South Bend-Mishawaka Center

INDIANA UNIVERSITY

First Semester Classes

1957-58

Enrollment: September 9-11

Classes will begin September 12

Office: Central High School, Room 220

Telephone: CEntral 3-1137

INDIANA UNIVERSITY CENTER
SOUTH BEND-MISHAWAKA

Room 220, Central High School, South Bend—CEntral 3-1137

1957

	S	M	T	W	T	F	S
July		1	2	3	4	5	6
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	28	29	30	31			
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1958

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	16	17	18	19	20	21	22
	23	24	25	26	27	28	
Mar.							1
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Dec.		1	2	3	4	5	6
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	28	29	30	31			

Enroll for First Semester: September 9-11

Enroll for Second Semester: January 29-February 1

Enroll for Summer Session: June 9-10

Calendar, 1957-58

FIRST SEMESTER	September 9-January 24
Enrollment	September 9-11
Classes begin	September 12
Thanksgiving recess	November 28-December 1
Christmas vacation	December 21-January 5
Semester examinations	January 20-24
SECOND SEMESTER	January 29-June 6
Enrollment	January 29-February 1
Classes begin	February 3
Spring vacation	March 29-April 6
Memorial Day holiday	May 30
Semester examinations	June 2-6
SUMMER SESSION	June 9-August 7
Summer enrollment	June 9-10
Classes begin	June 11
Independence Day holiday	July 4
Session examinations	August 6-7

Table of Contents

Administrative and Instructional Staffs 1957-58

Administrative—Bloomington

Herman B Wells, A.M., LL.D., President of the University

Herman Thompson Briscoe, Ph.D., Vice-President, and Dean of the Faculties

Joseph Amos Franklin, B.S., Vice-President, and Treasurer

John William Ashton, Ph.D., LL.D., Vice-President, and Dean of Student and Educational Services

Wendell William Wright, Ph.D., Vice-President, and Director of Administrative Studies and Institutional Relations

Charles Edwin Harrell, A.B., LL.B., Registrar, and Director of the Office of Records and Admissions

Hugh Woods Norman, A.M., Dean of the Division of Adult Education and Public Services

Robert Emmet Cavanaugh, A.M., Director Emeritus of the Division of Adult Education and Public Services

Donald Francis Carmony, Ph.D., Associate Dean of the Division of Adult Education and Public Services

Administrative—South Bend

Jack J. Detzler, Ph.D., Director of the South Bend-Mishawaka Center, and Assistant Professor of History

Robert Alfred Lindemann, Ph.D., Academic Counselor of the South Bend-Mishawaka Center, and Instructor in History

Robert Newlin Robinson, M.B.A., C.P.A., Administrative Assistant, and Instructor in Accounting

Clarence E. Scott, A.M., Administrator of Adult Education

(Mrs.) Norma Ray Barnes, Administrative Assistant

Alex Jardine, Ed.D., Superintendent of the South Bend Schools

John J. Young, Ph.D., Superintendent of the Mishawaka Schools

Rupert Ferrell, A.M., Principal of the South Bend Central Senior High School

R. R. Meyers, A.M., Principal of the Mishawaka High School

(Mrs.) Mary Ann Ross, Senior Account Clerk, and Veterans Record Clerk

(Mrs.) June Brown, Evening Assistant

(Mrs.) Theresa Maloney, Librarian

Ruth Papczynski, Recorder

Susan Cole, Bookstore Manager

Instructional Staff

Stanley E. Ballinger, Ph.D., Yale University; Assistant Professor of Education

Arthur N. Barnes, A.B., College of Puget Sound; Lecturer in Economics

Roger L. Baumeister, M.S., Northwestern University; Lecturer in Speech

John Bednar, M.F.A., Art Institute of Chicago; Lecturer in Art

(Mrs.) Ann Lynch Bohan, A.M., University of Chicago; Lecturer in English

Howard Carr, A.M., Indiana University; Lecturer in Mathematics

Martha R. Carter, Ed.D., Indiana University; Lecturer in Art

John A. Cassidy, Ph.D., Western Reserve University; Assistant Professor of English

James Robert Constantine, Ph.D., Indiana University; Instructor in History

Cecil Deardorff, A.M., Columbia University; Lecturer in Music

Floyd Harrison Deen, Ph.D., Indiana University; Assistant Professor of English

(Mrs.) Lola Jane Rosenberger Perez de Lara, A.M., Middlebury College; Assistant Professor of French and Spanish

Daniel P. Deneau, A.M., University of Notre Dame; Lecturer in English

Jack J. Detzler, Ph.D., Indiana University; Assistant Professor of History

Ernest Hugh Gerkin, Ph.D., Indiana University; Associate Professor of Chemistry and Physics

Charles R. Hammersmith, M.B.A., Indiana University; C.P.A., Indiana; Lecturer in Accounting

Albert Vernon Hinton, Jr., B.S. in Bus.Ed., Northwestern University; C.P.A., Indiana; Lecturer in Accounting

Norman J. Hubner, M.S., Indiana University; Lecturer in Health, Physical Education, and Recreation

Maurice Ivins, Director of the Lyric Choir

John E. Karl, M.S., University of Kentucky; Lecturer in Zoology

Chris Koronakos, Ph.D., University of Nebraska; Instructor in Psychology

Alfred J. Levy, Ph.D., University of Wisconsin; Instructor in English

Hannah Lindahl, A.M., Columbia University; Lecturer in Education

Robert Alfred Lindemann, Ph.D., Indiana University; Instructor in History

Francis J. Molson, A.M., University of Notre Dame; Lecturer in English

James Nafe, J.D., Indiana University; Lecturer in Business

(Mrs.) Mary J. Rieth, M.S., Purdue University; Lecturer in Nutrition

Robert N. Robinson, M.B.A., Indiana University; C.P.A., Indiana; Instructor in Accounting

Michael Rose, B.S., Indiana University; Lecturer in Education

Virgil E. Schooler, P.E.D., Indiana University; Assistant Professor of Education

Orrin Shaw, M.S., Indiana University; Lecturer in Typewriting

Jacob Sudermann, A.M., University of Michigan; Assistant Professor of German

Zita Sulzberger, A.M., Oberlin College; Lecturer in Geography

Carol Taylor, A.M., University of Colorado; Lecturer in English

Frances Tyler, B.B.A., University of Wisconsin; C.P.A., Indiana; Lecturer in Accounting

John M. Vayhinger, A.M., Columbia University; Lecturer in Psychology

Margaret A. Walsh, B.S., Indiana State Teachers College; Lecturer in Shorthand

Garret Reed Weathers, M.S. in Ed., Indiana University; Lecturer in Education

(Mrs.) Ruth Duffey Weir, A.M., Indiana University; Lecturer in English

John Darce Wilmore, A.M., Indiana University; Lecturer in Mathematics

James Wilson, M.B.A., Indiana University; Lecturer in Accounting

William Zielinski, B.S., Indiana University; Lecturer in Accounting

Joseph I. Zygmunt, A.M., University of Chicago; Lecturer in Sociology

Special Lecturers

(Mrs.) Margaret Alexander, A.M., University of Iowa (P.-T.A. Institute)

John W. Ashton, Ph.D., University of Chicago (P.-T.A. Institute)

Joseph Bauman (Landscape Architecture)

Richard L. Beaudoin, A.B., St. Anselm's College (Nurse Training)

Elton Breckenridge (Interior Decorating)

Raymond Ned Brooks (Insurance)

Douglas D. Brown, LL.B., Indiana University (Economics)

George Carr (Government)

Mary Mazeppa Crawford, Ph.D., Columbia University; Associate Professor of Economics (Economics)

(Mrs.) Ida Day (Christian Missions)

K. C. deGroff, B.S., Midland College (Photography)

Jesse Dickinson (Government)

Robert Doolittle, A.B., DePauw University (Government)

Ben H. Drollinger, A.B., Indiana University (Economics)

(Mrs.) Adelaide Earhart, A.M., Northwestern University (Developmental Reading)

Henry Evjen, Ph.D., Western Reserve University (Economics)

James A. Gilchrist, A.M., John Carroll University (English)

Paul Gorsuch, B.S., Ball State Teachers College (Traffic Management)

Ray Gremp (Public Relations)

(Mrs.) Oliva Grillo, A.B., University of Wisconsin (French)

Clarence Harding, Ph.B., University of Notre Dame (Public Relations)

Gordon Heath, O.D., Los Angeles School of Optometry (Orthoptics and Visual Training)

Harry Heppenheimer, LL.B., University of Notre Dame (Taxes)

Kenneth C. Hoffman, M.D., College of Medicine (Nurse Training)

John E. Hughes, Ph.D., University of Pennsylvania (Sociology)

Irving Hurwich, LL.B., University of Notre Dame (Government)

Leo Joint, A.M., Ball State Teachers College (P.-T.A. Institute)

Charles Karst, B.S., Purdue University (Nurse Training)

James Kellaher, B.S., University of Notre Dame (Public Relations)

Keith Klopfenstein, B.S., Indiana University (Advertising and Selling)

Thelma A. Knudson, A.M., State University of Iowa (Speech)

John Lynch, A.B., University of Notre Dame (Creative Writing)

Chester L. Marcus, B.D., Lincoln University (Christian Missions)

Justin R. Meacham, B.S., Purdue University (Public Relations)

Grant E. Metcalfe, M.D., Hahnemann Medical College; Assistant Professor of Psychiatry (Psychoanalysis)

Robert L. Milisen, Ph.D., State University of Iowa; Professor of Speech and Theatre (Speech)

Powell A. Moore, Ph.D., Indiana University (P.-T.A. Institute)

Duncan W. Murphy, Ph.D., University of Wisconsin (Economics)

Cornelius Novelli, A.M., Ohio University (English)

Farwell Rhodes (P.-T.A. Institute)

Walt Paul Risler, A.M., University of Chicago (Sociology)

John Ryan, Ph.D., New York University (Vocational Counseling)

George Schilling, B.S., University of Notre Dame (Photography)

C. M. Schultheis (P.-T.A. Institute)

Richard Shriner, M.D., University of Chicago (Sociology)

Rabbi Albert M. Shulman, A.M., University of Southern California (Old Testament Literature and Religions of Mankind)

Frank L. Sievers, Ph.D., University of Nebraska (P.-T.A. Institute)

Rev. James Smyth, A.M., Oxford University (Sociology)

Martin Stamm, A.M., Purdue University (P.-T.A. Institute)

Arthur Thomas Taitt, M.B.A., University of Denver; Faculty Lecturer in Finance (Economics)

Murray Trescott, B.S., Syracuse University (Family Financial Management)

E. Spencer Walton, LL.B., University of Notre Dame (Government)

(Mrs.) Cynthia Wedel (Christian Missions)

Warren W. Widenhofer (Public Relations)

Kazuko Yonetsu, LL.B., Keio University (Christian Missions)

Committees

Scholastic Affairs: Lindemann, Deen, Gerkin, Weir, Taylor

Student Publications: Levy, Deen

Industrial Education Advisory Council: Duncan Murphy, Indiana University; Clarence Scott, Indiana University Center; Roy Root, Central Labor Union; Albert Schloerke, Central Labor Union; Stanley Ladd, St. Joseph County Industrial Union Council; Al Zack, St. Joseph County Industrial Union Council; John DuBois, Empire Box Corporation; Warren Wheeler, South Bend Tribune; Richard Pfeil, Koontz-Wagner Electric Company; John McGuckin, Bendix, Mishawaka

Library: Cassidy, Lindemann, Robinson, Koronakos

Faculty Development: Sudermann, Bohan, Weir, Doherty

Adult Education: Scott, Koronakos, Cassidy, de Lara, Constantine

Certificate Programs: Constantine, Doherty, Levy, Zielinski, Sudermann

Building: Robinson, de Lara, Deardorff, Gerkin

The South Bend-Mishawaka Center

The Office of the University Center is in Room 220 of the South Bend Central High School. When classes are in progress, the Office is open from 9 a.m. to 4:30 p.m., and 6:30 to 8:30 p.m., Monday through Thursday; Friday hours are from 9 a.m. to 4:30 p.m. Special hours will be posted during vacations and the usual holidays will be observed. Hours during which enrollments may be made are indicated below.

Enrollment Hours and Registration Information

During the enrollment period, enrollments may be made only during the following hours: Monday through Thursday, 12 m. to 4 p.m. and 6 to 8 p.m.; Friday, 12 m. to 4 p.m.; Saturday, 9 a.m. to 12 m. Starting with the first day of classes, late enrollments may be made only during the regularly scheduled afternoon and evening hours. A late enrollment fee of $3 will be charged for all credit enrollments beginning on a date to be announced by the Committee on Scholastic Affairs (see Bulletin Board). No enrollment is official until all required forms have been completed, fees provided for, and appropriate clearance of the student's admission status has been secured. *Enrollments should be completed between September 9 and 11.*

All entering freshman students must take the following tests:

1. Orientation test
2. Language placement test, if student has taken language courses previously.

These tests are to be taken during enrollment week at times to be announced (see pages 9-14 for general information about admission, fees, grades, etc.).

Counseling

All students who plan to matriculate on the Bloomington campus are required to take the above-mentioned orientation test and to meet with the Academic Counselor when the results are available for a discussion of the test scores. In addition to being given during enrollment week, the orientation test will also be given November 9, 1957, 9-11 a.m. Students planning to take the test should notify the Office of the Academic Counselor prior to the date of testing.

During the regularly scheduled enrollment periods, Academic Counselors are available Monday through Thursday, 10 a.m. to 4 p.m., and 6 to 8 p.m.; Friday, 10 a.m. to 4 p.m.; and Saturday, 9 a.m. to 12 m.

During the semester, Academic Counselors are available Monday through Thursday, 2:30 to 4 p.m. The Counselors are also available from 6:30 to 8 p.m., on the dates posted in the Office. During vacation, they are available during the hours posted and at other times by appointment. Appointments may be made by phone: CEntral 3-1137.

Smoking Regulations

Many of the classes of the University Center are held in the South Bend Central High School. Therefore, the state law must be observed which prohibits smoking in public school buildings at any time and prohibits smoking about the buildings during the day. It is the policy of the University Center to give full co-operation to the enforcement of this regulation. The registration of any student who refuses such co-operation may be canceled with forfeiture of credit and with no fee refund.

Social Activities

Students are invited to assist in the publication of the quarterly *IU Center News*. They are able to gain experience in writing, business management, and newspaper editorship by participation in this activity. Alfred J. Levy is the faculty sponsor.

The Alliance Française de South Bend is the local chapter of an international federation of societies for the study of the French language and culture. University Center students and other interested persons are offered the opportunity to hear French and to practice speaking it. The Alliance meets six times yearly, the first Wednesday of each month, from October to April, except December. Membership dues are $3.

University Center students are eligible for membership in the South Bend Center Student Council. This group aims toward developing fellowship among the students of the University Center from this county. Robert A. Lindemann is the faculty sponsor.

Library

Books may be borrowed from the University Center Library for one week and may be renewed once. Reserve books may be used only in the Library. The Library (Room 217) is open Monday through Friday, from 9 a.m. to 8:30 p.m., with usual holidays observed.

The South Bend Public Library and its branches and the Mishawaka Public Library have many books available for the use of students of the University Center. Staff members of these libraries will be glad to assist in selecting books and otherwise serving students. Students from Bourbon, Elkhart, Goshen, La Porte, Michigan City, New Carlisle, Niles, and Plymouth will find similar services available in their communities.

The name of any student failing to return library books or failing to pay fines or failing to pay for extraordinary damage to library books will be added to the University check list until satisfactory settlement is made.

Included in the University Center Library is the Turner Society Collection, which consists of approximately five hundred German language books. These books were given to the University Center by the Turner Hall Society of South Bend; the collection includes works of the classic German authors, translations of American authors, lexicons, and miscellaneous items.

Bookstore

Textbooks and other supplies are sold in the Office of the University Center. The Bookstore does not buy or sell used books; however, students wanting to buy or sell used books may post notices on the bulletin board in the Office of the University Center.

