin, Pa.
Rupert, Gary D.	R. R. 2, Chambersburg	Franklin, Pa.
Rupert, Joanna Heberlig	R. R. 2, Chambersburg	Franklin, Pa.
Sauter, Charles F.	2430 Merser St., Harrisburg	Dauphin, Pa.
Schell, Virginia L.	321 Hummel Ave., Lemoyne	Cumberland, Pa.
Schneider, Ernst F.	357 W. North St., Carlisle	Cumberland, Pa.
Seifert, Helen H.	116 W. Spencer St., Philadelphia 20	Philadelphia, Pa.
Seilhamer, Richard L.	R. D. 5, Chambersburg	Franklin, Pa.
Seip, Marjorie	1217 Allen St., Allentown	Lehigh, Pa.
Sgrignoli, Irene E.	R. D. 4, Mechanicsburg	Cumberland, Pa.
Simcox, Nancy	226 Bailey St., New Cumberland	Cumberland, Pa.
Steele, William T.	R. D. 3, Mechanicsburg	Cumberland, Pa.
Sternner, Jeanne Thrust	256 Baltimore St., Hanover	York, Pa.
Stevens, Edward A.	R. D. 1, Dauphin	Dauphin, Pa.
Stewart, Billy L.	Amberson	Franklin, Pa.
Stoke, Anna W.	R. D. 1, Harrisburg	Dauphin, Pa.
Stouffer, Thomas G.	R. D. 2, Greencastle	Franklin, Pa.
Swartz, Edwin E.	29 N. East St., Carlisle	Cumberland, Pa.
Sykes, Jack M.	306 Graham St., Harrisburg	Dauphin, Pa.
Teitrick, Suzanne E.	Box 21, Carlisle	Cumberland, Pa.
Tolbert, Rodney N.	155 W. High St., Carlisle	Cumberland, Pa.
Trueblood, Cecil R., Jr.	910 Poplar Ave., Hollidaysburg	Blair, Pa.
Verdier, Joseph N.	240 W. Main St., Waynesboro	Franklin, Pa.
Wasson, John L.	618 W. 13th St., Tyrone	Blair, Pa.
Webber, Hazel I.	R. R. 5, Chambersburg	Franklin, Pa.
Weikert, S. Mahlon	27 Park Ave., Littlestown	Adams, Pa.
Whitsel, Donald R.	R. D. 2, Lewistown	Mifflin, Pa.
Williams, Grace M.	R. R. 1, Gettysburg	Adams, Pa.
Wilson, Joan L.	Warriors Mark	Huntingdon, Pa.
Winemiller, Marian L.	680 Dallas St., York	York, Pa.
Yoskowitz, Selma	1202 Fourth Ave., Asbury Park	New Jersey
Zechman, Ronald E.	45 S. Earl St., Shippensburg	Cumberland, Pa.
Zimmerman, Carolyn G.	403 Hummel Ave., Lemoyne	Cumberland, Pa.
Zimmerman, Roberta	Lemasters	Franklin, Pa.

SHIPPENSBURG ADVANTAGES

Located in the Beautiful Cumberland Valley

Reached Easily by Car, Bus, or Railroad

Beautifully Landscaped Campus

Spacious Swimming Pool

Two Athletic Fields

Ten All-weather Tennis Courts

Extensive Extra-Curricula Program

Student Activity Building

New Gymnasium

Beautiful Memorial Auditorium

New Laboratory School Building

Modern Heating Plant

New Science Building

New and Up-to-Date Science Laboratories

Modern Business Machines

Competent Faculty

Fully Accredited by

Regional and National Accrediting Agencies

An Outstanding Library

Friendly Spirit

**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. Dennis Dancers
Charles O'Connel, Author, Conductor, Lecturer
The Dennis-Shawn Dancers
Evelyn MacGregor, Contralto
The National Symphony Orchestra
The Westminster Choir
Mario Braggiotte, 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 Boys
Morley and Gearheart, Duo Pianists
The Revelers, Male Quartet
Rawn Spearman, Tenor
The Tamburitzans
Don Cossack Chorus
Philadelphia Windwood Quintet
Stratford, Ontario, Canadian Players
Dwight Cooke, of C. B. S.

I N D E X

	Pages
Academic Progress	44
Accreditation	13
Administrative Officers	12
Admission Requirements	42
Advanced Standings	43
Alumni	102
Alumni Advisory Council	104
Alumni Executive Committee	103
Alumni Loan Fund	40
Art Course Descriptions	65
Athletics	26
Awards and Scholarships	38
Board of Control	6
Board of Trustees	6
Buildings	14
Business Course Descriptions	67
Business Education Courses	61
Business Education Curriculum	60
Certification of Teachers	48
Class of 1955	123
Clubs	28
College Calendar for 1956-1957	5
Commencement	48
Costs Summary	37
Curriculums	50
Curriculum Selection	50
Dental Hygienists Curriculum	63
Deposits for Reservations	35
Dramatics	27
Education Course Descriptions	71
Elementary Course Descriptions	73
Elementary Education Courses	52
Elementary Curriculum	51
English Course Descriptions	75
Faculty Advisors	48
Faculty Members	7
Fees and Costs	32
Fees, Payments	36
Foreign Language Course Descriptions	84

I N D E X

	Pages
Geography Course Descriptions	79
Graduates of 1954	125
Graduation	47
Health and Physical Education Course Descriptions	83
Information, General	14
Insurance	18
Keys	21
Laboratory School	12
Laundry	20
Loan Fund	40
Marking and Point System	45
Mathematics Course Description	87
Music Course Description	66
Music Organizations	25
Nurse Curriculum	64
Placement	49
Purpose of College	22
Scholarships and Awards	38
Science Course Description	89
Secondary Courses	55
Secondary Curriculum	54
Shippensburg Advantages	127
Social Studies Course Descriptions	95
State Council of Education	6
Student Government	24
Student Publications	27
Student Roster	106
Student Teaching	46
Summer Sessions	20
Telephone Service	21
Tests	43
Withdrawal Notice	21