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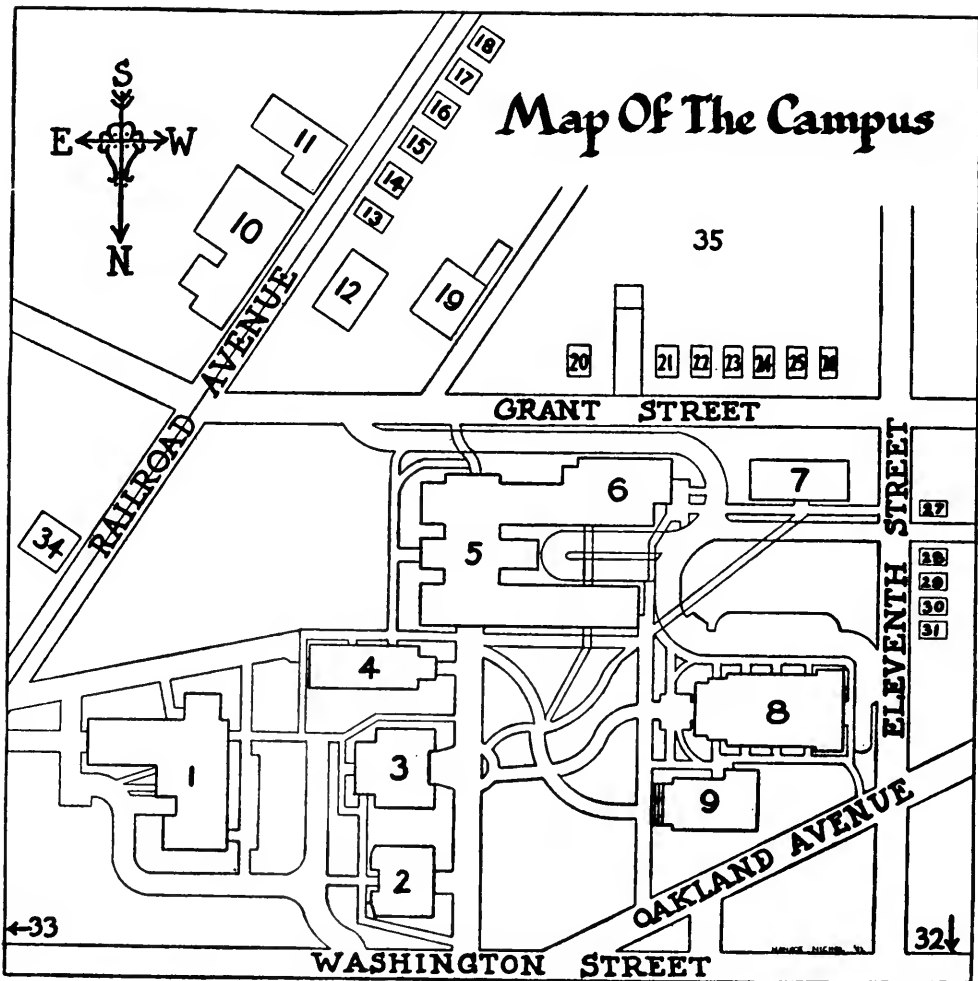


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STATE TEACHERS COLLEGE INDIANA PENNSYLVANIA

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### Key to Buildings

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. Laboratory School            | 21. Hood Cottage               |
| 2. Wilson Hall, College Library | 22. Jamison Cottage            |
| 3. Leonard Hall                 | 23. Activities Cottage         |
| 4. Arts Building                | 24. Vinton Cottage             |
| 5. John Sutton Hall             | 25. Kunkle Cottage             |
| 6. Thomas Sutton Hall           | 26. Brant Cottage              |
| 7. Clark Hall                   | 27. Whitmyre Cottage           |
| 8. Auditorium                   | 28. Home Management House      |
| 9. Gymnasium                    | 29. Home Management House      |
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| 11. Shop Building               | 31. Lewis Cottage              |
| 12. Greenhouse                  | 32. Phi Alpha Zeta Fraternity  |
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| 20. Cottage and Team House      | 35. Athletic Field             |

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LOOKING DOWN NORTH WALK

# Teachers College Bulletin

Volume 49

MAY, 1943

Number 2

STATE TEACHERS COLLEGE  
INDIANA, PENNSYLVANIA

## SUMMER SESSIONS

Pre-Session June 7 to June 25

Regular Session June 28 to August 7

Post-Session August 9 to August 27

1 9 4 3

THIS COLLEGE IS A MEMBER OF THE  
AMERICAN ASSOCIATION OF TEACHERS COLLEGES  
and  
THE MIDDLE STATES ASSOCIATION OF COLLEGES  
AND SECONDARY SCHOOLS

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# ADMINISTRATIVE OFFICERS & FACULTY OF SUMMER SESSIONS, 1943

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RALPH E. HEIGES.....Dean of Instruction  
and Director of Summer Sessions  
RALPH B. BEARD.....Assistant to the Dean of Instruction  
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JOHN E. DAVIS.....Director of Student Teaching,  
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HAROLD L. CAMP.....Director of Extension  
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RUTH V. BRENNEMAN.....Science

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FLORENCE WALLACE	Social Studies
ROBERT F. WEBB	Business Education
W. M. WHITMYRE	Social Studies
KATHERINE H. WILKEY	Business Education
NORAH E. ZINK	Geography

## SUMMER SESSIONS OF 1943

For many years the summer sessions have been an important part of the program at Indiana. The acceleration demanded by the war will bring the sessions of 1943 closer in spirit to the regular college program than ever before. The same courses are offered, so far as demand justifies, as are given in the regular year; the same time is spent on each course; and the same credit is given. In addition, courses not regularly scheduled are offered in the summer so that every student may secure the work that satisfies his needs.