Texts and supplies should be purchased at the time of enrollment. Surplus books are returned to the publishers at the end of the third week of classes.

Scholarships

A limited number of service scholarships are available each semester at the University Center. These scholarships are awarded to graduates of the South Bend and Mishawaka high schools on the basis of recommendations of the principals and counselors. Service scholarship students are asked to assist a limited number of hours each week in the University Center Library. Students interested in obtaining a service scholarship are invited to consult the Academic Counselor of the University Center or their high school officials.

Holders of State, Merit, Special, and Child-of-Disabled-Veteran Scholarships may use their scholarships at the University Center. All stipends will be valued at $3.50 per semester hour. For information concerning these scholarships, students should write directly to Reese Williams, Director of Scholarships and Loans, Indiana University, Bloomington, Indiana.

General Information

Students are urged to read the following items carefully before enrolling in classes. Those having special questions or problems should arrange to see the Academic Counselor.

Who May Enroll. Classes are open to any adult who can take the work with profit; but those working toward degrees or teaching certificates must meet the usual requirements. All students enrolled in the Centers are classified as (1) auditors (including noncredit students); (2) regular undergraduate students; (3) special students; and (4) graduate students. Entrance credentials are not required for those who enroll as noncredit students or auditors. Credit students should clear their admission status at the time of their original enrollment and are required to do so by the time they have earned twelve credit hours. *Enrollment in courses does not constitute admission to Indiana University.*

Outside Preparation. Credit classes require a substantial amount of outside study. *Students should not enroll for credit courses unless they have time to study, can attend regularly, and expect to attend classes throughout the session.*

Admission for a Degree. Graduation from a commissioned high school in Indiana, or its equivalent, fulfills the minimum entrance requirements at Indiana University. Students who plan to work for a degree at Indiana University must complete the regular application for admission on blanks available in the Office of the Academic Counselor at the Center. The Office of Records and Admissions of the University will issue admissions to the University valid in the Center. Those who have been graduated from high schools out of the state, those who may have had irregularities in their high school work, and those who wish evaluation of previous college or military credit, must submit their credentials to the Associate Registrar for Admissions, Indiana University, Bloomington, Indiana.

All freshman students intending to work toward a degree are required to take orientation tests (see page 6); students who rank in the lower half of their graduating class are required to arrange for special counseling with the Academic Counselor.

Transient students who are not working for a degree at Indiana University should file application for admission as special students at the time of enrollment in the Center. No student carrying work at any other college is permitted to enroll at the Center without written approval of his dean. Students who expect to complete their training at another institution should ascertain the admission and degree requirements of that school in order to receive full credit for work done at the Center.

Academic Counseling. All beginning students and any having questions concerning their programs should meet with the Academic Counselor before they enroll. Degree students must complete the hour and course requirements of the chosen division or school of the University. In the case of certain

courses, sequences are mandatory, and students may not enroll in courses for credit without the proper prerequisites.

Registration and Enrollment. Twelve to sixteen credit hours constitute a normal full-time load in a regular semester, and six to eight hours in summer sessions (veterans see page 13). Permission to carry extra hours may be granted to students whose cumulative academic average is B or better. Five or six hours a semester and two or three hours for summer sessions are the recommended maxima for students who are employed full time, because experience has shown that students who enroll for more than this amount usually do not have time for adequate preparation without endangering their health or their grade status. A credit hour represents the work required in one fifty-minute recitation or lecture each week throughout one semester (more hours are required for laboratory courses). A maximum of sixty semester hours of credit toward graduation from Indiana University may be earned at a Center.

Enrollments should be completed during the designated enrollment period. Late enrollments must be approved by both the Academic Counselor and the instructors involved. *All changes in program must be approved by the Academic Counselor.* All enrollments and all changes in enrollment (including changes in credit status, both credit to noncredit and noncredit to credit) are prohibited after the second week of classes in the regular semesters and after the first week of classes during the summer session unless approved by the Academic Policies Committee. This Committee will grant such approval sparingly and only to students who show that they are both able and willing to make up the work missed and to complete the course in a desirable manner. These requirements do not apply to auditors unless they change to a credit status.

Students are expected to attend the first meeting of classes, and when classes must be limited in size, priority will be given to students with completed enrollments. A late enrollment fee of $3 will be charged those credit students who enroll after the end of the official enrollment period.

English Composition. Courses in English composition are required for entrance into every school of the University. The sequence of English W101-W102-W103 constitutes the regular program in composition and that of English W111-W112-W113 the special program for well-equipped students in composition; this latter program is not offered in all Centers. *Students working toward degrees must enroll in English composition during the first semester and continue such study until all requirements therein have been fulfilled.*

Foreign Language Requirements. A foreign language placement test must be taken by all students who intend to continue a language begun before entrance to the University. On the basis of this test, the appropriate language department at Bloomington will recommend the level of work proper for a student. A student continuing a language from high school will be given full credit only for work begun at the level recommended by the department and beyond. If a transfer student repeats work done at another college, the transferred credit will be canceled. Generally, a student beginning Latin, German, French, or Spanish must take at least one year in that language and receive credit for ten hours in it before the work can be counted toward graduation.

Eighteen semester hours of satisfactory study in one language (unless the student is exempted as the result of a proficiency test) is required of all candidates for the A.B. degree. Proficiency examinations are given three times a year. Consult the Academic Counselor for further information. Language study also is generally either required or accepted for other degrees and for admission to professional schools. Students are advised to take two years in the same language during successive semesters whenever possible. The attention of students contemplating graduate work is called to the fact that French and German are the two modern foreign languages required for the Ph.D. degree by most graduate schools.

Comprehensive Examination in Business. During the semester of the student's junior year in which he completes the seven basic or "core" courses, each undergraduate student in the School of Business is required to pass a comprehensive written examination. The examination is designed to test the student's ability to apply knowledge gained in these courses: Business A201-A202, Introduction to Accounting I-II; Economics E201-E202, Principles of Economics I-II; Economics E370, Interpretation of Business and Economic Data; Business F300, Corporation Finance; Business L300, Business Law—Contracts; Business M300, Principles of Marketing; and Business P300, Principles of Management.

The examination is designed as a test of the ability of the student to apply principles in the solution of practical business problems, not as a test of knowledge of the subject matter of the basic courses. Examinations are given three times a year near the end of each semester and the summer session. It is to the student's distinct advantage to plan his program so that the seven basic courses will be completed not later than the last semester of his junior year. The satisfactory completion of the examination is prerequisite to pursuing senior level courses in business and economics and is a requirement for graduation.

Grades. The quality of a student's work will be indicated by the following grades: A, B, C, D, F (failed), S (satisfactory—for English W100 only), W (withdrawn), WF (withdrawn—failing or unauthorized withdrawal), and I (incomplete). Students who receive the mark of F (failed) must repeat the work before they receive credit for it.

The grade of Incomplete may be given only when the completed portion of a student's work in the course is of passing quality. A student must remove an Incomplete within two semesters of subsequent residence in the University. For purposes of these regulations, the period between the end of one regular academic year and the beginning of the succeeding academic year shall be considered the equivalent of a regular semester, if the student is enrolled during this period. If the student fails to remove the Incomplete grade during this period, the Incomplete will be changed to F. A student may not enroll for credit in a course in which he has a grade of Incomplete.

Once filed in the Office of Records and Admissions, no grade may be changed except upon request of the instructor with the approval of the Academic Policies Committee of the Center and with the consent of the Associate Dean of the Division of Adult Education and Public Services.

Illness is usually the only acceptable excuse for absence from class. Other absences must be explained to the satisfaction of the instructor, who will decide whether or not omitted work may be made up. Instructors are to

report promptly to the Academic Counselor the names of any students whose attendance is irregular.

Probation. Each semester hour of credit is valued in credit points as follows: grade A, three points; grade B, two points; grade C, one point; grade D, no points; grade F or WF, minus one point.

A student is placed on probation for the semester succeeding the one in which he fails to earn a C average. A student who in the semester subsequent to being placed on probation does not bring his cumulative average to C *must petition the Academic Affairs Committee of the Center if readmission is desired.*

Payment of Fees. Fees, based on the amount of work, are $12 a semester hour for undergraduate courses; $15 a semester hour for graduate courses. A $5 laboratory fee in addition is charged those taking science laboratory courses, and other special fees are sometimes charged (see page 6 for late enrollment charge).

All fees are payable in full at the time of enrollment. In special cases, a deferred payment plan may be arranged, with the permission of the Center Director, for students whose fees amount to more than $40. When fees are deferred, the minimum payment due at enrollment is either $40 or four tenths of the total fee, whichever is the larger amount. All fees must be paid by the end of the fifth week of classes. Where deferred fees are permitted, a service charge of $1 is made, payable at the time of enrollment. An examination fee of $1 is charged students who take examinations at other than regular times.

Fees of all types are subject to change by the University Board of Trustees without printed notice, except that no change in fee rates will be made for a particular semester during or after the official registration and enrollment days for that semester.

Insufficient Enrollment. Whenever enrollment in a course is deemed insufficient, the University reserves the right to withdraw that course. When small classes are continued, full payment of fees may be required at the time of registration. In such cases, no refund is permitted.

Withdrawals. *Students who discontinue class attendance without following the official withdrawal procedure shall receive grades of WF.* When withdrawal from class is necessary, students should file the official forms. Withdrawals approved by the Academic Counselor of the Center during the first four weeks of a regular semester or during the first two weeks of a summer session are marked W by the instructor. Withdrawals approved by the Academic Counselor after the first four weeks of a regular semester or after the first two weeks of a summer session are marked W or WF by the instructor, according to whether the student is passing or failing in the work of the course at the time of withdrawal. After four weeks in the regular semester or after two weeks in the summer session, the student shall be required to show the Academic Counselor adequate reasons for withdrawal. Withdrawals cannot be considered official until all fees have been paid and an official withdrawal form has been executed.

Refunds. Limited refunds less $3 may be approved under special circumstances and in accordance with the following schedule based on the date of the *written* application for withdrawal. For approved withdrawals, refunds may be as follows:

First and Second Semesters	*Refund*
Withdrawals before end of first week of semester	100%*
Withdrawals before end of second week of semester	80%
Withdrawals before end of third week of semester	60%
Withdrawals before end of fourth week of semester	40%
Withdrawals before end of fifth week of semester	20%
Summer Session	
Withdrawals before end of first week of session	100%*
Withdrawals before end of second week of session	66-2/3%
Withdrawals before end of third week of session	33-1/3%

No refunds will be made after the end of the fifth week of a regular semester or after the third week of a summer session. No refunds will be made for noncredit enrollments, popular lecture courses, certain courses which are permitted to carry with low or limited enrollment, or laboratory fees.

Transcripts. Credits earned at the Center are regular Indiana University credits and official and permanent grade records are kept in the Office of Records and Admissions at Bloomington. Official transcripts are issued only from that office. Students who desire to transfer credits to another institution should write to the Registrar, Indiana University, Bloomington, Indiana. One transcript is issued free; thereafter, the charge is $1 a transcript. Students changing from the Center to the Bloomington campus do not need a transcript because their credits are already on record there; however, such students should make arrangements with the Academic Counselor as early as possible so that required personnel records may be forwarded to the Office of Records and Admissions for classification in and certification to the appropriate school on the Bloomington campus. Students changing to a Center from the Bloomington campus, from another Indiana University Center, or from another institution must request their counselor or dean to send to the Center Academic Counselor a copy of the record of their previous credits in sufficient time for their record to arrive before enrollment. Students who need specific courses may substitute a statement to this effect from their dean.

Educational Benefits for Veterans. Public Law 550 provides education and training assistance to veterans of the Korean conflict who were in the service subsequent to June 27, 1950. To qualify for educational benefits, the following requirements must be met: a discharge under conditions other than dishonorable; at least ninety days' total service unless discharged sooner for a service-connected disability; the educational program must be initiated by August 20, 1954, or within three years after release from active duty. Public Law 894 provides for disabled veterans of the Korean conflict. To obtain full financial benefits, undergraduate veterans of the Korean conflict must enroll in fourteen hours in a regular semester or seven hours in a summer session.

Qualified students from other Centers or from the Bloomington campus should present transfer slips. Students coming from the Gary and Calumet Centers to the campus or to another Center must submit new certificates of education or secure completed Form 7-1995 *before* leaving their place of train-

* In case of complete withdrawals during the first week, $3 is retained as a registration fee.

ing. This form has no retroactive date and subsistence is paid only from the date it is received in the Veterans Administration Regional Office. Further information may be obtained from the local Office of Veteran Affairs or from Center officials.

Further benefits under Public Law 634, The War Orphans Assistance Act, are available for all children of veterans who died of a service-connected disability, including those of World War I, World War II, and the Korean conflict. The children must be between the ages of 18 and 23, must be high school graduates, and must be counseled by the Veterans Administration before becoming eligible for benefits. The length of subsidized training may be thirty-six months and the rate of pay, $110 per month. For further information, write to the Office of Veteran Affairs, Indiana University, Bloomington, Indiana, or contact any Veterans Administration Office. *The above is an interpretation of Veterans Administration policies and procedures as of March 1, 1957.*

Graduate Study. A limited number of courses listed in this *Bulletin* may be applied toward a graduate degree, provided the students (1) have been formally admitted for graduate study, and (2) take courses formally approved by the appropriate dean or department head. Graduate study is offered through the Graduate School; the School of Education; and the School of Health, Physical Education, and Recreation. Admissions to all these schools are always cleared with the appropriate dean. Study programs for the Graduate School must be approved by the chairman of the department in which the study is being pursued; study programs for the School of Education and for the School of Health, Physical Education, and Recreation must be approved by the deans of these schools. *When a student enrolls for graduate credit without such approval, he does so without assurance that credit for such work may be applied toward fulfilling requirements for an advanced degree. Students enrolling for graduate credit must do so on cards marked "Enrollment for Graduate Credit."*

Correspondence Courses. The Division of Adult Education and Public Services through its Bureau of Correspondence Study provides instruction at both high school and college levels. Bulletins describing correspondence study courses may be obtained from the Office of the Center or from the Bureau of Correspondence Study, Indiana University, Bloomington, Indiana. Center students must have the written approval of the Academic Counselor to enroll in correspondence study and must submit the approval with the application. Correspondence credits are included in the maximum of sixty hours which may be completed at the Centers.

Speakers' Bureau. Indiana University's Division of Adult Education and Public Services, of which the Center is an operational unit, maintains a Speakers' Bureau through which speakers on most topics may be obtained. The faculty members of the Center are a part of this Bureau and are available to the community upon sufficient notice.

Indiana University—South Bend-Mishawaka Center

Schedule of Classes for First Semester, 1957-58

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
ADULT EDUCATION SERIES					
American Government (City and County Governments)	W, 8-9:15 pm	Lecturers	$ 1	108	September 18
Anatomy and Physiology for Nurses (Nurse Training)	MW, 3-6 pm	Beaudoin	15	401	September 16
Areas of American Mission Interest	Tu, 10-11:15 am	Lecturers	2	First Methodist Church	
Art, Introduction to	W, 2-4 pm	Bednar	5	Art Center	October 8
Audubon Wildlife Screen Tours	(See page 41)				September 18
C.P.A. Review Problems	W, 7-9:30 pm	Robinson	30	216	
Chemistry for Nurses (Nurse Training)	TuTh, 3-6 pm	Karst	18.50	206	September 18
I. U. Center Concert Series (Fifth Annual Series)	Sun, 3-4:15 pm	Artists	3	Progress Club Auditorium	September 12
Conversational French (Elkhart)	W, 8-9:15 pm	Grillo	15	Elkhart High School	October 13
Creative Writing	F, 7:30-9:30 pm	Lynch	15	205	September 18
Current Issues in Labor Management Relations	Tu, 7:30-9 pm	Lecturers	3	114	September 13
Family Financial Management	W, 8-9:15 pm	Lecturers	2	225	September 17
I. U. Center Film Forum	W, 7:30 and 9:15 pm		2.40	River Park Theatre	September 18
Garden Clinic, Series III	F, 8-9:15 pm	Bauman	3	315	October 23
Gerontology	(See page 45)				September 13
Human Development Workshop (Plymouth)	M, 8-9:15 pm	Lecturers	0.50	Lincoln High School	October 14
Insurance: Fire and Marine	M, 5:30-7:30 pm	Brooks	30	314	September 16
Interior Decorating	Th, 7:30-9 pm	Breckenridge	3	114	September 12

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
Interior Decorating (Elkhart)	Th, 7:30-9 pm	Breckenridge	3	Elkhart High School	October 17
Interior Decorating (La Porte)	Th, 7:30-9 pm	Breckenridge	3	La Porte High School	January 2
International Relations	(See page 47)				
Introduction to Psychoanalysis	Th, 8-9:15 pm	Metcalfe	3	225	September 12
Introduction to Public Relations	F, 8-9:15 pm	Lecturers	7	114	September 13
Invitation to Literature, Part IV	W, 8-9:15 pm	Novelli	5	Y.W.C.A.	September 18
Living with Science	W, 8-9:15 pm	Gerkin	2	206	September 18
Lyric Choral Society	Tu, 7:30-9:30 pm	Ivins	4	108	September 17
Microbiology for Nurses (Nurse Training)	TuTh, 3-6 pm	Hoffman	18.50	206	December 12
Evenings with Great Composers (Music Appreciation)	M, 7:30-9:30 pm	Deardorff	5	108	September 16
Old Testament Literature	Th, 8-9:15 pm	Shulman	5	215	September 12
Optometry—Visual Training and Orthoptics	W, 4-9 pm	Heath	50	221	September 18
Parent-Teacher Institute (Elkhart)	Tu, 7:30-9 pm	Lecturers	2	Elkhart High School	November 5
Parent-Teacher Institute (La Porte)	M, 7:45-9:30 pm	Lecturers	2	La Porte High School	October 21
Parent-Teacher Institute	W, 7:30-9 pm	Lecturers	2	114	November 6
Photography Workshop	Tu, 8-9:15 pm	Lecturers	3	301	September 17
Principles of Real Estate	(See page 54)				
Psychology for Nurses (Nurse Training)	W, 1:15-3 pm	Vayhinger	7	Y.W.C.A.	September 18
Retail Selling	Th, 7:30-9 pm	Klopfenstein	3	205	September 12
Review English	M, 7-9 pm	Weir	10	205	September 16
Review Shorthand	(See page 56)				
Review Typewriting	(See page 56)				
Secretarial Training, Part I: Office Practice, Personal Adjustment, and Human Relations	Th, 6-8 pm	Bohan	24	314	September 12
Appreciation of Shakespeare (La Porte)	(See page 56)				
Sociology for Nurses (Nurse Training)	Th, 1:15-3 pm	Zygmunt	7	Y.W.C.A.	September 12
Speed Reading	W, 6:30-8 pm	Earhart	12	224	September 18
Taxes: State Gross Income	Th, 8-9:15 pm	Heppenheimer	3	216	September 12
Traffic Management for Small Industries	W, 8-9:15 pm	Gorsuch	12	204	September 18
Vocabulary Building, Series I	Tu, 7:30-9 pm	Gilchrist	3	310	September 17
Vocabulary Building, Series II	Tu, 7:30-9 pm	Gilchrist	3	310	October 22
Vocational Counseling	F, 7:30-9 pm	Ryan	20	204	September 13
Your Child and His Speech Problems	W, 7:30-9:30 pm	Knudson Millsen	3	215	October 2

UNIVERSITY CREDIT COURSES

BUSINESS

Introduction to Accounting I, A201 (3 cr.)					
Section 1	MTh, 5:20-6:30 pm	Tyler	36	216	September 12
Section 2	TuF, 7-8:10 pm	Wilson	36	215	September 13
Section 3	MTh, 7-8:10 pm	Tyler	36	204	September 12
Section 4 (Elkhart)	Tu, 7-9:30 pm	Hammersmith	36	Elkhart High School	September 17
Section 5 (La Porte)	M, 7-9:30 pm	Hinton	36	La Porte High School	September 16
Introduction to Accounting II, A202 (3 cr.)	TuF, 8:20-9:30 pm	Zielinski	36	215	September 13
Industrial Cost Accounting, A205 (3 cr.)	TuF, 7-8:10 pm	Zielinski	36	216	September 13
Income Tax, A208 (3 cr.)	MTh, 7-8:10 pm	Robinson	36	304	September 12
Intermediate Accounting I, A211 (3 cr.)	TuF, 8:20-9:30 pm	Wilson	36	216	September 13
Advanced Accounting Problems I, A313 (3 cr.)	W, 7-9:30 pm	Robinson	36	216	September 18
Beginning Typewriting I, C221 (1 cr.)	MW, 8:20-9:30 pm	Shaw	15	210	September 16
Beginning Typewriting II, C222 (1 cr.)	MW, 7-8:10 pm	Shaw	15	210	September 16
Intermediate Shorthand I, C251 (1½ cr.)	TuTh, 7-8:10 pm	Walsh	21	211	September 12
Business Law—Contracts, L300 (3 cr.)	Th, 7-9:30 pm	Nafe	36	301	September 12
Principles of Management, P300 (3 cr.)	MTh, 8:20-9:30 pm	Robinson	36	304	September 12
Comprehensive Examination, W391 (noncredit)	See Academic Counselor				

CHEMISTRY

General Chemistry, C105 (5 cr.)					
Lectures	TuF, 7:30-9:10 pm	Gerkin	65	206	September 13
Laboratory					
Section 1	TuF, 6-7:30 pm	Poffenberger	65	206	September 13
Section 2	TuF, 9:10-10:40 pm	Poffenberger	65	206	September 13
Quantitative Analysis, C210 (5 cr.)	TuF, 7:30-10:30 pm	Gerkin	65	206	September 13

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
ECONOMICS					
Principles of Economics I, E201 (3 cr.)					
Section 1	TuF, 8:20-9:30 pm	Barnes	36	309	September 13
Section 2	TuF, 1-2:10 pm	Barnes	36	Y.W.C.A.	September 13
Principles of Economics II, E202 (3 cr.)	TuF, 7-8:10 pm	Barnes	36	309	September 13
Interpretation of Business and Economic Data, E370 (3 cr.)	TuF, 5:20-6:30 pm	Barnes	36	224	September 13
EDUCATION					
Undergraduate					
Introduction to Teaching, F100 (2 cr.)	W, 7-8:50 pm	Weathers	24	103	September 18
Practice in Reading and Study for Self-Improvement, X100 (2 cr.)	Th, 7-8:50 pm	Rose	24	320	September 12
Graduate					
Directing Student Teaching in the Secondary School, C645 (2½ cr.)	W, 8:15-10:15 pm	Schooler	37.50	316	September 18
Education and Social Issues, F500 (2½ cr.)	W, 8:15-10:15 pm	Ballinger	37.50	317	September 18
History of Education in Western Civilization, H503 (2½ cr.)	W, 6-8 pm	Ballinger	37.50	317	September 18
Problems in Secondary Education, S603 (2½ cr.)	W, 6-8 pm	Schooler	37.50	316	September 18
ENGLISH					
Elementary Composition I, W101 (2 cr.)					
Section 1	W, 1-2:50 pm	Levy	24	Y.W.C.A.	September 18
Section 2	M, 6:30-8:20 pm	Deneau	24	309	September 16

Section 3	Th, 7-8:50 pm	Cassidy	24	321	September 12
Section 4	W, 7-8:50 pm	Levy	24	313	September 18
Section 5	W, 7-8:50 pm	Molson	24	104	September 18
Section 6	W, 9:30-11:20 am	Weir	24	Y.W.C.A.	September 18
Section 7	Tu, 6:30-8:20 pm	Taylor	24	224	September 17
Section 8	W, 7-8:50 pm	Deneau	24	222	September 18
Section 9	Tu, 6:30-8:20 pm	Molson	24	305	September 17
Elementary Composition II, W102 (2 cr.)					
Section 1	Tu, 7-8:50 pm	Cassidy	24	303	September 17
Section 2	M, 5:10-7 pm	Taylor	24	313	September 16
Elementary Composition III, W103 (2 cr.)	Tu, 7-8:50 pm	Deen	24	205	September 17
Freshman Literature I, L101 (3 cr.)					
Section 1	TuF, 10:50 am-12 m	Deen	36	Y.W.C.A.	September 13
Section 2	TuF, 5:30-6:40 pm	Cassidy	36	225	September 13
Section 3	MTh, 2:20-3:30 pm	Levy	36	Y.W.C.A.	September 12
Section 4	TuF, 8:20-9:30 pm	Taylor	36	225	September 13
Section 5 (Elkhart)	Th, 7-9:30 pm	Weir	36	Elkhart High School	September 12
Freshman Literature II, L102 (3 cr.)	MTh, 7-8:10 pm	Deen	36	223	September 12
The English Novel to 1800, L347 (3 cr.)	M, 4-6:30 pm	Cassidy	36	223	September 16
American Literature II, L354 (3 cr.)	W, 7-9:30 pm	Deen	36	101	September 18
Twentieth-Century American Fiction, L358 (3 cr.)	MTh, 8:20-9:30 pm	Levy	36	223	September 16
Children's Literature, L390 (3 cr.)	W, 7-9:30 pm	Lindahl	36	315	September 18
FINE ARTS					
Art Appreciation, H100 (2 cr.)	W, 2-4 pm	Bednar	24	Art Center	September 18
Crafts and Design I, S255 (2 cr.)	M, 6:30-9:30 pm	Carter	24	Art Center	September 16
Oil Painting I, S333 (3 cr.)	TuF, 7-10 pm	Bednar	36	Art Center	September 13
Oil Painting II, S334 (3 cr.)	TuF, 7-10 pm	Bednar	36	Art Center	September 13
Oil Painting III, S433 (3 cr.)	TuF, 7-10 pm	Bednar	36	Art Center	September 13
FRENCH					
Second-Year Composition and Oral Practice I, F201 (2 cr.)	TuF, 7-7:50 pm	de Lara	24	313	September 13
Modern French Prose I, F211 (3 cr.)	TuF, 8-9:10 pm	de Lara	36	313	September 13

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
GEOGRAPHY					
Elements of Geography I, G101 (3 cr.)	W, 7-9:30 pm	Sulzberger	36	301	September 18
GERMAN					
Elementary German I, G101 (5 cr.)					
Section 1	TuF, 1-3 pm	Sudermann	60	Y.W.C.A.	September 13
Section 2	TuF, 7-9 pm	Sudermann	60	304	September 13
GOVERNMENT					
Introduction to American Government I, G103 (3 cr.)					
Section 1	TuF, 9:30-10:40 am		36	Y.W.C.A.	September 13
Section 2	MTh, 7-8:10 pm		36	310	September 12
Introduction to American Government II, G104 (3 cr.)	TuF, 5:20-6:30 pm		36	216	September 13
European Parliamentary Governments, G363 (3 cr.)	MTh, 5:20-6:30 pm		36	225	September 12
HEALTH, PHYSICAL EDUCATION, AND RECREATION					
Nature and Practice of Play, R170 (2 cr.)	M, 7-8:50 pm	Hubner	24	218	September 16
HISTORY					
History of Western European Civilization I, H103 (3 cr.)					
Section 1	MTh, 10:50 am-12 m	Constantine	36	Y.W.C.A.	September 12
Section 2	MTh, 7-8:10 pm	Constantine	36	222	September 12

American History: General Course I, H105 (3 cr.)					
Section 1	TuF, 4-5:10 pm	Constantine	36	215	September 13
Section 2	TuF, 7-8:10 pm	Constantine	36	225	September 13
Section 3	MTh, 1-2:10 pm	Lindemann	36	Y.W.C.A.	September 12
American Colonial History I, H333 (2 cr.)	Tu, 7-8:50 pm	Lindemann	24	222	September 17
The American Middle West I, H373 (3 cr.)	Tu, 4-6:30 pm	Detzler	36	222	September 17
HOME ECONOMICS					
Nutrition, H206 (2 cr.)	Tu, 7-8:50 pm	Rieth	24	321	September 17
MATHEMATICS					
Intermediate and College Algebra, M110 (5 cr.)	MTh, 8:15-10:15 pm	Carr	60	315	September 12
College Algebra, M120 (3 cr.)	MTh, 8:15-10:15 pm	Carr	36	315	September 12
Trigonometry, M130 (2 cr.)	MTh, 7-7:50 pm	Wilmore	24	316	September 12
Elementary Calculus I, M374 (4 cr.)	MTh, 8-9:45 pm	Wilmore	48	318	September 12
MUSIC					
Appreciation of Music I, M174 (2 cr.)					
Section 1	M, 7:30-9:30 pm	Deardorff	24	108	September 16
Section 2 (Elkhart)	Th, 4:30-6:30 pm	Deardorff	24	Elkhart High School	September 12
Applied Music	(Arranged)				
A Cappella Singers (Lyric Choral Society), X110 (1 cr.)	Tu, 7:30-9:30 pm	Ivins	12	108	September 17
PHYSICS					
General Physics: Mechanics, Heat, and Sound, P201 (5 cr.)	MTh, 7-10 pm	Gerkin	65	221	September 12

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
PSYCHOLOGY					
Introductory Psychology I, P101 (3 cr.)					
Section 1	MTh, 9:30-10:40 am	Koronakos	36	Y.W.C.A.	September 12
Section 2	MTh, 5:30-6:40 pm	Koronakos	36	215	September 12
Section 3	TuF, 7-8:10 pm	Koronakos	36	223	September 13
Mental Hygiene, P234 (3 cr.)	MTh, 7-8:10 pm	Koronakos	36	224	September 12
The Psychology of Childhood and Adolescence, P316 (3 cr.)	TuF, 5:20-6:30 pm	Vayhinger	36	215	September 13
SOCIOLOGY					
Principles of Sociology, S161 (3 cr.)					
Section 1	MTh, 4-5:10 pm	Zygmunt	36	215	September 12
Section 2	MTh, 8:20-9:30 pm	Zygmunt	36	322	September 12
The Family, S316 (3 cr.)	MTh, 7-8:10 pm	Zygmunt	36	322	September 12
SPANISH					
Elementary Spanish I, S101 (5 cr.)					
Section 1	MTh, 7-9 pm	de Lara	60	313	September 12
Section 2	MTh, 9-11 am	de Lara	60	Y.W.C.A.	September 12
SPEECH AND THEATRE					
Public Speaking I, S121 (2 cr.)					
Section 1	Tu, 2:10-4 pm	Baumeister	24	Y.W.C.A.	September 17
Section 2	Tu, 4-5:50 pm	Baumeister	24	115	September 17
Section 3	Tu, 7-8:50 pm	Baumeister	24	204	September 17
Section 4	Th, 4-5:50 pm	Baumeister	24	115	September 12
Business and Professional Speaking, S223 (3 cr.)	Th, 6:45-9:15 pm	Baumeister	36	303	September 12

ZOOLOGY					
Animal Biology, Z103 (5 cr.)	TuF, 7-10 pm	Karl	65	401	September 13

ELKHART CLASSES

Conversational French	W, 8-9:15 pm	Grillo	15	Elkhart High School	
Interior Decorating	Th, 7:30-9 pm	Breckenridge	3	Elkhart High School	September 18
Parent-Teacher Institute	Tu, 7:30-9 pm	Lecturers	2	Elkhart High School	October 17
					November 5
BUSINESS					
Introduction to Accounting I, A201 (3 cr.)					
Section 4	Tu, 7-9:30 pm	Hammersmith	36	Elkhart High School	September 17
ENGLISH					
Freshman Literature I, L101 (3 cr.)					
Section 5	Th, 7-9:30 pm	Weir	36	Elkhart High School	September 12
MUSIC					
Appreciation of Music I, M174 (2 cr.)					
Section 2	Th, 4:30-6:30 pm	Deardorff	24	Elkhart High School	September 12

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
LA PORTE CLASSES					
Interior Decorating	Th, 7:30-9 pm	Breckenridge	3	La Porte High School	January 2
Parent-Teacher Institute	M, 7:45-9:30 pm	Lecturers	2	La Porte High School	October 21
Shakespeare	(See page 57)				
BUSINESS					
Introduction to Accounting I, A201 (3 cr.) Section 5	M, 7-9:30 pm	Hinton	36	La Porte High School	September 16
PLYMOUTH CLASS					
Human Development Workshop	M, 8-9:15 pm	Lecturers	0.50	Lincoln High School	October 14

Honor Students, 1956-57

Undergraduate students who achieve a superior scholastic rating (2.3 credit-point average) are formally recognized at the Annual Student Dinner of the University Center. All students, and their friends and families, are invited to participate with the faculty in this observance. The program includes music, discussion by a representative from the Bloomington campus of some aspect of university life which concerns the academic success of students, and the awarding of annual honors.