There will be one session of three weeks, beginning on June 7, followed by a session of six weeks, and then another of three weeks. Either or all sessions may be attended, making it possible to earn three, six, nine, or twelve credits. All students will find desirable courses in the fields of elementary and secondary education as well as in the special fields of art, business education, home economics, and music education. The particular groups whose interests have been kept in mind in preparing the summer program are these:

**STUDENTS ACCELERATING** their programs will be able to complete the entire course in three calendar years. Acceleration means attending the same number of weeks as always but using twelve weeks each summer to eliminate one full year of college work. High school graduates of 1943 may finish in 1946. It is hoped that young men may thus be able to complete some college work before they reach military age.

**TEACHERS IN SERVICE** who wish to renew their State Standard Limited Certificates or other limited certificates will find courses enabling them to keep certificates valid.

**TEACHERS RETURNING TO SERVICE** will find refresher courses available so that they may feel confident in their ability to give children the instruction they deserve.

**EXTENSION OF CERTIFICATION** to other fields by former graduates will be possible through the wide variety of courses offered. This will enable graduates to prepare for

teaching in fields where there is an acute shortage of certified personnel.

**PERMANENT CERTIFICATION** may be accomplished through the acquisition of six semester hours necessary to make permanent the Provisional College Certificate.

**AERONAUTICS FOR TEACHERS** will be offered as a means of preparing secondary teachers to give the pre-flight aeronautics course in high schools. All the instruction will be given by government-rated instructors under the supervision of the Civil Aeronautics Administration.

## RELAXATION PROGRAM

The Dean of Women will give a **Social Tea** on Thursday mornings during the free period on the East Porch. An opportunity is afforded for students to relax and to greet friends while having a "pick-up" at the same time.

**Movie Programs** have been scheduled for both afternoons and evenings. The afternoon performances have been planned especially for the commuting students and for those living in town. A new projection machine has just been added to the equipment of the new auditorium.

**The Summer Session Concert Band** will play informally on the East Campus during the regular session. Membership is open to interested people with musical talent.

Several **Campus Picnics** will enable students to get better acquainted with each other. The first evening meal of each of the three periods of the summer session will be given over to a picnic served buffet style in the grove. Movies and games will follow.

Former students will recall with pleasure the **Bingo Parties** on the South Campus. Always very popular, they will be held more often this summer with prizes for many winners.

**The President's Garden Party** will be given during the fifth week of the regular session. Refreshments will be served on the East Campus, weather permitting. Long dresses for

women and sport clothes for men will be appropriate for this formal affair.

**Lodge Hikes** with steak fries have been well attended in the past and will be offered as often as desired this summer, Uncle Sam permitting. Usually led by a faculty member, the hike takes half an hour to reach the lodge from campus. Students may play games, sing, or just lounge in comfort at the College Lodge.

**Sports and Games** on the campus will be expanded with a director in charge during the afternoon and early evening. Darts, horseshoes, swimming, volley-ball and similar games will provide student enjoyment. The green fronting Clark Hall will be used for set-up parties. Bicycles may be rented at any time at the gymnasium.

**Golf**, popular in the past, will again be available at the Old Fort Course. We expect to be able to provide transportation. Bring your own clubs if you have them; if not they can be rented at the gymnasium. Green fees are low. Group lessons will be offered to beginners at nominal cost.

The college expects to have a **Horse-drawn Lorry** available for student transportation to the Lodge, for golf, and to nearby places.

The **Lecture Program** will include several outstanding personalities to be presented in formal evening programs at the college auditorium. The programs will emphasize different aspects of the world situation, education in the war effort, and the contribution that each individual may make in his own way. The "I" Activity card admits to all numbers on the Entertainment Program.



THE STEAKS (?) ARE COOKING



TWILIGHT ACTIVITIES

## GENERAL INFORMATION

**Indiana's Summer Climate.** The location and climate of Indiana make it an ideal place for summer session attendance. Situated on a plateau at an elevation of 1300 feet the campus receives cooling breezes from the prevailing westerly and southwesterly winds. The low average maximum temperature of approximately 85 degrees F. combined with light precipitation makes this an ideal summer climate — few sultry, torrid days, no stuffy sleepless nights.

**Registration.** Students are expected to register on the first day of each session. All questions pertaining to fees, programs of classes, and room assignments should be settled so that classes may run full time on Tuesday following registration. Those wishing credits evaluated should see the Dean of Instruction.

Registration for Pre-Session—Monday, June 7

Registration for Regular Session—Monday, June 28

Registration for Post-Session—Monday, August 9

The dormitories will not be open for students until registration day, June 7. All baggage and trunks will be received in the basement of John Sutton Hall from where porters will deliver them directly to student rooms. Baggage should be plainly marked with names and room numbers if assignments have been made. Students living in cottages should mark their baggage with the street address so that the college truck can make speedy deliveries.

On arriving students should:

1. See the Registrar in Reception Hall and pay fees.
2. See the Dean of Women or Dean of Men and get room assignments.
3. Get programs made out in Recreation Hall or in the office of the director of special departments.

4. Secure books at the bookroom as soon as texts are specifically designated for courses taken.

**Class Hours.** In general all class work will be completed before noon. Classes begin at 7:30 and close at 12:05, each period being 90 minutes, including the time for changing classes. Some laboratory periods, field trips, practice periods for musical organizations, and similar activities are conducted in the afternoon. Every student should make certain that he can adjust his time to these periods as arranged before making his program.