Students achieving the required honor list average for the first semester:

*Babcock, Nancy
*Blanchard, James A.
*Boigegrain, Leone H.
*Bordner, Betty L.
*Casto, Walter V.
*Cowen, Carolyn
*Frisoni, Delio L.
*Gaedtke, Magdalene D.
Gant, Ben
Hafner, David L.
Hosinski, Ronald
*Jones, D. Burdette
*Matthews, Doris
*Nobles, Beatrice B.
*Potucek, Dorothy
*Reading, Joyce M.
*Sexson, Tobe
*Stanton, Lillian
Svendsen, Martha
*Thompson, Helen C.
Uhl, Jerome W.
Wegener, Bessie A.
*Wegener, Dallas
*Williams, Esther M.
*Young, Leona F.
Zimmerman, Mary K.

Printing dates make it impossible to list the second-semester honor students for 1956-57 in this *Bulletin*. The names of these students will be listed in the Center's second-semester *Bulletin*.

NOTE: *Denotes part-time students who accumulate twelve semester hours of credit over two or more semesters.

Description of Credit Courses

The following University credit courses are offered at the University Center. Unless otherwise specified, the courses described below will be offered during the present year. Roman numerals following each course title indicate whether it is to be offered in the first semester (I), the second semester (II), or the summer session (III)—(see pages 15-24 for the first-semester schedule).

"Graduate credit" means credit earned *after graduation* from a four-year university course and intended for application toward an advanced university degree. This term should not be confused with the simple term "credit," which is used throughout the *Bulletin* to mean credit *toward graduation* with the A.B. or B.S. degree.

Art

See Fine Arts.

Business

A201. Introduction to Accounting I. (3 cr.) I, II, III

Prerequisite, twenty-five hours of university credit or consent of instructor. The accounting cycle, special journals and ledgers, adjustments of prepaid and accrued items, notes and interest, bad debts and depreciation, and business papers.

A202. Introduction to Accounting II. (3 cr.) I, II, III

Prerequisite, A201. Account numbers, expansion of journals, bills of exchange, practice set, interim statements, departmental accounting, the voucher system, partnerships, corporations, accounting for manufacturing, analysis of financial statements, and payrolls—taxes.

A205. Industrial Cost Accounting. (3 cr.) I

Prerequisites, A200 or A201 and A202. A thorough study of the accounting problems involved in collecting, analyzing, and controlling the cost of manufacturing a product or rendering a service. Emphasis is placed on these procedures as they affect job order cost with some attention to process cost techniques.

A208. Income Tax. (3 cr.) I

Prerequisites, A200 or A201 and A202. Study of the Internal Revenue Code and Regulations. Emphasis on incomes, expenses, exclusions, deductions, and credits for various types of businesses. The student becomes familiar with tax forms, especially as they apply to individuals. Payroll deductions and estimated taxes are included.

A211. Intermediate Accounting I. (3 cr.) I

Prerequisites, A200 or A201 and A202. Accounting process and statements, cash, receivables, inventories, plant and equipment, intangible assets, investments, liabilities, capital stock and surplus, and statement analysis.

A212. Intermediate Accounting II. (3 cr.) II

Prerequisite, A211. Statement of application of funds, partnerships, venture accounting, consignments, installment sales, insurance, agency and branch accounting, parent and subsidiary consolidated balance sheets, and statements of income and surplus.

A306. Advanced Industrial Cost Accounting. (3 cr.) II

Prerequisite, A205. A study of the basic principles of process costs, operation costing, and joint and by-product costing. Introduction to estimated and standard costs, management use of standards, special problems, and case studies.

A309. Advanced Income Tax. (3 cr.) II

Prerequisite, A208. Continued study of the Internal Revenue Code and Regulations with stress on the advanced aspects of incomes, deductions, exclusions, and credits, especially as they are related to the tax problems of estates, trusts, partnerships, and corporations. Emphasis is placed on tax forms and practical tax problem situations.

A313. Advanced Accounting Problems I. (3 cr.) I

Prerequisite, A306. Preparation of students for actual practice and C.P.A. examination. Topics include preparation, revision, and correction of statements; comparative statements; corporations; partnerships, actuarial science; funds and reserves; compound interest and annuities; and statement of application of funds.

A414. Advanced Accounting Problems II. (3 cr.) II

Prerequisite, A313. Continuation of A313, covering branch accounting, mergers and consolidations, foreign exchange, ventures, consignments, installment sales, insurance, realization and liquidation statements, and estates and trusts.

C221. Beginning Typewriting I. (1 cr.) I, II

C222. Beginning Typewriting II. (1 cr.) I, II

A dual-purpose course for students who have had no previous typewriting experience. Serves as a terminal course for students desiring short-term, elementary training for other than job purposes, and as a background course for those students desiring further training in other typewriting areas.

C241. Beginning Shorthand I. (1½ cr.) Not offered, 1957-58

C242. Beginning Shorthand II. (1½ cr.) Not offered, 1957-58

Prerequisite, C221 or taken concurrently with C221. Thorough coverage of principles of *Gregg Shorthand Simplified;* introduction to speed building. For students without previous instruction in shorthand. Plan of instruction permits students to progress as rapidly as they are able.

C251. Intermediate Shorthand I. (1½ cr.) I

C252. Intermediate Shorthand II. (1½ cr.) II

Prerequisites, C240 or C242 with a minimum grade of C; typewriting proficiency is required. Comprehensive study of principles and theory of *Gregg Shorthand Simplified;* dictation speed building and vocabulary building emphasized; introduction to transcription; students are grouped for instruction according to dictation and transcription ability.

L300. Business Law—Contracts. (3 cr.) I, II, III

Prerequisite for degree students, junior standing. Gives an understanding of the nature of legal institutions, of the essentials of a binding contract, of the legal rules relating to the performance of a contract, of remedies granted in event of breach of contract, and of rights acquired by assignment of contract.

L303. Business Law—Property, Sales, and Negotiable Instruments. (3 cr.) To be offered, 1958-59

Prerequisite, L300. Gives an understanding of the legal problems encountered in the marketing of goods. Treats of the nature of property, the sales of personal property, the securing of credit granted, and the nature and use of negotiable instruments.

L305. Business Law—Agency, Partnerships, and Corporations. (3 cr.) II

Prerequisite, L300. Various relations of principal, agent, and third persons are treated. Agency law is integrated with the law involving the creation, operation, and termination of partnerships and corporations. The rights and liabilities of persons engaged in, having an interest in, or dealing with such business organizations are thoroughly analyzed.

N300. Principles of Insurance. (3 cr.) II

Prerequisites, Business A201-A202, Economics E201-E202. A prerequisite for advanced courses in insurance. A survey course designed to acquaint the student with the general principles of insurance and their application to the various branches of the field.

P300. Principles of Management. (3 cr.) I

Prerequisites, Economics E201-E202. Designed to prepare students in the fundamentals of all phases of administrative staff and operative management. Successful management principles and techniques are given for all fields of business. These principles include: business objectives, policies, functions, executive leadership, organization structure and morale, operative procedures, and control procedures.

R300. Principles of Real Estate. (3 cr.) II

Prerequisites, Economics E201-E202. Location factors with special reference to the economic background of cities, city growth and structure, neighborhoods and districts; real estate market analysis; principal subdivisions of the real estate field. Attention is given to managerial policies of private enterprises and government agencies operating in the housing field.

W391. Comprehensive Examination. (Noncredit.) I, II, III

See Academic Counselor.

Chemistry

C101. A Descriptive Survey of Chemistry I. (5 cr.) III

This course is for students who do not intend to continue chemistry beyond the first year. A nonmathematical study of the composition of matter and of the laws governing its changes. Special emphasis is placed on the role of chemistry in its relationship to man and his environment. Lecture, recitation, and laboratory.

C105. General Chemistry. (5 cr.) I

Prerequisite, two years of high school algebra, or Mathematics M120, which may be taken concurrently. This course is for chemistry majors and others intending to continue the study of chemistry beyond the first year. Lecture, recitation, and laboratory.

C106. Inorganic Chemistry and Qualitative Analysis. (5 cr.) II

Prerequisite, C105, or C101 with grade of A, and Mathematics M120 or its equivalent. Further study of the principles of chemistry and of inorganic chemistry, particularly of the metallic elements, along with systematic qualitative analysis for the common metals and acid radicals. Lecture, recitation, and laboratory.

C210. Quantitative Analysis. (5 cr.) I

Prerequisite, C106. The theory and practice of gravimetric and volumetric analysis, gravimetric separations, and electrolytic and colorimetric methods of analysis.

C341. Organic Chemistry I. (5 cr.) II

Prerequisite, C106. This course is for chemistry majors. Emphasis is on basic principles, systematic nomenclature, principal reactions, and methods of synthesis. Considers all the major classes of carbon compounds. Lecture and laboratory.

C342. Organic Chemistry II. (5 cr.) To be offered, 1958-59

Prerequisite, C341. Further emphasis on basic principles, principal reactions, methods of synthesis, and fundamental theories. Includes introduction to organic chemistry of dyestuffs, pharmaceuticals, carbohydrates, and proteins. Lecture and laboratory.

Economics

E201. Principles of Economics I. (3 cr.) I, II, III

E202. Principles of Economics II. (3 cr.) I, II

Open to sophomores; freshmen may enroll when so advised by the Academic Counselor. A general introduction to economic principles and problems. Topics covered include: economic organization, production, consumption, distributin of wealth and income, money and banking, value and the pricing process, business cycles, risk and insurance, labor problems, problems of industrial monopoly, and international economic relations.

E370. Interpretation of Business and Economic Data. (3 cr.) I, II, III

This course is an examination of the collection and the tabular, graphic, and numerical analyses of quantitative data which take the form of the frequency distribution and the time series. Interpretation of results is emphasized.

Education

Undergraduate

E326-E327. Social Studies and Science for the Elementary Teacher I-II. (2-2 cr.) To be offered, 1959-60

A professional course which explores the sociological backgrounds of education and surveys subject matter, materials, and methods in the content areas of the elementary school. Offered only in University Centers.

E336-E337. Language Arts for the Elementary Teacher I-II. (2-2 cr.) To be offered, 1958-59

Provides intensive study of the development of language in the young child, the development of oral and written language in the elementary school, creative language, dramatics, handwriting, and spelling. The second semester is concerned with the teaching of reading in the elementary school. Offered only in University Centers.

E343. Arithmetic for the Elementary Schools. (3 cr.) II, III

A professional course which emphasizes the developmental nature of the arithmetic process and its place as an effective tool in the experiences of the elementary school child.

F100. Introduction to Teaching. (2 cr.) I, II

A combined lecture-laboratory course giving a brief introduction to the function of public education in society and of teaching as a profession. Major emphasis is placed upon assisting each student in studying the desired competencies in teaching, evaluating his own capacities, interests, and abilities, and planning his professional career.

M323. The Teaching of Music in the Elementary Schools. (2 cr.) II

For elementary school teachers; not open to music majors. Fundamental procedures of teaching music in the elementary schools, with much consideration given to music material suitable for the first six grades.

M333. Art Experiences for the Elementary Teacher. (2 cr.) II

Fundamental problems in the selection, organization, guidance, and evaluation of art activities, individual as well as group. Actual laboratory experiences with materials and methods of presenting projects are included.

X100. Practice in Reading and Study for Self-Improvement. (2 cr.) I, II, III

This course attempts: (1) to discover weaknesses in the student's methods of reading and study, and (2) to provide remedial exercises to correct these weaknesses. Although general problems concerning diagnosis and methods of study are discussed in regular classes, much of the work is done on an individual basis.

NOTE: The methods courses in Education *may not* be taken by undergraduate students working toward a degree from Indiana University. Such students are *required* to take all methods courses on the Bloomington campus. Methods courses at the Center are designed primarily for teachers working on a conversion program or those making up certain certificate deficiencies.

Graduate

C645. Directing Student Teaching in the Secondary School. (2½ cr.) I

Designed especially for supervising or critic teachers in secondary schools who have student teachers under their direction or for teachers interested in preparing for positions as directors of student teaching in teacher training institutions. Topics included are administration, selection, induction, planning and supervising of laboratory experiences, supervisory conferences, and evaluation.

F500. Education and Social Issues. (2½ cr.) I

Examines education as a social function, inquiring into the desirable role of the school with respect to problems of change and conflict in American culture. Basic social issues in American society are identified and studied from the point of view of their relevance for the work of the school.

H503. History of Education in Western Civilization. (2½ cr.) I

Aims at improving the student's grasp of educational problems through examining the historical impact of social institutions, forces, and movements upon education in the development of Western civilization. Includes consideration of the influence of church-state relations, social class structure, political organization, the rise of science, and technological and economic change.

P510. Psychology in Teaching. (2½ cr.) II

Basic study for the fifth-year student of psychological concepts and phenomena involved in public school teaching. Interpretation of representative problems and analysis of the teachers' assumptions about human behavior and its development.

P565. Mental Hygiene in School Practice. (2½ cr.) II

This course is designed to give teachers and other school personnel an opportunity to enhance their understanding of the dynamics of human adjustment. Social and emotional adjustment and personality integration will be stressed. In addition to systematic reading and discussion, case materials will be utilized.

S503. High School Curriculum. (2½ cr.) II

A philosophical, psychological, and sociological discussion of the modern secondary curriculum. Both theoretical and practical phases are discussed, interpreted, and evaluated.

S506. Extracurricular Activities in the Secondary Schools. (2½ cr.) II

A comprehensive consideration of all phases of an extracurricular program. Open to elementary as well as to junior and senior high school teachers and administrators.

S603. Problems in Secondary Education. (2½ cr.) I

Prerequisite, Education S503. The group decides upon some common problem in the field of secondary education and endeavors to find an answer.

English

L101. Freshman Literature I. (3 cr.) I, II, III

L102. Freshman Literature II. (3 cr.) I, II, III

This course presents a study of literary masterpieces from Homer's time to the present. The aims are: to teach thoughtful, intensive reading; to introduce the student to some of the aesthetic values inherent in literature; and to make the student aware of the enjoyment that may be derived from reading.

L203. Introduction to Drama. (3 cr.) To be offered, 1958-59

No prerequisite. A course designed to develop: ability to understand and appreciate drama; acquaintance with a representative group of significant plays; knowledge of characteristics of drama as a type of literature and of special problems involved in understanding it; critical ability to discriminate between plays and evaluate them.

L204. Introduction to the Novel and Short Story. (3 cr.) II

No prerequisite. A course designed to increase the student's ability to understand and enjoy good fiction, through the reading and discussion of short stories and novels which illustrate the ingredients of fiction, structural technique in the novel, various philosophies of fiction, and the thematic scope of the novel.

L205. Introduction to Poetry. (3 cr.) To be offered, 1958-59

No prerequisite. Designed to teach students how to read and enjoy poetry. The objectives are to acquaint students with a selection of great poetry, to afford a knowledge of the characteristics of poetry as a type of literature, and to develop the critical ability to judge poetry intelligently.

L220. Introduction to Shakespeare. (3 cr.) III

No prerequisite. An introduction to Shakespeare, with rapid reading of the greatest of his works. Open to all students.

L333. Major Victorian Writers I. (3 cr.) To be offered, 1958-59

Major Victorian authors are studied against the social and philosophical background of their time. Emphasis is given to the writings of Tennyson and Arnold, and to the impact of science and higher criticism upon Victorian literature.

L334. Major Victorian Writers II. (3 cr.) To be offered, 1958-59

Major Victorian authors are studied against the social and philosophical background of their time. Emphasis is given to the writings of Browning and Carlyle, and to the reaction of Victorian writers to utilitarianism as the popular doctrine of the age. (L333 is not a prerequisite.)

L347. The English Novel to 1800. (3 cr.) I

The development of the novel in England is studied by reading approximately twelve novels by representative writers, including Defoe, Richardson, Smollett, Sterne, and Austen.

L354. American Literature II. (3 cr.) I

L355. American Literature III. (3 cr.) II

A broad survey emphasizing not only the chief American writers and their work but also cultural trends and principles that have been basic in American life and thought. L354 covers the first half of the nineteenth century; L355, the second half of the nineteenth century.

L358. Twentieth-Century American Fiction. (3 cr.) I

A study of the principal American writers of fiction since 1900, including such figures as Dreiser, Cather, Lewis, Fitzgerald, Dos Passos, Hemingway, and Faulkner, and considering the use of realism, the 1920's and the Lost Generation, the era of social consciousness and nostalgia, and the postwar novel.

L359. The American Novel: Cooper to Dreiser. (3 cr.) To be offered, 1958-59

A detailed study of representative nineteenth-century American novels.

L363. American Drama. (2 cr.) II

A study of plays illustrating the development of native drama from its beginnings to Eugene O'Neill.

L390. Children's Literature. (3 cr.) I

A study of historical and modern children's books and selections from books, designed particularly to assist future teachers, parents, librarians, or others to be able to select the best in children's literature for each period of the child's life.

W101. Elementary Composition I. (2 cr.) I, II, III

W102. Elementary Composition II. (2 cr.) I, II, III

W103. Elementary Composition III. (2 cr.) I, II, III

This is a progressive course in written English beginning with the establishment of acceptable standards and the acquirement of fundamental skills in writing, and proceeding to intensive treatment of particular problems of exposition.

Fine Arts

H100. Art Appreciation. (2 cr.) I, II

The objectives are to acquaint students with outstanding works of art and to provide an approach to appreciation through a knowledge of purposes, techniques, form, and content. Required for elementary teachers' certificates.

S235. Freehand Drawing I. (3 cr.) To be offered, 1958-59

Prerequisite, S135. Study of composition; exploration of techniques; problems of representation; emphasis on individual expressiveness and experimentation with subject matter.

S255. Crafts and Design I. (2 cr.) I

S256. Crafts and Design II. (2 cr.) II

The relation of basic visual fundamentals to craft materials. First semester planned to meet the needs of elementary teachers and camp and recreational workers. Second semester includes more intensive work on specialized crafts, such as weaving, leather, printing on textiles, designing of small accessories in metal and wood, and puppetry.

S333. Oil Painting I. (3 cr.) I, II

S334. Oil Painting II. (3 cr.) I, II

Prerequisite or concurrent, S135 or consent of instructor. Painting from still life and other subjects. An introduction to the technique of oil painting and to representation in color.

S335. Freehand Drawing II. (3 cr.) To be offered, 1958-59

A continuation of S235.

S345. Life Drawing I. (2 cr.) To be offered, 1958-59

S346. Life Drawing II. (2 cr.) To be offered, 1958-59

Prerequisite, S135 or consent of instructor. Introduction to the drawing of the male and female figures in pencil, pen and ink, conte crayon, ink wash, and resist.

S433. Oil Painting III. (3 cr.) I, II

Prerequisite S334 or permission of instructor. This course is for advanced students.

French

F101. Elementary French I. (5 cr.) To be offered, 1958-59

F102. Elementary French II. (5 cr.) To be offered, 1958-59

This course covers the fundamentals of grammar and pronunciation. Considerable drill on oral and aural skills by means of frequent dictation and comprehensive exercises. Some composition. Considerable practice in spoken French and reading of easy fiction constitute the course.

F201. Second-Year Composition and Oral Practice I. (2 cr.) I

F202. Second-Year Composition and Oral Practice II. (2 cr.) II

Prerequisite, F102. This course is conducted in French in so far as possible and comprises a continuation of oral practice; dictation, conversation; simple themes and letters composed in French; continued recognition drill in grammatical forms. Oral work is considered a help to written work.

F211. Modern French Prose I. (3 cr.) I

F212. Modern French Prose II. (3 cr.) II

Prerequisite, F102. Includes fictional works of Dumas père, Balzac, Daudet, Mérimée, and Maupassant, easy modern plays, and outside readings in French culture according to the choice of the student.

Geography

G101. Elements of Geography I. (3 cr.) I

An introductory course including map interpretation, the earth's relation to the solar system, landforms as human habitats, and water, soil, and mineral resources. This course may be followed by G102 (for Group III A credit), G200, or G203, to give a rounded picture of world geography.

G102. Elements of Geography II. (3 cr.) II

A description and explanation of world climatic and vegetation regions. Includes an introduction to the study of weather. Together with G101 satisfies Group III A requirements in the College of Arts and Sciences.

German

G101. Elementary German I. (5 cr.) I

G102. Elementary German II. (5 cr.) II

G201. Second-Year Composition and Conversation I. (2 cr.) To be offered, 1958-59

G202. Second-Year Composition and Conversation II. (2 cr.) To be offered, 1958-59

G211. Second-Year Reading I. (3 cr.) To be offered, 1958-59

G212. Second-Year Reading II. (3 cr.) To be offered, 1958-59

Government

G103. Introduction to American Government I. (3 cr.) I, II, III

A brief general introduction to the nature of government and its various forms and to modern theories of its function, followed by a specific treatment of the origin and nature of the American federal system and its present political party base.

G104. Introduction to American Government II. (3 cr.) I, II, III

Prerequisite, G103. The study of the structure and function of American national, state, and local government.

G213. Introduction to World Politics I. (3 cr.) To be offered, 1958-59

This course considers the causes of war, nature and attributes of the state, imperialism, nature and development of international law, national sovereignty, arbitration, adjudication, and international organization.

G214. Introduction to World Politics II. (3 cr.) To be offered, 1958-59

A continuation of G213, taking up the position of the United States in world politics. An examination of the role of the President, Congress, public opinion, the State Department, and other agencies of the government in the conduct of American foreign policy.

G363. European Parliamentary Governments. (3 cr.) I

Prerequisites, G103-G104 or consent of instructor. The parliamentary system as the major democratic alternative to presidential government. Emphasis on the structure and functioning of the British parliamentary regime and on its modification in France. Attention given to the pertinent parliamentary experiences of Germany and Italy.

G364. European Totalitarian Governments. (3 cr.) II

Evaluation of the main totalitarian systems from the point of view of modern political thinking and the western concepts of government. Emphasis on the development of Soviet political theory and the actual institutions and methods of government in the U.S.S.R.

Health, Physical Education, and Recreation

R170. Nature and Practice of Play. (2 cr.) I

For men and women. Required for the four-year elementary teacher-training course, and of those taking a major or desiring a certificate in physical education. Games, theories of play and recreation, methods of organization, techniques of game conduct, proper placement of games as to age, equipment, variations of games, and incentives.

History

H103. History of Western European Civilization I. (3 cr.) I

H104. History of Western European Civilization II. (3 cr.) II

Decline of Roman civilization; barbarian invasions; rise, flowering, and disruption of the medieval Church; rise and decline of feudalism; growth of national monarchies; rise of middle class; development of parliamentary institutions, liberalism, and political democracy; industrial revolution, growth of capitalism, and socialist movements; modern nationalism, imperialism, international rivalries, and wars.

H105. American History: General Course I. (3 cr.) I, II, III

H106. American History: General Course II. (3 cr.) II, III

A survey of England to 1688, divided roughly into the medieval Tudor, and Stuart and the National period to 1860. The second semester begins with 1860 and continues to the present. Political history forms the framework, but economic, social, cultural, and intellectual history are interwoven. An introduction to historical literature, source material, and criticism is included.

H308. English History: General Course I. (3 cr.) To be offered, 1958-59

A survey of England to 1688, divided roughly into the medieval, Tudor, and Stuart periods. Emphasis on political and constitutional development, particularly in relation to religious movements such as the Henrician Reformation and Puritanism. Attention is given to literary figures and trends.

H309. English History: General Course II. (3 cr.) To be offered, 1958-59

A survey of Britain from 1688 to the present. Emphasis on political and economic movements such as Liberalism and Socialism arising out of the industrialization of Britain. Attention is given to literary figures and trends.

H333. American Colonial History I. (2 cr.) I

H334. American Colonial History II. (2 cr.) II

The European background of the New World: emergence of national states; commercial revolution; contacts with the Orient. Discovery and exploration of the New World by Spain, France, and England. Colonization: motives and causes; types of colonies. Period of conflict and development from the Glorious Revolution to the American Revolution.

H337. Recent United States History I, 1865-1900. (2 cr.) To be offered, 1958-59

H338. Recent United States History II, 1901-1940. (2 cr.) To be offered, 1958-59

Prerequisite, H105 is recommended. A course of junior-senior level. Emphasis is evenly distributed between political, economic, and social history. Each student is required to do some study in the scholarly special works and in the source material.

H373. The American Middle West I. (3 cr.) I

H374. The American Middle West II. (3 cr.) II

The French and British periods, American Revolution, settlement of the Ohio Valley, and national, land, governmental, and Indian politics. Formation of Ohio, Indiana Territory, statehood in Indiana, territorial Illinois, population movements; antislavery, land, currency, and internal improvement policies; Jacksonian constitutions; and minority movements during and after the Civil War.

Home Economics

H206. Nutrition. (2 cr.) I, II

The food needs of normal individuals of different ages; the selection of food for health; a study of the nutritional status of the people of the United States.

Mathematics

M110. Intermediate and College Algebra. (5 cr.) I, II, III

Prerequisite, one year of high school algebra. Students with three semesters of high school algebra receive three hours of credit; students with four semesters receive none. The number system, fundamental operations, quadratic equations, graphical representation, systems of equations, progressions, permutations and combinations, the binomial theorem, determinants, and elements of theory of equations.

M120. College Algebra. (3 cr.) I, II, III

Prerequisite, one and one-half years of high school algebra. Students with four semesters of high school algebra receive no credit for this course. This course covers the same ground as Mathematics M110, except that less time is devoted to a review of elementary topics.

M130. Trigonometry. (2 cr.) I, II, III

Prerequisite, M110; prerequisite or concurrent, M120. Students with high school trigonometry receive no credit for this course. Definition and fundamental properties of the trigonometric functions, identities, inverse functions, graphs, radian measure, addition formulas, logarithms, solution of triangles with applications, and trigonometric equations.

M161. Plane Analytic Geometry I. (2 cr.) II, III

M162. Plane Analytic Geometry II. (2 cr.) II, III

Prerequisites, M110 or M120, and M130. Co-ordinate systems, loci, equations of curves, and a systematic study of the straight line, the circle, the conic sections, and the general equation of the second degree.

M374. Elementary Calculus I. (4 cr.) I

M375. Elementary Calculus II. (4 cr.) II

Prerequisite, or concurrent, M161-M162. The fundamental parts of differential and integral calculus, with emphasis on fundamental ideas, infinite series, Maclaurin and Taylor series, and applications.

Mechanical Drawing

Purdue University Courses

The course in engineering graphics offered by Purdue University as part of the freshman year of engineering is included in the program on page 64.

CE118. Engineering Graphics. (3 cr.) **II**

Music

M174. Appreciation of Music I. (2 cr.) **I, III**

How to listen to music; art of music and its materials; creator and creation of music; instruments and the musical forms. Examples by use of records, films, and live music.

M175. Appreciation of Music II. (2 cr.) **II**

Music of the nineteenth and twentieth centuries; music of Beethoven; the Romanticists; the National schools; Wagner; Brahms; music in America and the "moderns."

Applied Music. **I, II**

Students interested in enrolling for applied music courses are asked to see the Academic Counselor.

X110. *A Cappella* Singers (Lyric Choral Society). (1 cr.) **I, II**

Membership is open to persons interested in choral work.

Physics

P201. General Physics: Mechanics, Heat, and Sound. (5 cr.) **I, III**

Prerequisites, Mathematics M120 and M130. Lecture, recitation, and laboratory.

P202. General Physics: Light, Electricity, and Magnetism. (5 cr.) **II**

Prerequisite, P201. Lecture, recitation, and laboratory.

Psychology

P101. Introductory Psychology I. (3 cr.) **I, II, III**

Introductory survey of the field of general psychology. May be followed by P111 for five hours of science credit or by P102 and P111-P112, for ten hours of science credit.

P102. Introductory Psychology II. (3 cr.) **II**

Prerequisite, P101. A continuation of the study of general introductory psychology with special reference to such fields as physiological, clinical, social, abnormal, industrial, and vocational psychology.

P234. Mental Hygiene. (3 cr.) **I, III**

Prerequisite, three hours of psychology. Discussion of human behavior disorders and hypotheses concerning their etiology and treatment, emphasizing prevention. Credit will not be granted for both P234 and P324. Credit for P234 may not be used to satisfy requirements for a concentration group in the College of Arts and Sciences.

P316. The Psychology of Childhood and Adolescence. (3 cr.) **I**

Prerequisite, five hours of psychology. A study of the development of behavior in infancy, childhood, and youth, including a survey of the factors which influence various kinds of behavior. Examination of the literature on adolescence and training to interpret adolescent behavior problems.

P319. The Psychology of Personality. (3 cr.) To be offered, 1958-59

Prerequisite, five hours of psychology. Methods and results of the scientific study of personality. Attention is given to the basic concepts of personality traits and their measurement, the developmental influences, and the problems of integration. Theories of organization, types, and methods of analysis are critically evaluated.

P324. Abnormal Psychology. (3 cr.) **III**

Prerequisite, five hours of psychology. A first course in the field of abnormal psychology with emphasis upon forms of abnormal behavior, etiology, developmental course, interpretations, and final manifestations.

P325. The Psychology of Learning. (3 cr.) **II**

Prerequisite, five hours of psychology. The methods, findings, and theories of learning and conditioning, with emphasis on the nature of the learning process and the variables affecting learning.

Sociology

S161. Principles of Sociology. (3 cr.) **I, II, III**

This course describes and interprets the nature of interpersonal relationships, societies, groups, and communities, and such institutional areas as the family, industry, and religion: the social process operating within these areas; their significance for problems of personality, human nature, social disorganization, and social change.

S162. Society and the Individual. (3 cr.) **II**

Prerequisite, S161. A study of personality and its development; its relationship to culture and communication, and to the social settings within which human beings live; deviant types.

S316. The Family. (3 cr.) **I, III**

Prerequisite, S162 or S163. This course considers the family as a social institution, changing family folkways, the family in relation to development of personality of its members, disorganization of the family, and predicting success and failure in marriage.

S325. Criminology. (3 cr.) **II**

Prerequisite, S162 or S163. Factors in genesis of crime and organization of criminal behavior from the points of view of the person and of the group.

Spanish

S101. Elementary Spanish I. (5 cr.) **I**

S102. Elementary Spanish II. (5 cr.) **II**

Not open to those who are beginning French except by special authorization. Exercises in pronunciation and intonation, elementary grammar, simple conversation, and reading. Use made of films, records, and other audio-visual aids.

S201. Second-Year Spanish Composition and Conversation I. (2 cr.) To be offered, 1958-59

S202. Second-Year Spanish Composition and Conversation II. (2 cr.) To be offered, 1958-59

Prerequisite, S102 or equivalent. Review of grammar, practice in composition and conversation, translation from English into Spanish, and drill on idiomatic expressions. Use made of audio-visual aids.

S211. Modern Spanish Prose I. (3 cr.) To be offered, 1958-59

S212. Modern Spanish Prose II. (3 cr.) To be offered, 1958-59

Prerequisite, S102 or equivalent. Readings of material relative to Spanish-speaking countries, modern novels, short stories, and plays. Exercises in translation.