There will be no Saturday classes.

Eastern War Time will be followed.

**Student Living Conditions.** Indiana is characteristically a boarding institution in the sense that it provides living accommodations for its students. Those who live in Indiana and vicinity are enrolled as day students. The excellent roads leading to Indiana enable many more students to live at home than was formerly the case. All students who are not living at home are required to live at the college. Students whose homes are not in Indiana and who desire to live with relatives in Indiana as day students must have the approval of the President in advance of registration. Under no circumstances are students permitted to room or board with private families who are not relatives.

Slight illnesses are cared for in the college infirmary without charge for a period of three days. After three days, a charge of one dollar per day is made. This charge includes the regular nurse and medical services, but does not include special nurse or special medical service.

Students and teachers are responsible for meals of their guests at current transient rates. Only young women of college age may stay in campus buildings overnight; they must be registered with the Dean of Women by the person or persons entertaining them.

All students who live in the college must provide themselves with blankets, as the college furnishes only the linen and

counterpanes. Each student must also provide window curtains, table napkins, soap, towels, and needful toilet articles.

**Clothing.** To properly enjoy activities of a sports nature, women students will find slacks and comfortable shoes for hiking and First Aid classes, swimming suits, and shorts for tennis very useful.

Summer activities also include a garden party for which a summer evening dress is suitable. For all other occasions, cool, comfortable dresses and spectator sports clothes will fill all needs.

**Banking Convenience.** The Student Co-operative Association has added to its services the operation of the so-called student spending-fund bank. This is a form of convenience to students in that they may deposit their money in this fund and draw on it throughout the summer session as needed. On account of the expense involved for insurance, a nominal charge of ten cents per term is made.

**Student Teaching.** Student teaching will be provided for a limited number of candidates who meet the requirements that have been in force for several years. No student is granted student teaching at Indiana until he has had at least one semester of resident work during which he has passed 16 or more semester hours with at least a C average and no failures. To do student teaching in summer school the student must meet the above requirements, be a candidate for a degree, and have had at least eight years' teaching experience. The only exception to this experience requirement is in the case of a student who has previously done a full semester of student teaching on the campus and who wishes to secure the additional teaching credit for his degree or for certification in another field. Because of these high requirements much opportunity is available for observation and for participation in discussions on the principles underlying certain types of teaching.

**Placement Service.** The services of the Placement Bureau are available to all students of the college who receive certification. The directors of the various departments take

active interest in the placement of their graduates. Co-ordination of effort is secured through a central committee. The Bureau supplies credentials to employers who are seeking applicants for positions and serves as a center where graduates may keep their records up-to-date. Alumni are using the Bureau increasingly. Teaching positions are not guaranteed by the college, but Indiana's record of placement is among the very best in Pennsylvania.

# SUGGESTED FRESHMAN PROGRAMS SUMMER 1943

(by Departments)

Department	Pre-Session	Regular Session	Post-Session
Art	The Place and Purpose of Education	English I <b>and</b> Design <b>or</b> Drawing <b>and</b> Appreciation of Music	Literature II
Business	Program to be arranged to meet needs.		
Elementary	The Place and Purpose of Education <b>or</b> Biological Science I	English I <b>and</b> Principles of Geography <b>or</b> College Algebra <b>or</b> Biological Science II	Literature II <b>or</b> Appreciation of Art
Home Economics	The Place and Purpose of Education	Inorganic Chemistry <b>and</b> Clothing I <b>or</b> English I	Literature II
Music	The Place and Purpose of Education	English I History of Civilization	Literature II <b>or</b> Appreciation of Art
Secondary	The Place and Purpose of Education	English I <b>and</b> Principles of Geography <b>or</b> College Algebra <b>or</b> Biological Science II	Literature II Economic Geography

## COURSES FOR THE SUMMER SESSIONS

The six curricula offered at Indiana are not published in this bulletin. They are printed in full, with brief description of each course, in the 1943-1944 catalog, a copy of which may be secured on request. Any course in any curriculum will be taught in the summer sessions if there is sufficient demand. The courses actually given will depend on the requests and the enrollments in the classes. It is very important, therefore, that students make known their requests in advance in order that the desired courses may be given. Where classes are

overloaded preferences will be given to those who have made earliest requests.

Every student, therefore, who expects to attend summer school should **fill out and return** the enclosed card. This will help the administration in the selection of courses and will help the student by providing those courses that will be desired. The courses listed on page 13 for freshmen and those on the center pages of this bulletin will be offered, as will any other courses for which there are enough advance requests. Except in the case of special subjects or majors in the secondary field, ten students are usually necessary to justify the continuance of a class. The college will be under no obligation to give any course in which fewer than ten students are enrolled on opening day.

## SPECIAL INFORMATION ABOUT THE DEPARTMENTS

The titles of the courses to be given appear in the lists on pages 13, 16 and 17. A brief discussion of some of the more unusual features in each department is given below. Re-arrangement of courses or other necessary readjustments will be made in the effort to meet the needs of individuals. Descriptions of regular courses may be found in the general catalog. Only new or unusual courses are specifically mentioned here.

### AERONAUTICS DEPARTMENT

An aeronautics department was approved for Indiana in recent months. It is now possible to have "Aeronautics" written on a certificate upon the successful completion of 18 semester hours of work prescribed by the Civil Aeronautics Administration. Indiana has been giving Civilian Pilot Training since July, 1940 and is therefore prepared to give adequate instruction at once. During the twelve weeks summer session it will be possible to acquire 12 semester hours credit in aeronautics.