Speech

S121. Public Speaking I. (2 cr.) **I, II, III**

S122. Public Speaking II. (2 cr.) **II, III**

This is a basic course in the theory and practice of public speaking, giving training in thought processes necessary to organized speech content, personality, components of effective delivery, and use of voice, body, and language. The second semester emphasizes critical evaluation of and practice in presenting various types of speeches.

S223. Business and Professional Speaking. (3 cr.) **I**

Experience in the preparation and presentation of types of speeches frequently made in the business and professional occupations: oral report, argumentative followed by questions from audience, persuasive, and group discussion. A portion of the course is devoted to practice in parliamentary procedure.

S160. Speech Correction for Classroom Teaching. (3 cr.) **II**

This is an introductory course in classification and methods of therapy for speech and hearing disorders. Special emphasis is placed on rehabilitation which can be given by the teacher to children in a classroom situation. The course is practical for the average teacher.

Zoology

Z103. Animal Biology. (5 cr.) **I, II**

No prerequisites. This course is designed to emphasize the interdependence of all living things. Certain type forms, for example, frog, crayfish, earthworm, etc., are used to demonstrate general biological principles. Problems of body function, inheritance, development, and evolution are studied and their application to human biology is considered. Includes laboratory.

Adult Education

Noncredit courses

A primary purpose of the University Center is to offer educational opportunities to all adults who can profit therefrom. Whether high school graduates or not, adults may enroll in the regular University credit courses as auditors and in any of the noncredit courses listed on the following pages. These noncredit public lecture series and adult study courses are offered at nominal rates. The fees for such courses may not be deferred and are due at enrollment. *Single admissions and refunds are not available.* Enrollment in these courses has been made a relatively simple procedure (see page 68 for enrollment form). When necessary to limit the number of enrollees in a class, only those who have already completed their enrollment can be assured space in the class. If a course is canceled, a complete refund is available or the student may transfer to another course.

American Government

Organization and Function of the City and County Governments

The following series of lectures is jointly sponsored by the League of Women Voters, the Young Republican Club, the Young Democratic Club, and the Indiana University Center. Its purpose is to inform interested citizens on the structure and function of their local government. Lectures will be given by present and former officials representing the major political parties. The final lecture, to be given by an instructor in government at Indiana University, will compare the actual organization and operation of local government and the latest findings based on research in the field. A question and answer period will follow each lecture.

Meetings will be held on the indicated Wednesdays from 8 to 9:15 p.m., in Room 108, Central High School. Enrollments may be made through officers of the above organizations, or at the Indiana University Center, Room 220, Central High School. Fee: $1. Students: $0.25.

September 18. City Government: Organization and operation of the administrative and judicial branches
Irving Hurwich, former City Attorney of South Bend and Mishawaka

September 25. City Government: Composition and function of the Common Council
George Carr, City Councilman, South Bend

October 2. City Government: Organization and operation of the administrative and judicial branches
E. Spencer Walton, Judge of Superior Court No. 1, St. Joseph County

October 9.	County Government: Legislative structure and function Robert Doolittle, former Commissioner, St. Joseph County
October 16.	Relationship Between State and Local Government: Recently enacted and proposed legislation affecting the city and county governments Jesse Dickinson, State Representative
October 23.	Local Government—Practice and Theory

Areas of American Mission Interest

The Indiana University Center, in co-operation with the South Bend Council of Church Women, presents this series of lectures dealing with areas vital to American missionary endeavor. Lecturers with first-hand experience in Japan will describe, compare, and contrast life therein with life in the United States. Similarly, leading American church people will speak on the subject of racial integration as it relates to the church.

October 8.	An Effective Approach Toward Racial and Cultural Understanding	Chester L. Marcus
October 15.	Practical Problems of Integration	Mrs. Cynthia Wedel
October 22.	Japan As It Is	Miss Kazuko Yonetsu
October 29.	The Hiroshima Project: More Than Physical Scars Were Healed	Mrs. Ida Day

Lectures will be held on the above Tuesdays from 10 to 11:15 a.m., in the First Methodist Church. Fee for the series will be $2. No meetings will be open to visitors.

Introduction to Art

An introductory and comparative study of a few great periods in art. The objectives are to acquaint students with selected masterpieces of art and to foster an appreciation of art through an increased knowledge of materials, techniques, form, and content.

Included in the course are such subjects as Primitive Art of Prehistory and the Twentieth Century; Empathy in Art; Romanesque and Gothic Art and Architecture; Aesthetic Principles of Cognition; Renaissance Paintings, Impressionism; the Movements of the Twentieth Century; the Catharsis Theory in Art; Twentieth-Century American Painting. Films are shown of most great periods; and a tour of the Chicago Art Institute offers the opportunity for class discussion of great works in its galleries.

This course is taught by John Bednar, of the South Bend Art Association, each Wednesday, 2 to 4 p.m., starting September 18 and continuing for the entire semester. Classes are held at the Art Center, 620 West Washington. Fee: $5.

This course may be taken by credit students for two hours of credit in Art Appreciation H100. Fee: $24.

Audubon Wildlife Screen Tours

The University Center co-operates with the South Bend Audubon Society in the presentation of outstanding illustrated lectures on natural history. These lectures include all-color motion pictures on a variety of nature subjects. They run a gamut from birds, insects, fish, and mammals, to water, soil, scenery, and flowers. All programs are presented in the Auditorium of the Central High School. Admission fee for the series: $2.50 for adults; $1 for school children. No single admissions. Those who send checks in appropriate amount, along with names and addresses, will be mailed an associate membership and admission card and also a copy of the program for the year. Checks may be sent to the Indiana University Center but should be made payable to the South Bend Audubon Society.

The program for 1957-58 will be announced.

C.P.A. Review Problems

This course is a general and comprehensive study of auditing, accounting theory, and accounting practice, designed as special review and additional preparation for those taking the Indiana C.P.A. examinations. The class will meet for seventeen Wednesday evenings from 7 to 9:30 p.m., beginning September 18, in Room 216 of Central High School. Robert N. Robinson, C.P.A., will be the instructor. Fee: $30. Information regarding C.P.A. examinations and related questions may be obtained from the State Board of Accountants, 304 State House, Indianapolis, Indiana.

I. U. Center Concert Series

Fifth Annual Series

Through the generous co-operation of the Indiana University School of Music, the University Center presents an adult education series of four concerts. The co-sponsor of the series is the Progress Club of South Bend. The artists are members of the faculty of the School of Music. The series is intended to provide a planned educational experience in classical and contemporary vocal and instrumental music.

The following programs have been arranged:

October 13.	Walter Robert, pianist
November 10.	Opera Workshop
January 12.	Indiana University Symphonette
February 9.	Indiana University Brass Choir

All concerts will be held from 3 to 4:15 p.m. on Sunday afternoon, in the Progress Club Auditorium, 601 West Colfax Avenue. The fee for the entire series will be $3. High school students may enroll for the series for $1. Enrollments may be made at the Office of the University Center, or by mail on the application form contained on the last page of this *Bulletin*.

Conversational French

Elkhart

A noncredit course which provides drill in pronunciation, phrasing, and diction of the French language. The course will emphasize aural comprehension, and, through practice in common verbs and practical vocabulary development, will aim toward developing a fluency of speech for everyday use.

Prerequisite, one year of French or consent of instructor. This course represents an excellent refresher or conversation course for those having minimum training in the language. Useful for tourists.

Text for the course will be *Conversational French* by Harris and Leveque. The class will meet in Elkhart High School on Wednesday, from 8 to 9:15 p.m., beginning September 18. Classes meet for twelve weeks. Fee: $15. The instructor in the course will be Mrs. Oliva Grillo.

Creative Writing

This course is designed to aid those who are doing creative writing and those who are engaged in teaching composition. The instruction will be to a great extent individualized. There will be practice, guidance, and criticism in the writing of articles and stories.

Students in this seminar should have proficiency in composition and be genuinely interested in presenting papers for suggestions and criticism. Enrollment is limited to twenty-five students. John Lynch, author, will be the instructor. The course is offered on sixteen successive Fridays from 7:30 to 9:30 p.m., in Room 205, starting September 13. Fee: $15.

Current Issues in Labor Management Relations

Union Gains and Productivity

The University Center, through its Industrial Education Advisory Council, announces a series of lectures designed to bring labor and management personnel together for examination and discussion of ever-increasing productivity and its relationship to wages, labor benefits, and prices.

The meetings will be held on four consecutive Tuesdays, in Room 114 of Central High School, from 7:30 to 9 p.m., beginning September 17. At the close of each lecture, small groups will be organized for the purpose of formulating questions for discussion. Fee: $3.

September 17. Relationship Between Increasing Productivity and Labor Relations
Henry Evjen, Director of Management Training and Development, Footwear and General Products Division, United States Rubber Company

September 24. Relationship Between Productivity and Union Gains
Lecturer to be announced

October 1. The Effect of Automation and Other Technical Advances On Future Productivity
Duncan W. Murphy, Director of the Bureau of Industrial and Labor Services, Indiana University

October 8. Good Steward-Foreman Relationships
Douglas D. Brown, U.S. Commissioner, Federal Mediation and Conciliation Service, Chicago

Family Financial Management

With proper financial management and intelligent market selection, families can often greatly increase the amount of actual goods and services obtained with a given income and can make more adequate provision for the future. This series is designed to help the average family achieve a more intelligent use of personal income. The co-sponsor is the St. Joseph County Home Demonstration Association.

September 18. Family Financial Management
Arthur T. Taitt, Faculty Lecturer in Finance, Indiana University
A discussion of plans for the systematic handling of income and expenditures, and suggestions for the use of a family budget.

September 25. The Wise Use of Consumer Credit — Mr. Taitt
An explanation of the various types of credit, credit instruments, interest, payment plans, etc., with suggestions for their proper use.

October 2. Housing the Family — Ben H. Drollinger, Realtor
Suggestions for determining housing needs and for obtaining better housing for a given expenditure and an appraisal of renting vs. ownership.

October 9. Government Services to the Consumer
Mary M. Crawford, Associate Professor of Economics, Indiana University
Public services that help to increase the consumer's real income. Investigation of federal and state laws as they affect consumer buying.

October 16. Providing for the Future — Murray Trescott, Banker
The importance of provisions for the future and suggestions for planned savings and the use of insurance and investments.

This class will meet on the five Wednesday evenings listed above, from 8 to 9:15 p.m., in Room 225 of Central High School. Fee: $2. No meetings will be open to visitors.

I. U. Center Film Forum

The Foreign Film

The Indiana University Center, in co-operation with the Sinai Sisterhood, will present a series of outstanding foreign sound films (35mm). This series, which represents the finest examples of foreign cinematography, is presented with a view toward bringing to students and others an insight into the important achievements which have been made in this medium by foreign countries.

The films are scheduled as follows (subject to revision):

October 23. *Umberto D.* (Italian with English subtitles)
Directed by Vittorio DeSica, winner of the New York Film Critics Award, "Best Foreign Language Film of the Year"

November 20. *Masquerade in Vienna.* (German with English subtitles and commentary)
Featuring the voice of Caruso in "Rigoletto" and the Vienna Philharmonic Orchestra with Anton Walbrook

December 11. *The Proud and the Beautiful.* (French with English subtitles)
Based on a story by Jean Paul Sartre; directed by Yves Allegret, with Michele Morgan; filmed in Vera Cruz

January 15. *The Night My Number Came Up.* (English)
A study in suspense, produced by J. Arthur Rank, with Michael Redgrave and Alexander Knox

Selected short subjects will also be included in the series.

These films will be shown twice nightly at 7:30 and 9:15 p.m. on Wednesday, at the River Park Theatre, 2927 Mishawaka Avenue, South Bend. Membership in the film forum is open to all interested persons. Enrollment fee is $2.40 for the series. Enrollments may be made through members of the Sinai Sisterhood or at the Indiana University Center. Enrollments should specify the hour which the enrollee will attend.

Garden Clinic

Series III

Landscape Design of the Home Garden

This series of lectures and discussions is designed to treat gardening problems. Practical and tested solutions, as they have been derived scientifically, will be offered to the amateur and professional gardener.

The series on landscape gardening, which is co-sponsored by the South Bend Garden Club, will be conducted by Joseph Bauman. Audio-visual material will be used with each lecture.

September 13. Influences of Gardens of Foreign Lands upon the American Garden

September 20. Design Related to the Entire Home Landscape
Unity, coherence, simplicity in design

September 27. How to Use Flowering Shrubs and Trees for Landscape Effects

October 4. Use of Evergreens in Garden Design

October 11. The Garden Month by Month
Consideration of flowers and arrangements for the best effects each month

The clinic will be held each Friday, from 8 to 9:15 p.m., in Room 315. No meetings will be open to visitors. Fee: $3.

Gerontology

Problems of the Senior Citizen

In co-operation with the St. Joseph County Council of Community Services and other interested organizations, the University Center presents a series of lecture-discussions dealing with the problems of the aged and aging. It is planned to be helpful, not only to retired people, but also to those who are preparing for retirement. Subjects to be covered will include housing, income maintenance, physical and mental aspects of aging, and social adjustments.

Outstanding authorities in the above fields will conduct the sessions. Time and place of meetings will be announced.

Human Development Workshop

Plymouth

Problems of Preadolescence and Adolescence

This series of lectures and discussions is presented by the University Center with the co-sponsorship of the Plymouth Chapter of the American Association of University Women, the Plymouth Parent-Teacher Associations, and the Marshall County Parent-Teacher Associations. It is designed to encompass a comprehensive review of some of the crucial problem areas of child rearing.

October 14. The Shy Child and the Outgoing Child
John E. Hughes, Sociologist

October 21. Hostility and Discipline
James Smyth, Sociologist

October 28. Parental Attitudes Toward Sexual Development
Richard Shriner, Psychiatrist

November 4. Over-Protection and Rejection
Walt Risler, Sociologist

Meetings will be held in the Auditorium of the Lincoln High School in Plymouth on the above Mondays, from 8 to 9:15 p.m. Persons enrolling in the workshop may obtain their admission cards through their local P.-T.A.'s and A.A.U.W. members, or may enroll through the Indiana University Center for a fee of $0.50.

Insurance

Fire and Marine Insurance

This is a two-semester program; subjects to be covered include fire insurance and collateral lines, inland marine insurance, and a few miscellaneous lines.

The class will meet for seventeen Mondays, from 5:30 to 7:30 p.m., starting September 16, in Room 314 of Central High School. Ned Brooks will be the instructor. Fee: $30.

Casualty Insurance will be offered during 1958-59 if there is sufficient demand. Fire and Marine Insurance will probably not be offered again until 1959-60.

Interior Decorating

September 12.	Fundamentals in Decorating
September 19.	Color in Paint: Mixing and Applying
September 26.	Planning Color Schemes for the Home
October 3.	Walls and Wallpapers
October 10.	Fabrics: Drapery and Upholstery

This series of five lectures on interior decorating will be delivered by Elton Breckenridge, lecturer, designer, and teacher, of Chicago. Mr. Breckenridge will illustrate his lectures with materials and slides.

Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago and is at present teaching interior decorating at the Institute. He also does professional decorating.

The fee for the series will be $3. The class is scheduled to meet on Thursday, from 7:30 to 9 p.m., in Room 114 of Central High School. The class is limited in size. No meetings will be open to visitors.

Interior Decorating

Elkhart

October 17.	Living Rooms Are for Living
October 24.	Furniture and How to Judge It
October 31.	The Value of Accessories in the Home
November 7.	How to Start a Decoraiton Scheme
November 14.	Decorating in the Contemporary Manner

This series of five lectures on interior decorating will be delivered during the fall semester by Elton Breckenridge, lecturer, designer, and teacher, of Chicago. Mr. Breckenridge will illustrate his lectures with materials and slides.

Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago and is at present teaching interior decorating at the Institute and at the Pestalozzi-Froebel Teachers College. Mr. Breckenridge does professional decorating.