**Pre-flight Aeronautics for Teachers.** This course will be a general survey of the whole field of aeronautics leading to the issuance of a private pilot's license and will follow an

outline prescribed by the Civil Aeronautics Administration. The subjects covered will be Civil Air Regulations, Navigation, Meteorology, General Servicing and Operating of Aircraft.

**Climatology.** This new course, like Meteorology, is of particular value to aeronautics teachers and persons interested in meteorology and weather observation professions.

**Aerial Navigation.** This course is designed to acquaint aeronautics teachers with the principles of Navigation. Problems are executed on regulation maps of the Civil Aeronautics Administration and facility is attained in the use of various types of computers.

**Meteorology.** This course deals with weather prediction and interpretation. It is of particular interest to teachers of aeronautics and is particularly available for prospective candidates for positions as meteorologists and weather observers.

**General Service and Operation of Aircraft.** This course will be given by a flight instructor and deals with the problems of flight, a study of the stresses on the structure and the problems of aircraft maintenance.

It is believed that a person having had College Algebra and a course in College Physics will receive 6 hours credit towards certification in this field. With these 6 hours which a student may already have plus the summer courses, it will be possible to complete the field of certification in Aeronautics.

#### ART DEPARTMENT

The Art Department is geared to the war program. Summer sessions are planned to help students complete the regular course of study in art education in order to help the teacher shortage. Now as never before the United States needs intelligent persons of strong moral fiber to teach and to lead youth into constructive citizenship.

High school graduates who are undecided as to their life vocation may find the answer to their perplexing question in summer art courses. This work will count toward a degree.

**COURSES — SUMMER 1943**

<p align="center"><b>PRE-SESSION</b> June 7 — June 25</p>	<p align="center"><b>REGULAR SESSION</b> June 28 — August 7</p>	<p align="center"><b>POST SESSION</b> August 9 — August 27</p>
<p><b>AERONAUTICS DEPARTMENT</b> Pre-Flight Aeronautics Course for Teachers</p>	<p>Meteorology Air navigation</p>	<p>Climatology General Servicing and Operation of Aircraft</p>
<p><b>ART DEPARTMENT</b> Costume Design (2 Hrs.) Handicrafts (2 Hrs.) Industrial Arts (2 Hrs.) Theater Arts</p>	<p>Appreciation of Art (2 Hrs.) Art I Art II Crafts in the Elementary School</p>	<p>Color Design Drawing Painting</p>
<p><b>BUSINESS EDUCATION DEPARTMENT</b> Business Organization and Finance Psychology of Method in Business Courses Shorthand II Typewriting III Bookkeeping II Clerical Practice and Machines</p>	<p>Tests and Measurements in Business Courses</p> <p>-----</p> <p>Retail Selling III Economics II</p> <p>-----</p> <p>Business Mathematics II Business Correspondence</p> <p>-----</p> <p>Clerical Practice and Machines Stenographic Office Practice Bookkeeping I</p>	<p>Business Law I Business Law II</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>Retail Selling III</p>
<p><b>EDUCATION DEPARTMENT</b> Early Childhood Education Educational Measurements (2 Hrs.) General Psychology Place and Purpose of Education School Law (1 Hr.)</p>	<p>Adolescent Psychology Children's Literature and Story Telling Diagnostic and Remedial Instruction in Reading Early Childhood Education Teaching of English Choral Speaking</p>	<p>Choral Speaking Diagnostic and Remedial Instruction in Reading Ethics</p>
<p><b>ENGLISH DEPARTMENT</b> Literature I World Literature</p>	<p>Contemporary Poetry (2 Hrs.) English I English II Journalism (2 Hrs.) Modern Drama Spanish I Spanish II</p>	<p>Literature II World Literature</p>
<p><b>FOREIGN LANGUAGE DEPARTMENT</b> Spanish I</p>	<p>Literature I Literature II Shakespeare World Literature</p>	

<p><b>HEALTH EDUCATION DEPARTMENT</b>            First Aid (2 Hrs.)            Health Education I (2 Hrs.)</p>	<p><b>Climatology</b>            Economic Geography            Geography of Latin America</p>	<p><b>Meteorology</b>            Principles of Geography</p>	<p>Health Education II (½ Hrs.)            First Aid (2 Hrs.)            Teaching of Health (2 Hrs.)            Clinic in Home Economics Education            Clothing I            Clothing II (2 Hrs.)            Clothing IV (2 Hrs.)            Clothing and Textiles            Conservation of Natural Resources—Food Supplies            Home Management I (4 Hrs.)            Home Management III (2 Hrs.)            Nutrition Education (1 Hr.)            Special Problems in Clothing            Special Problems in Foods</p>	<p>Health Education I (2 Hrs.)            Health Education II (2 Hrs.)            Applied Design II            Diet in Disease            Nutrition</p>
<p><b>HOME ECONOMICS DEPARTMENT</b>            Child Development (2 Hrs.)            Education for Family Living            Home Management III (1 Hr.)            Nutrition Education (1 Hr.)            Diet in Disease</p>			<p>Home Economics Education            IV (2 Hrs.)</p>	
<p><b>LABORATORY SCHOOL</b></p>			<p>Observation (no credit)            Refresher Course for Teachers in Service (see page 25)            Student Teaching—Elementary and Secondary (2, 4, or 6 Hrs.)</p>	
<p><b>MATHEMATICS DEPARTMENT</b></p>			<p>College Algebra            Curriculum in Arithmetic (2 Hrs.)            Trigonometry            Teaching of Junior-Senior High School Mathematics</p>	
<p><b>MUSIC DEPARTMENT</b></p>			<p>Advanced Choral Conducting            Advanced Instrumental Conducting            Appreciation of Music (2 Hrs.)            Music I (2 Hrs.)            Music II (2 Hrs.)            Music in the Integrated Program</p>	
<p><b>SCIENCE DEPARTMENT</b>            Botany I            Physics I (4 Hrs.)            Visual Education (1 Hr.)</p>			<p>Bacteriology            Biological Science I, II            Botany II            Curriculum in Elementary Science            Physical Science I, II</p>	<p>Zoology II            Curriculum in Elementary Science</p>
<p><b>SOCIAL STUDIES DEPARTMENT</b>            Principles of Economics            Sociology            United States History to 1865</p>			<p>American Government            History of Civilization            Modern European History            Principles of Economics            United States History Since 1865            United States History to 1865</p>	<p>American Government            History of Pennsylvania</p>

EACH COURSE CARRIES THREE CREDIT UNLESS OTHERWISE INDICATED

Teachers in service may look toward permanent certification or refresh themselves in the latest and best methods in art education. Studio courses are scheduled in afternoons so that students may have time to continue their work as long as it is profitable. Extra-curricular activities will involve a study of the functions of art in war as expressed in posters, graphic propaganda, model building, and camouflage.

#### BUSINESS EDUCATION DEPARTMENT

**Special War Program.** The summer courses in business education at Indiana are especially attractive. Everything has been done to make available those courses that will be in great demand. War-time plans have been included. Students may attend three, six, nine, or twelve weeks, according to needs. Because of the sequential nature of the work the department strongly recommends that beginning students plan their work on a twelve-week basis.

Any course in the curriculum will be offered if there is sufficient demand for it. A sufficient demand has already been expressed to insure the inclusion of a large number of these courses. Additional calls are coming in daily. Write us, telling us the course in which you are interested.

**Employment Service.** The employment bureau will offer continuous free service to all those enrolled. It places or promotes a number of enrolled teachers each summer. Those wishing to "move up" a bit will find that now is the time to gain better positions.

For further information write to Ralph E. Heiges, Director of Summer Sessions, State Teachers College, Indiana, Pennsylvania.

#### EDUCATION DEPARTMENT

As many of the regularly required courses in education will be given as the demand justifies, both in the elementary and secondary fields. In addition the following courses should appeal particularly to teachers in service.

**Choral Speaking.** The movement for the interpretation of poetry and prose, together with the improvement of speech, seems to be growing. The desire to take part in group speaking has led children of varying nationalities to acquire facility in English speech when other methods have failed. This beginning course in Choral Speaking will include work in mime, tone control, individual interpretation of poetry, and group speaking of poetry and prose.

**Diagnostic and Remedial Instruction in Reading.** The fundamental objectives of this course are to enable the classroom teacher adequately to diagnose reading disabilities and to apply proper corrective procedures. Contemporary diagnostic tests and instrumentative techniques are demonstrated through actual disability cases presented. This is an elective course intended primarily for those students teaching or preparing to teach in the lower grades where the development of correct reading habits is especially important.

**Ethics.** The purpose of this course is to aid teachers in the formulation of concepts of high standards of conduct in relation to all phases of life. Special emphasis will be given to the study of the professional ethics of teaching. Various codes and articles will be carefully analyzed. This course is scheduled for the pre-session.

**Practicum in Psychological Clinic.** It is the purpose of this course to offer preparation in clinical practice and techniques to students who desire basic preparation in the special fields of testing. All students taking the Practicum will make a study of an overview of the measurements of human behavior, the varieties of appraisal, the interpretation of scores, psychometric instrumentation, group intelligence test and scales, and performance, mechanical and motor tests. Credit for the Practicum may be applied toward clinical practice for certification of Psychological Examiners and Public School Psychologists.

**Psychology of Morale—Mental Hygiene.** The fundamental purpose of this course in a time of crisis is to gain an understanding of the ways and means of individual adjust-

ment toward human conduct and to gain an understanding of the foundations of human behavior. Special emphasis will be placed on the ingredients and main elements of psychological morale, the outstanding characteristics and potential weaknesses of morale, and the areas of public school emphasis in civilian morale service.

#### ENGLISH DEPARTMENT

All four core courses in English will be offered. In addition there will be available two or more electives according to demand. Courses especially recommended are Shakespeare, World Literature, Contemporary Poetry, and Modern Drama.

**English Composition.** This course, to be conducted on a laboratory basis during the regular session, can lead to credit in Advanced Composition or Journalism; and in special cases to credit in English I or English II. Admission only by arrangement with the Dean and the Head of the Department.

**Speech Education.** In response to the increasing demand for special training, the English Department has been authorized to grant certification in Speech. The four courses to be offered during the regular session are Fundamentals of Speech, Play Production, Radio in Education, and Interpretative Reading.

**Fundamentals of Speech.** This basic course stresses techniques in voice and diction designed to improve speech in everyday situations.

**Play Production.** This affords a practical opportunity for learning the art of play production by means of actual participation in dramatic performances for the public.

**Radio in Education.** Voice and diction techniques for radio are achieved by giving a series of broadcasts over WHJB, Greensburg.

**Interpretative Reading.** This course is a study of literature designed to stir the creative impulse, to express meanings, mood and feeling through imaginative reading.

### FOREIGN LANGUAGE DEPARTMENT

Untold thousands of Americans are realizing as never before that their language and culture are only one of many, and that they can no longer deny their world citizenship. They realize also that intelligent citizenship is based on knowledge and experience, and that to fulfill their civic functions in the global sense they must seek direct contact with foreign cultures by study of their language and ways of life. The immediate expediency of knowledge of one or more foreign languages in the present crisis is witnessed by the many government-sponsored courses in a multitude of languages, and by the frequency with which applicants for government positions are queried relative to their linguistic abilities.