The fee for the series is $3. The class is to be held each Thursday evening, from 7:30 to 9 p.m., in Elkhart High School. Enrollments may be completed at the Elkhart High School with E. T. Organ. No meetings will be open to visitors.

Interior Decorating

La Porte

January 2.	Ten Guide Posts in Decorating
January 9.	Color and How to Use It
January 16.	Backgrounds for Living
January 23.	Windows and Their Treatment
January 30.	You and Your Home

This series of five lectures on interior decorating will be delivered during the fall semester by Elton Breckenridge, lecturer, designer, and teacher, of Chicago. Mr. Breckenridge will illustrate his lectures with materials and slides.

Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago and is at present teaching interior decorating at the Institute and at the Pestalozzi-Froebel Teachers College. He also does professional decorating.

The fee for the entire series is $3. The class is scheduled to be held on Thursday from 7:30 to 9 p.m., in the La Porte High School. Enrollments may be completed on the form contained in this *Bulletin* or with Henry Schulze of the La Porte High School. No meetings will be open to visitors. The class is limited in size.

International Relations

Twenty-fourth Annual Series

The University Center co-operates with the South Bend International Relations Council in presenting its annual lecture series. The speakers are nationally known and their discussions treat current international trends and problems. All meetings are in the South Bend Central High School Auditorium. Programs for the 1957-58 series are available at the University Center. The lectures begin at 8 p.m., and are followed by a question period.

Membership in the International Relations Council is open to interested individuals and includes free admission to the annual series and such additional meetings as may be scheduled. Adult memberships are $2.50; student memberships are $1 (open to students enrolled in credit classes at the University Center).

Introduction to Psychoanalysis

Series I

The Theory and Application of the Principles of Sigmund Freud

A discussion of the principles of psychoanalysis as set down by Freud is presented in this series of lectures designed for the layman with no technical training in the area of psychology or psychiatry. Emphasis in the series is placed on those aspects of Freud's work which are relevant to contemporary psychiatric medicine.

This series will be conducted by Dr. Grant E. Metcalfe, Assistant Professor of Psychiatry in the Indiana University School of Medicine.

The topics to be discussed are outlined from Freud's *Introductory Lectures on Psychoanalysis* and include the following:

September 12.	Basic Concepts of Psychoanalysis
September 19.	How Character and Personality Develop
September 26.	Repression
October 3.	The Theory of Dream Interpretation
October 10.	An Evaluation of the Contributions and Influence of Freud

Lectures will be given from 8 to 9:15 p.m., on the above Thursdays, in Room 225 of Central High School. No meetings will be open to visitors. Fee: $3.

An Introduction to Public Relations

This new series of lectures and discussions is designed as a survey of the broad field of public relations. It is planned to be helpful and informative to those already employed in the field, as well as to men and women who may be interested in entering some branch of public relations.

The meetings will be conducted by outstanding public relations representatives from private companies, industry, business, television and radio, and newspapers. Each lecture will be followed by a question-and-answer period and general discussion.

September 13. James Kellaher, Public Relations Consultant
What does a private public relations firm do?
What special education or training is required of anyone entering the profession? What talents are helpful?

September 20. Clarence Harding, Public Relations Director, South Bend Tribune
Public relations and journalism: the relationship.
Is training in journalism an asset in public relations work? Newspapers, house organs, magazines—their use in this field.

September 27. Warren W. Widenhofer, Public Relations and Advertising Director Indiana and Michigan Electric Company
The place of public relations in utilities corporations.
Opportunities for employment in this field. Related training useful in this work.

October 4. Justin Meacham, Television Producer
Radio and television as media in public relations.
Mechanics of television production. How programs are designed.

October 11. Ray Gremp, Standard Oil Company, Chicago
The whys and wherefores of a nationwide public relations program. Its effect on business, employee morale, labor relations, sales, production. Are more people needed by public relations departments of big companies?

The meetings will be held on the above Fridays from 8 to 9:15 p.m., in Room 114 of Central High School. No meetings will be open to visitors. Fee: $7.

An Invitation to Literature

Part IV

An Invitation to Literature is a course designed to introduce the student to books, stories, and poems, both new and old. These are discussed informally, so that the members of the class gain from one another new insights into what literature is. One theme forms the basis of each of the seven fortnightly discussions and is illustrated by one main work to be read and by supplementary readings. The University Center co-operates with the Public

Library of South Bend and the Public Library of Mishawaka in presenting this course for those who want to grow in their appreciation of good literature.

The leader of the discussions will be Cornelius Novelli. The discussions are scheduled as follows:

September 18. The theme of the evening: Clash of Cultures
Main work: Pearl S. Buck, *The Hidden Flower*
Supplementary: Kipling, "Mandalay"
Jeffers, "The Eye"
Saki, "Reginald's Rubaiyat"
Goldsmith, "National Prejudices"

October 2. The theme of the evening: Springs of Literature and Life
Main work: Edith Hamilton, *The Greek Way*
Supplementary: Sainte Beuve, "What Is a Classic?"
Bell, "Heraclitus in the West"

October 16. The theme of the evening: The Travail of a Soul
Main work: Gide, *The Immoralist*
Supplementary: Prince, "Soldiers Bathing"
Richard, "The Human Being Is a Lonely Creature"
Johnson, "Bashfulness"
Auden, "Musée des Beaux Arts"

October 30. The theme of the evening: The Simple Life
Main work: Thoreau, *Walden*
Supplementary: Thomas, "Fern Hill"
Ryan, "Better than Gold"

November 13. The theme of the evening: Conflicting Convictions
Main work: Benet, *John Brown's Body*
Supplementary: Mencken, "The Sahara of the Bozart"

November 27. The theme of the evening: Surge and Thunder
Main work: Homer, *The Odyssey*
Supplementary: Keats, "On First Looking into Chapman's Homer"
Emerson, "The Poet"
Tennyson, "Ulysses"

December 11. The theme of the evening: Good News
Main work: *The Four Gospels* (translated by E. V. Rieu)
Supplementary: Thompson, "The Hound of Heaven"
Eliot, "Journey of the Magi"

The class will be held at the Y.W.C.A., from 8 to 9:15 p.m., on the indicated Wednesdays. The fee for the series of discussions will be $5. Books needed will be available at the University Center Bookstore, Room 220, Central High School. It is estimated that the cost of the books will be approximately $4.95.

Living with Science

Series I

This series of lectures and demonstrations is centered about the physical and biological sciences. Emphasis will be placed on presenting the fundamental principles and their applications to modern living. Sound films will be used to illustrate certain of the lectures and a discussion period will follow each lecture.

September 18.	Delving into the Atom
September 25.	Demonstration of Selected Principles of Motion
October 2.	Development of Modern Medicine
October 9.	Demonstration of Selected Principles of Combustion

Ernest H. Gerkin, Associate Professor of Chemistry and Physics at the University Center, will present this series. It will be held on the Wednesdays listed above, from 8 to 9:15 p.m., in Room 206 of Central High School. Fee: $2.

The Lyric Choral Society

The Lyric Choral Society of the Indiana University Center is a mixed chorus of fifty voices, affiliated since 1941 with the University Center. Under the direction of Maurice Ivins, of South Bend and Chicago, the Choral Society contributes fine music to the South Bend area.

Interested singers may apply for membership in the Society, but admission to the organization rests with the membership committee and the director. The registration fee of $4 a semester is required of all members. Rehearsals are held on Tuesday, from 7:30 to 9:30 p.m., in Room 108 of Central High School. The first rehearsal will be held September 19.

One hour of University credit a semester in Music X100, *A Cappella* Singers, is granted persons who pay an additional fee of $8.

Music Appreciation

Evenings with Great Composers

This lecture series aims toward acquainting the nonprofessional music enthusiast with some of the fundamental concepts and forms of the art, through discussion and analysis of typical masterpieces and through building up a proper background for intelligent appreciation of music heard today. Topics include a complete study of the Romantic period; the lives of composers (Liszt, Sibelius, Wagner, Richard Strauss, Brahms, Debussy); chamber music; the concerto; the sonata; modern music; principal trends and representative composers.

Cecil Deardorff will present this series on Monday, from 7:30 to 9:30 p.m., in Room 108 of Central High School, beginning September 16. Classes meet for sixteen weeks. Fee: $5.

This course may be taken for two hours of University credit in Appreciation of Music I, M174. Fee: $24.

No knowledge of the technical aspects of music is necessary for admission.

Nurse Training

The University Center co-operates with the Memorial Hospital of South Bend in offering certain courses designed to meet the basic needs of students in nurse training. The courses offered are: Chemistry for Nurses, Microbiology for Nurses, Psychology for Nurses, Sociology for Nurses, and Anatomy and Physiology for Nurses. Although designed for students of nursing, the classes are open to all who can profit therefrom. The schedule and fees for the courses are found on pages 15-16.

Old Testament Literature

This course presents a study of the background, writing, and general content of the Old Testament. This comprehensive view of Old Testament literature is taught by Rabbi Albert M. Shulman of the Temple Beth-El of South Bend. The class will be held on ten Thursdays, from 8 to 9:15 p.m., in Room 215 of Central High School. Fee: $5.

September 12.	How Religion Began
September 19.	The Book of Books—The Bible
September 26.	The Growth and Development of the Bible
October 3.	The Pentateuch—Books of Moses
October 10.	Eternal Truths of the Bible
October 17.	The Beginnings of Prophecy
October 24.	The Major and Minor Prophets
October 31.	The Social Teachings of the Prophets
November 7.	The Hagiographa—Wisdom of the Ages
November 14.	The Moral Grandeur of the Bible

Optometry

Visual Training and Orthoptics

This postgraduate course is offered by the Indiana University Center in co-operation with the Division of Optometry of Indiana University. It includes a study of the principles and methods of visual training and orthoptics, together with instrumentation and practical demonstrations. Formal lessons and assignments will be given with opportunity for discussions of optometrists' own cases. Prerequisite: Recent graduation from a school of optometry or completion of the course in Case Analysis.

Meetings will be held in Room 221 of Central High School from 4 to 9 p.m. on the following Wednesdays: September 18, October 2, October 16, October 30, November 13. The instructor is Dr. Gordon G. Heath. Fee: $50.

Elkhart County Parent-Teacher Institute

Elkhart

The Elkhart P.-T.A. Council and the Parent-Teacher organizations of various Elkhart County Schools, in co-operation with the Indiana University Center, present an institute devoted to an analysis and explanation of instructional methods and content of the public school program.

The series of four meetings has been planned for the average parent and teacher, as well as for those in positions of leadership. All members in locals participating in the institute are eligible to attend. Nonparticipating Parent-Teacher group members and non-members may enroll at the door or through the Indiana University Center. Fee: $2. Meetings will be held on the following Tuesdays from 7:30 to 9 p.m., in the Elkhart High School Auditorium.

November 5. Curriculum

What is meant by the term "curriculum"? Who determines what shall be taught in the schools? Roles of state and community in curriculum planning. Relationship between school work and home activities.

Panel discussion by the following superintendents of schools: Joseph Rice, Elkhart; Warren Phillips, Valparaiso; Frank Sutton, Elkhart County; Alex Jardine, South Bend; John Young, Mishawaka

November 12. Basic School Subjects

Teaching the "Three R's." How children learn reading, writing, and arithmetic.

Demonstration of methods of instruction by public school teachers. Discussion conducted by Leo Joint, Principal, Roosevelt Elementary School, Elkhart

November 19. Moral and Spiritual Values

A discussion of the subject of how well moral and spiritual values are being taught in the public schools of today.

Lecture and discussion by John W. Ashton, Vice-President and Dean of Student and Educational Services, Indiana University, Bloomington

November 26. The Guidance Program

What is guidance? The nature and function of testing. A guidance program for all ages of school children.

Lecture and discussion by Frank Sievers, Chief of Guidance Services, United States Office of Education, Washington, D.C.

Parent-Teacher Institute

La Porte

The Parent-Teacher Associations of La Porte, the American Association of University Women, and the School City of La Porte, in co-operation with the Indiana University Center, present an institute which deals with issues and institutions relating to education and the schools, the community, and the nation.

The series of four lectures and discussions has been designed to be of interest to the general public, as well as to parents and teachers. All P.-T.A. and A.A.U.W. members are eligible to attend. Those who are not members of these organizations may enroll through the Indiana University Center. Fee: $2. Meetings will be held on the following Mondays from 7:45 to 9:30 p.m., in the La Porte High School Auditorium.

October 21. The Alcan Highway—Link with the Future

An example of engineering skill and enterprise that marks an important milestone in transportation progress.

Lecture by C. M. Schultheis, Engineer, Studebaker-Packard Corporation, South Bend

October 28. Public Education—Today and Tomorrow

A consideration of the problems to be faced in providing adequate educational facilities for an expanding school-age population.

Lecture by John W. Ashton, Vice-President and Dean of Student and Educational Services, Indiana University, Bloomington

November 4. The Indiana Toll Road

The story of its conception and completion. Its impact on economic growth of surrounding communities.

Lecture by Farwell Rhodes, Jr., Director of Public Relations, Indiana Toll Road Commission, Indianapolis

November 11. Dunes of Indiana

The fascinating story of the sand dunes at Lake Michigan, and the history of northwestern Indiana.

Lecture by Powell A. Moore, Associate Professor of History, Calumet Center, Indiana University, East Chicago

St. Joseph County Parent-Teacher Institute

The P.-T.A. and Current School Problems

The St. Joseph County P.-T.A. Council and the South Bend City P.-T.A. Council, in co-operation with the Indiana University Center, present an Institute which deals with questions and issues of current importance to school and community. Through panel discussion and audience participation, led at each session by an expert in the field, the participants will attempt to clarify the issues and focus attention on possible action by members of the P.-T.A.

The series of four meetings has been planned for the average P.-T.A. member, as well as for the leadership in local P.-T.A. groups. All P.-T.A. members in locals participating in the Institute are eligible to attend; nonparticipating P.-T.A. group members and non-P.-T.A. members enroll through the Indiana University Center. Fee: $2. Meetings will be held on the following Wednesdays from 7:30 to 9 p.m., in Room 114, Central High School.

November 6. Teen-age Questions

Panel discussion considering questions of discipline, extracurricular programs, and related activities. The panel consists of four high school students.

Moderator: Walt Risler

November 12. Guidance and Testing Programs

Panel discussion considering guidance programs as they are now conducted, their effectiveness, and areas for possible future work. The panel consists of one educator and one lay person each from both county and city.

Moderator: Martin Stamm

November 20. Problems of Parents and Teachers of Elementary School Children

Panel discussion considering such currently important questions as corporal punishment and curriculum revision. The panel consists of one educator and one lay person each from both county and city.

Moderator: Hannah Lindahl

November 27. Spiritual and Moral Values as Taught in the Schools

Panel discussion considering various aspects of this problem. The panel consists of one educator and one lay person each from both city and county.

Moderator: Margaret Alexander

Photography Workshop

Series III

Outdoor Photography

This series of lectures is designed for advanced amateurs in photography who have a basic understanding of cameras and their parts, and who may have received some instruction in the selection of film, the use of a proper lens, and other fundamentals. Those who have attended Series I and II of the Workshop will find the present series a continuation. Beginners who have not attended a previous series will find this a practical how-to-do-it course in outdoor photography.

Classes will be held on six consecutive Tuesdays from 8 to 9:15 p.m., beginning September 17. On September 17, October 1, and October 16, Kenneth C. deGroff of deGroff Laboratories will lecture and demonstrate problems encountered in outdoor photography. Outdoor lighting conditions will be simulated in the classroom.

On September 24, October 8, and October 23, George Schilling, Jr., of Schilling's Photographic Equipment Company will supplement the previous week's work with lectures and demonstrations of techniques of composition in outdoor photography.

Classes will be held in Room 301 of Central High School. Fee: $3.

Principles of Real Estate

The South Bend-Mishawaka Center of Indiana University will offer a short, intensive course of lectures on various phases of real estate, designed for the beginner or for those who may be considering entering the field.

While not meant specifically to prepare the student for the license examination, the lectures will deal with closely related material.