The Department of Foreign Languages will concentrate its attention in the summer sessions on basic courses in Spanish. Elementary Spanish I will be offered in both pre- and main sessions. If taken in the former the student may continue with Spanish II in the latter. Thus in the period of nine weeks he will complete the normal work of the first year, and will have acquired the ability to read simple Spanish with ease. He may subsequently continue his work in more advanced courses, or perfect his reading knowledge independently. Spanish II, available only in the main session, is open to those who have had one semester of college Spanish or its equivalent.

In both Spanish I and II stress is laid on reading ability and fluency in simple conversation; grammatical theory is subordinated to language in its broader aspects.

### GEOGRAPHY DEPARTMENT

It has been said, "This war is wholly a matter of Geography." That is equally true of the peace. Never have the opportunities for trained geographers been greater than they are today, whether in the teaching field, in the armed forces or their auxiliaries, or in civilian occupations for men and women. Students should prepare themselves while opportunities are available.

The Geography Department is superlatively equipped to offer preparations for the utilization of these opportunities. A full staff of geographers will be maintained; special courses will be offered for geography majors and minors, for students interested in aeronautics, for men preparing for the armed forces, and for women preparing for the armed forces auxiliaries.

Courses especially attuned to the war effort and post-war ways of life include Cartography, Meteorology, and Climatology. Each is an elective, without prerequisites, giving three semester hours credit.

**Cartography.** A special newly approved course in Cartography is designed to give prospective teachers and members of the armed and auxiliary armed forces experiences in map construction, map reading and construction. Experiences will involve field maps, military maps, aeronautical maps, special service maps.

**Meteorology.** This course deals with weather prediction and interpretation. It is of particular interest to teachers of aeronautics and is particularly available for prospective candidates for positions as meteorologists and weather observers.

**Climatology.** This new course, like Meteorology, is of particular value to aeronautics teachers and persons interested in meteorology and weather observations as professions.

In addition, Geography of the United States and Canada, Geography of Latin America, and Geography of the Pacific Realm will be offered for geography majors and minors and others interested.

Principles of Geography, required for Elementary and Secondary Education students; Economic Geography I, required for Business Education students; and Economic Geography II, required for Elementary, Secondary Education and Business Education students, will be offered in the regular session.

### HEALTH EDUCATION DEPARTMENT

The summer work of the Health Education Department is concerned largely with general health and recreational activities, although some courses are offered for credit. A wide range of activities such as swimming, archery, badminton, croquet, goal-hi, loop tennis, tether ball, golf, and fly-casting are available for those who do not desire more strenuous sports.

**First Aid.** Popular and insistent demand in these war days for persons trained in first aid makes it necessary for all teachers to have this experience. The successful completion of this course brings the award of the Red Cross Certificate and carries two semester hours of college credit.

**Hygiene.** This course will be taught by a trained nurse with broad experience in school and community health work. It will receive one semester hour of credit and is intended primarily for those who do not have credit for hygiene. It is the hygiene half of Health Education I or II. Transfers from other colleges who have had physical activity, but no hygiene, should consider this. It may also be taken by any others who do not have definite credits in hygiene.

### HOME ECONOMICS DEPARTMENT

The regular courses to be offered have been listed. All courses so listed may be used toward certification and toward the degree in Home Economics. Many may be used as electives in other curricula. In an effort to meet the ever-widening demands on teachers in this field and to permit teachers in service to keep in touch with recent developments and philosophies arising out of the war, the following courses will receive special emphasis this summer.

**Nutrition Education: Canteen.** This is a course in the principles underlying food nutrition. It will prepare the laywoman for immediate participation in a nutrition program either as a part of her professional program or in an emergency. It will satisfy the requirements of the Red

Cross for Nutrition and Canteen Aides. A Standard Nutrition Certificate and a Volunteer Special Service Canteen Certificate will be issued by the Red Cross upon the satisfactory completion of this course.

**Diet in Disease: Diet Therapy.** This course places emphasis on the principles and modern practices of diet and nutrition as they are related to individual problems—infants, growing children, the aged, and pregnant lactating women. Special study is given to diabetes, gastro-intestinal diseases, nephritis, and other common diseases needing special dietary treatment. Laboratory work includes planning, calculation, and preparation of special diets. The course is designed for those students desiring more nutrition work. Prerequisites—Foods I, Nutrition, Chemistry, and Physiology.

**Child Care.** This course is designed to give the necessary information for caring for very young children. Included are observations of the babies in the Home Management Houses and the children in the Nursery School. Such experiences, useful at all times to young women, are especially so now in the national emergency when they may be called upon to care for children in air raid shelters, and in homes or day nurseries while mothers are at work.

**Conservation of Natural Resources: Food Supplies.** This course, conducted on a lecture, discussion, and laboratory basis, deals with various problems met in the present emergency. A study is made of the market conditions and recent legislation affecting food supply. Practical problems in meeting local nutritional needs are presented. Methods of food preservation are taught.

**Conservation of Natural Resources: Clothing and Textiles.** This course, conducted on a lecture, discussion, and laboratory basis, deals with the need for sane care and re-use of textiles and clothing. Recent legislation and factors governing the present situation are studied with suggested ways to meet these problems. Renovation, repairing, and resalvaging of old clothing and household textiles are stressed.



THE EAST WALK



SKETCHING

**Household Management I: Equipment.** This course aims to show the relationship of the fundamentals of physics to the problems of the household and to give an understanding of the scientific principles underlying the wise selection and operation of kitchen and laundry equipment.

**Clinic in Home Economics Education.** This course, handled largely on the workshop plan, involves the various phases or units of home economics needed for adequate preparation for everyday living in the home, the family, and the community.

**Home Economics Education IV: Adult Homemaking Education.** This is a course in homemaking for home economics teachers of part-time or evening classes. Emphasis is placed upon organization, administration, program planning, methods and procedures especially applicable to the teaching of homemaking to out-of-school youth and older adults.

#### LABORATORY SCHOOL

An excellent opportunity will be offered to observe and participate in modern educational procedures through work presented in the laboratory school. The six elementary grades and the junior high school will be in operation every forenoon except Saturday. The newer philosophies of education and the most approved modern techniques in instruction will be demonstrated.

**Refresher Course for Teachers in Service:** Diagnostic and Remedial Teaching in the Elementary School.

A refresher course, designed primarily for teachers who have been out of service and who have been called again to the classroom because of the emergency, as well as those who wish to study up-to-date teaching procedures, will be offered for the first time. Supervising teachers in the Laboratory School will direct this course which will carry 3 hours credit. It will consist of observation of formal and informal teaching procedures in a work-shop situation.

## MATHEMATICS AND SCIENCE DEPARTMENTS

The government is training many men and women for war work in fields which require the sciences, including mathematics. Hence those courses offered during the regular session and the summer sessions which are also required for various branches of government training will, during this national emergency, be open to all students wishing to prepare for such fields of service.

Many requests have come to the college for the names of students and alumni, men and women, who have met certain requirements in chemistry, physics, and mathematics (usually one year of work in each field) to apply for positions as Junior Inspectors, Laboratory Aides, and nurses. The courses in science and mathematics offered this summer will be open to those who wish to qualify for certain government positions, to high school graduates who wish to enter college during the summer session, and to graduates who wish to strengthen their major field or extend their certification.

The shortage of teachers in mathematics and science is a serious one. If you have had training in mathematics in the past but have not been teaching it for some time, you have an opportunity to be of great help to education in Pennsylvania by re-training yourself in it. The course in Teaching of Junior-Senior Mathematics is especially designed for such purposes.

At present there is an inadequate supply of trained science teachers in all secondary science fields. This difficulty may be partly overcome if teachers avail themselves of summer school opportunities to take work toward meeting additional certification requirements.

In addition to this, the Army and Navy are anxious that science form a part of the background of those chosen for the services. Biology and chemistry are wanted, and particular emphasis is being placed on physics.

**Physics I.** This course includes mechanics and heat; lecture, problems, recitation, and laboratory techniques are used.

Stress is laid on certain items required of ground-school pre-flight physics in War Training Service (formerly Civilian Pilot Training, CPT). The advantages of Physics I over the WTS are in the laboratory and homework problems. Pre-session only.

**Physics II.** Chief topics are wave motion, sound, light, and electricity; lecture, problems, recitation, and laboratory techniques are used. Both Physics I and Physics II are required for advanced work in physics; they are essential for General Science, as well as for all technical work in the Army and Navy.

**Physics VIII.** This is a course in radio. The fundamentals of power supplies, and receiver and transmitter design are given both in the lectures, and in practical laboratory work. The student must provide his own tools, tool-box, and an AC (not AC-DC) receiver for dismantling and use of parts. The requirements:

1. Tool box, preferably with lock
2. Electrical (50 to 100 watts) soldering "iron"
3.  $\frac{1}{2}$  lb. wire solder with rosin core
4.  $\frac{1}{4}$  inch blade screwdriver
5.  $\frac{1}{8}$  inch blade screwdriver
6. Pliers
7. AC (not AC-DC) radio with all tubes, preferably in operating condition, for dismantling and use in laboratory.

Normal requirements for Physics VIII are Physics I and II, but the case of each student will be considered on its merits. Advanced students can often qualify without having had the preliminary courses.

#### MUSIC EDUCATION DEPARTMENT

The Music Education Department will offer several skill subjects in the mastery of choral and instrumental conducting, and several methods courses at the high school level.

In addition, a recently devised course in Music in the Integrated Program offers to supervisors and grade teachers an opportunity to become familiar with newer techniques in curriculum construction. Units prepared by students in this course during the past several summers are now in use in many schools throughout the Commonwealth; several have been accepted for future publication.

To those students who plan to make a career of music education the summer sessions of 12 weeks offer an opportunity to complete their college careers in three years. Courses have been arranged to carry out complete programs. In addition, attendance at summer session makes possible the acquisition of a minor field.

Laboratory experiences in band, chorus, and orchestra are available to all students. If sufficient interest warrants, private instruction will be available in piano, voice, and the orchestral instruments.

#### SOCIAL STUDIES DEPARTMENT

A wide variety of courses will be offered in history and social science, including the regularly required courses in the elementary and secondary fields. The needs of students interested in this area of specialization will be met as well as the needs of those working for certification. Every candidate for certification in social studies must have at least nine hours in the social sciences: these should include three hours each in American Government, Economics, and Sociology.

**History of the United States and Pennsylvania.** The pre-and post-sessions will offer for the first time this course set up and required by action of the Council of Education. That action, taken December 4, 1942, says: "That subsequent to September 1, 1943 all permanent certificates issued by the Department of Public Instruction to teach in the public schools of the Commonwealth, shall, in addition to the present regulations, require a basic course in the history of the United States and Pennsylvania.

"And further, that subsequent to September 1, 1944 all certificates issued by the Department of Public Instruction to

teach in the public schools of the Commonwealth shall, in addition to the present regulations, require a basic course in the history of the United States and Pennsylvania."

**Latin-American History.** This is a brief survey of the history of the Latin American States. The importance of Latin-American political, economic, and social development warrants the inclusion of this course in the curricula of teacher training institutions. The problems of maintaining friendly relations among the nations of the Americas will be solved more easily if a mutual understanding of peoples and institutions can be brought about.

## EXPENSES AND FEES

**Contingent Fee for All Students Enrolled.** The contingent fee for the regular summer session is \$6.00 per semester hour. A minimum contingent fee of \$18.00 is charged. Thus a student who enrolls for the usual six hours of work will pay:

Contingent Fee .....	\$36.00
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**Contingent Fee for Special Curricula.** In addition to the above fee for the regular summer session, students enrolled in the special curricula will pay **additional contingent fees** as follows:

Art .....	\$ 6.00
Business Education .....	4.00
Home Economics .....	9.00
Music Education .....	15.00

### Other Fees

Housing Fee .....	48.00
Room with running water, extra .....	3.00
Degree Fee, to be paid only by those who graduate at the end of the summer session .....	5.00
Approximate expenses for books ..	10.00 to 15.00

**Late Registration Fee.** A student who registers after the date officially set for registration (June 7 for the pre-session,

June 28 for the regular session, and August 9 for the post-session) will pay an additional fee of \$1.00 per day until the student is in regular attendance, provided that the total amount of the Late Registration Fee shall not exceed \$5.00. Every late registrant must pay this fee unless excused in advance by the President because of illness or other unavoidable cause.

**Additional Special Fees for Private Instruction in Music.** In addition to the fees mentioned above, a charge of \$8.00 for the regular session is made for one lesson per week in voice, piano, band, or orchestral instruments. This fee is to be paid by students who wish **private instruction other than that assigned by the Director**, and also by persons not registered in the Music Department who wish music instruction.

The fee for rental of a piano or orchestral instrument for practice one period per day for the regular summer session is \$2.00.

**Activity Fee.** The activity fee for the regular summer session is \$2.50, and \$1.25 each for the pre- and the post-session.

**Pre-Session and Post-Session Fees.** All fees for the pre- and post-sessions of three weeks are one-half the fees for the regular six-weeks session except: (1) the contingent fee which remains at \$6.00 per semester hour; and (2) the degree fee which remains at \$5.00 and covers the cost of diploma.

**Out of State Fees.** A student whose residence is outside of Pennsylvania may take advantage of Indiana's facilities by paying the same fees as residents of the state.

**How to Pay Fees.** All fees except the degree fee are to be paid on the day of registration for each session: pre-session Monday, June 7; regular session, Monday, June 28; and post-session, Monday, August 9, 1943.

Checks for all fees except the activity fee should be made payable to the Commonwealth of Pennsylvania; postal money orders should also be made payable at the Harrisburg Post Of-

ficie. Checks for the activity fee should be made payable to Paul J. Woodring, Treasurer; money orders for this fee should be made payable at the Post Office at Indiana, Pennsylvania.

**Room Reservations.** Room reservations can be made by writing to the Registrar and sending a deposit of \$10.00. Checks should be made payable to the **Commonwealth of Pennsylvania.**

Students are not expected to room alone. Therefore, prospective students are urged to apply in pairs. In this way each student is assured a congenial roommate. Single applications are handled to the best possible advantage, but the school prefers that students make their own choices whenever possible. The school does not guarantee a suitable room except in cases where the reservation deposit has been paid in advance and accepted. Applications for rooms are filed in the order in which they are received. Students are requested to write to the Dean of Women if there is any preference in rooms, and to indicate whether a room with or without water is desired.

## REGULATIONS REGARDING TRANSFER OF CREDITS AND RENEWAL OF CERTIFICATES

The following regulations governing admission with advanced standing were approved by the Board of Presidents of the State Teachers Colleges, July 19, 1940:

1. Transfers from other institutions will not be accepted without certificates of honorable dismissal.
2. Credit will be given for acceptable courses pursued in accredited collegiate institutions in which the student has made a grade above the lowest passing grade in the institution in which the work was done. Where the grades are marked on a percentage basis, work graded five per cent above the minimum passing grade will be accepted.
3. All students who are candidates for a degree shall be required to arrange a program of studies approved by the Dean of Instruction. Any student desiring to pursue any part of this

program at a different institution will be required to secure, **in advance**, the approval of such courses from the Dean of Instruction.

#### RENEWAL OF STATE STANDARD LIMITED CERTIFICATE

(From Department of Public Instruction Bulletin, September 1, 1938)

1. The 12 semester hours required for the renewal of the state standard limited certificate are to be earned **during each** renewal period of three years, whether the certificate has been used for teaching purposes or not. This is the minimum rate by which the holder of a state standard limited certificate may move toward the completion of an **elementary** degree curriculum.

2. The responsible official of the college from which the holder of the certificate expects to secure a degree should certify on the transcript—or otherwise—that the 12 semester hours submitted to the Department of Public Instruction will be accepted by the institution as additional work toward the completion of the elementary degree curriculum.

Note particularly that work for the renewal of the certificate must be approved toward a degree in the **elementary** field. This renewal work should be taken in the school from which the student expects to secure his degree. If taken at another college, approval of the courses must first be secured **in advance** from the Dean of Instruction of the college from which the student expects to secure his degree. This permission will not be granted for courses toward the first and second renewals except for very important reasons.



HIKING IN THE WOODS