Subjects to be discussed will include opportunities for employment in the real estate field, aptitudes necessary for a successful career, business papers such as listing agreements, mortgages, abstracts, land contracts, purchase agreements, etc. Also to be discussed are ethics, advertising, and salesmanship. Fee for the series is $12.50. Time and place of meetings will be announced.

Retail Selling

This series of lectures and discussions is designed, not for the "old-timers," but rather for those who are new to retailing or who hope soon to enter the field. Students will be acquainted with the various phases of retailing to enable them to decide where they might best fit into a retail establishment.

Keith Klopfenstein, who will conduct the series, is connected with the Lincoln J. Carter Advertising Agency. The class will be held on eight successive Thursdays, beginning September 12, from 7:30 to 9 p.m., in Room 205 of Central High School. No meetings will be open to visitors. Fee: $3.

September 12. The Retail Store

History of retailing will be briefly discussed. Types of stores will be included as well as importance of store location, layout, and modern equipment.

September 19. Retail Chain of Command

Breakdown of store organization. Functions of various divisions, and the importance of each.

September 26. Requirements for Being a Salesman

Discussion of attributes found in a good retail salesperson: Knowledge of merchandise, how to handle a customer, suggestive selling.

October 3. The Buyer and the Department Manager

Two important functions within a store will be considered: the buying of merchandise and department management. Working toward these two jobs, the background needed, and the responsibilities of these positions will be discussed.

October 10. Handling of Merchandise

Not so glamorous, but important, too, are the functions involved in the receiving of merchandise and the pricing of items before they reach the floor. An explanation of this phase will be given. Factors in retail pricing will be discussed.

October 17. Merchandise Control

Need for merchandise control will be covered. Stock control, turnover, and inventory will all enter into this discussion.

October 24. Publicity

Activities involved in getting people into the store—retail advertising, sales promotion, publicity, public relations—will be considered.

October 31. The Credit Department

Credit department functions, and how credit enters into the sales picture. A brief discussion of personnel work in the retailing field will also be given.

Review English

This course offers the student a thorough drill in the essentials of grammar, punctuation, sentence structure, and word usage. It is useful for high school graduates who are not well prepared for college composition classes and for others who need review in this subject. The class will meet for seventeen successive Mondays, from 7 to 9 p.m., in Room 205 of Central High School, beginning September 16. The enrollment will be limited to twenty-five students. Mrs. Ruth D. Weir will be the instructor. Fee: $10.

Review Shorthand

Three different courses in shorthand are included among the University credit courses offered during the present semester, beginning with the introductory course in shorthand and including one course in advanced shorthand. Those not interested in degree programs may enroll as special students in any shorthand course for which they are prepared (see page 17 for shorthand courses offered this semester). The Academic Counselor and his staff will be glad to give suggestions concerning appropriate placement and related items. Adults may use shorthand courses either for review or to increase their preparation.

Review Typewriting

Two different courses in typing are included among the University credit courses offered during the present semester, beginning with the introductory course in typing. Those not interested in degree programs may enroll as special students in any course for which they are prepared (see page 17 for typing courses offered this semester). The Academic Counselor and his staff will be glad to advise concerning appropriate placement and related items. Adults may use typing courses either for review or to increase their preparation.

Secretarial Training

Part I

In co-operation with the South Bend Chapter of the National Secretaries Association, the University Center presents a program designed to give professional status to secretaries. Course work is presented in six areas: secretarial and office practices, secretarial accounting, business law, business organization and administration, economics, and personal adjustment and human relations. Comprehensive examinations over these areas are given by the National Secretaries Association. Successful completion of the program entitles the secretary to certification by the Association. The program is open to all interested persons.

Secretarial and office practices, and personal adjustment and human relations are the areas to be covered during the first semester, 1957-58. Secretarial accounting and business law will be presented during the second semester, 1957-58. Secretarial economics and statistics are the areas to be covered during the first semester, 1958-59.

The class will meet for seventeen successive Thursdays from 6 to 8 p.m., in Room 314 of Central High School, beginning September 12. The instructor will be Mrs. Ann Bohan. Fee: $24.

An Appreciation of Shakespeare

La Porte

As a continuation of its 1957 spring series, the University Center will present a lecture-discussion series which will deal with the comedies of William Shakespeare. In addition to the Shakespearean comedies to be studied, the history of comedy in the theatre will be briefly considered. Students need not have taken the spring series to enroll in this course.

The time, place, and instructor for the course will be announced. Fee: $7.

Speed Reading

Developmental Reading for Adults

Many people in business and the professions feel the need for improving their speed and comprehension in reading. Because of the large volume of printed material that many people must read today and understand quickly, the ability to read swiftly and intelligently has become of the utmost importance to success in almost any undertaking.

This course has been planned with the aim of sharply increasing the reading speed and comprehension of the participants. Scientific materials will be employed, along with regular and frequent evaluations, to accomplish this purpose. The instructor will attempt to discover the weaknesses of each student, and to make the necessary recommendations for improvement.

Classes will be held on twelve successive Wednesday evenings beginning September 18 from 6:30 to 8 p.m., in Room 224 of Central High School. The instructor will be Mrs. Adelaide Earhart. Fee: $12.

Taxes: State Gross Income and Others

This course is designed for individuals, small businesses, and those dealing with state taxes for their employers. Particular attention will be given to the requirements for the preparation of the State Gross Income Tax return. A portion of each period will be given to the discussion of questions from the class and problems of general interest.

September 12. The Scope of Taxation in Indiana
Theory of Taxation, Legal Basis of Taxation; Sources of Revenue: Gross Income; Inheritance; Property; Franchise, Excise, and Privilege Taxes

September 19. Specific Taxes
Gross Income Tax: History and Theory; Rates and Exemptions; Preparation of Model Returns

September 26. Specific Taxes
Gross Income Tax (Continued); Specific Problems; Review of Recent Legislative Changes; Various Types of Income, Expenses, Deductions, and Credits

October 3. Specific Taxes
Inheritance and Estate Taxes: History and Theory; Rates and Exemptions; Who Must File; Specific Problems

October 10. Specific Taxes
Property Taxes: Application to Real and Personal Property; Rate Setting; When Payable; Review and Appeal Franchise, Privilege, and Excise Taxes: Outline and Description

The course will be conducted by Harry Heppenheimer, a practicing attorney and Certified Public Accountant. The class will meet for the five successive Thursdays listed above, from 8 to 9:15 p.m., in Room 216 of Central High School. Fee: $3. No meetings will be open to visitors.

Traffic Management for Small Industries

This course is designed for the purchasing agent, office manager, or shipping clerk of the small company, in order to acquaint him with the elementary principles of traffic management. Since it is not intended to make the student into a rate clerk, rates will be given only a general discussion. Traffic law and procedure will be discussed, without the deep study needed to qualify one as an Interstate Commerce Commission Practitioner. Every effort will be made to keep discussions of principles to the practical level for the small plant.

Discussions will include the following subjects:

September 18. An Introduction into Industrial Traffic Management
- Indiana University survey of traffic management, 1954
- Traffic standards: What to expect from your traffic department
- Judging traffic: Are you getting the most from your traffic man?
- The cost of traffic management

September 25. Government Regulation of Interstate Commerce
- Source and operation of government's authority
- A general outline of traffic law and procedure

October 2. The Bill of Lading, and Other Shipping Contracts

October 9. Rights and Duties of Shippers and Carriers

October 16. Freight Claims for Loss, Damage, Delay, Overcharge, and Reparations

October 23. The Rules of the Consolidated Freight Classification

October 30. Introduction and General Outline of Freight Rates
- How rates are made
- Judging rates for "just and reasonable" charges
- Sources of information for the small industry
- Methods of obtaining adjustments
- Traffic geography

November 6. Freight Transportation Agencies and Their Competitive Advantages
- Railroads
- Water carriers
- Motor carriers
- Express companies
- Freight forwarders
- Air freight transportation

November 13. Public Warehouses and Shippers' Co-operatives in Distribution and Cost Cutting

November 20. The Commercial Traffic Company and the Small Industry

November 27. The Chamber of Commerce Traffic Manager and the Small Industry

These eleven lectures will be held on the above Wednesdays, from 8 to 9:15 p.m., in Room 204 of Central High School. The fee for the entire series will be $12. The class will be taught by Paul Gorsuch, of the Industrial Plastics Corporation. No meetings will be open to visitors.

Vocabulary Building

Series I

Many people fail to write and to speak English adequately because of limited language resources. The development of correct habits and self-confidence in the use and pronunciation of words is tantamount to improving such resources. Cultivated speech and writing emanate less from the memorization of new words and phrases than from the study of the origins and uses of words, of synonyms and antonyms, and of aids in forming correct habits that inspire self-confidence.

This series of lectures is designed to be useful to the student having either rudimentary or complex vocabulary difficulties. The lectures will be presented on Tuesday, from 7:30 to 9 p.m., in Room 310 of Central High School. Fee: $3. Instructor: James Gilchrist.

September 17. How to Acquire a More Extensive Vocabulary Through the Use of the Dictionary

September 24. Denotation and Connotation of Words; Synonyms and Antonyms; Specific and Concrete Words

October 1. Foreign Words and Expressions in English

October 8. Learning Words Through Knowledge of Greek and Latin Roots, Prefixes, and Suffixes

October 15. Principles Governing Vocabulary Building

Vocabulary Building

Series II

This adult education course is a continuation of Vocabulary Building, Series I. The principles stressed in Series I will be systematically applied through the use of selected readings. Again, efforts will be directed toward illustrating certain of the more normal aspects of the technique of vocabulary building which may be carried on in the reading activities of the student after the course terminates.

While it is advisable for the student to take Vocabulary Building, Series I, and then Series II, in sequence, there is no prerequisite for this course and the student having a fair vocabulary may enroll in the new series, out of sequence.

The class will meet each Tuesday beginning October 22, and continuing through October 29, November 5, 12, and 19. The class will be held in Room 310 of Central High School, from 7:30 to 9 p.m. Fee: $3. Instructor: James Gilchrist.

Vocational Counseling for Adults

Many people in their late teens, twenties, thirties, and even older, feel that their abilities and interests lie in fields other than those in which they are presently working. This course in group testing and counseling is designed to help those people discover their aptitudes.

Enrollees will be given a battery of the latest scientific tests to determine interest, aptitudes, personality, and temperament. After evaluation of the test results, individual and group counseling sessions will be held. During these sessions, test results and possible vocational opportunities will be discussed.

This course will be conducted by John F. X. Ryan, psychologist and vocational guidance consultant. Meetings will be held in Room 204, Central High School, from 7:30 to 9 p.m. on eight consecutive Fridays, beginning September 13. Fee: $20.

Your Child and His Speech Problems

An adult education course planned primarily for parents of speech-handicapped children. The course will consist of a series of five lectures dealing with topics such as (1) the development of speech, (2) delayed speech, (3) early nonfluencies, and (4) the role of parents in dealing with speech problems.

One hour each week will be devoted to a lecture by an authority in speech correction and one hour each week to a question period and informal discussion.

October 2. How Your Child Learns to Talk

Learning to speak is one of the hardest things the child has to do. It often gives rise to emotional maladjustments and behavior problems. What can be done to help the child acquire normal speech patterns?

Thelma A. Knudson, Chairman, Speech Correction, South Bend Public Schools

October 9. If Your Child Doesn't Talk Plainly — Miss Knudson

A discussion of articulatory defects—both functional and organic. How the articulation problem is handled and what part the parents can play.

October 16. Is Your Child Beginning to Stutter? — Miss Knudson

Some specific things that we can do for the nonfluent child.

October 23. Parental Adjustment to Handicapped Children

Unhappiness of handicapped children and their failure to develop educationally, socially, and vocationally are usually the result of a misunderstanding. This lecture will deal with parental understanding of handicapped children.

Robert L. Milisen, Director of the Speech and Hearing Clinic, Indiana University

October 30. Film Forum and Demonstrations — Miss Knudson

Summary and discussion.

The class will be held in Room 215 of Central High School on the above Wednesdays, from 7:30 to 9:30 p.m. Fee: $3.

Indiana University Freshman Programs

From the courses offered this year in the University Center, the following suggested programs are acceptable toward fulfillment of the requirements of the freshman year.

Full-time students should complete a total of thirty to thirty-two semester hours of credit during the freshman year. New students may enter at the beginning of any semester or summer session. All full-time students (twelve hours or more) must have their programs of study approved by the Academic Counselor before enrollment. Upon the completion of twelve semester hours of work, the part-time student is required to schedule an interview with the Academic Counselor in order to ascertain course requirements (see page 6 for the hours when the Academic Counselor is available). The programs listed below are intended only as general guides. The numbers in the column at the right indicate the semester hours of credit required.

General—Arts and Sciences (A.B. Degree)

Students uncertain as to the University program they wish to pursue should follow this outline during their freshman year. Students with a major interest in one of the following subjects will also take a liberal arts course as outlined: chemistry, English, fine arts, foreign languages, government, history, home economics, journalism, mathematics, psychology, sociology, and social service.

	Hours
English Composition W101 and W102	4
Foreign Language (see Academic Counselor regarding correct placement)	10
Science or Mathematics	5-10
Social Sciences and/or Freshman Literature	6-12

The social service major may omit the language requirement and earn a B.S. degree. In this case, the Academic Counselor should be consulted for substitute course suggestions.

Business (B.S. Degree)

Students should decide by the end of the freshman year whether they want to follow a general business course or to specialize in one phase of the field. Their first year should include:

	Hours
English Composition W101 and W102	4
Freshman Literature L101 and L102	6
Foreign Language, Mathematics, or Science (including Psychology)	6-10
History H103 or H104 or H105 or H106	3
Speech S121	2
Electives	5-9

Premedicine and Predentistry

The College of Arts and Sciences has outlined courses leading to degrees in the fields of medicine and dentistry. These degrees include the following freshman year requirements:

Premedicine

	Hours
English Composition W101 and W102	4
Foreign Language (see Academic Counselor regarding correct placement)	10
Chemistry C105 and C106	10
Freshman Literature L101 and L102, and/or Social Sciences	6-12
Mathematics M120 and M130	5

Predentistry

	Hours
English Composition W101 and W102	4
Chemistry C105 and C106	10
Mathematics M120 and M130	5
Freshman Literature, Social Sciences, or Psychology P101	6-12

Students not interested in the College of Arts and Sciences degree program should consult the Academic Counselor for course suggestions.

Prelaw

Students may approach the law degree by taking a bachelor's degree either in the College of Arts and Sciences or in the School of Business. For information concerning the two courses, see the Academic Counselor.

Prelaw (Arts and Sciences)

	Hours
English Composition W101 and W102	4
Foreign Language (see Academic Counselor regarding correct placement)	10
Science or Mathematics	10
Government G103 and G104, or other Social Sciences, Literature, Philosophy, and the Arts	6-12

Prelaw (Business)

	Hours
English Composition W101 and W102	4
Freshman Literature L101 and L102	6
Science or Mathematics or Foreign Language	10
Government G103 and G104	6
History H103 or H104 or H105 or H106	3

High School Teaching (B.S. Degree)

	Hours
English Composition W101 and W102	4
Freshman Literature L101 and L102	3-6
Social Sciences	3-12
Education F100	2
Science or Mathematics	3-10
Psychology P101	3
Foreign Language or Practical Arts or Fine Arts	3-8

Students should consult the Academic Counselor for degree requirements.

Elementary School Teaching (B.S. Degree)

	Hours
English Composition W101 and W102	4
History H103 and H104 or H105 and H106	6
Freshman Literature L101 and L102	6
Sociology S161 and S162 or S163	6
Home Economics H206	2
Government G103	3
Psychology P101	3
Education F100	2
Appreciation of Music I M174 and Art Appreciation H100	4

Nursing

These nontechnical courses are required of graduate nurses working toward a degree in the School of Education.

	Hours
English Composition W101 and W102	4
Psychology P101	3
Freshman Literature L101 and L102	6
Sociology S161	6
Speech S121	2
History H103 or H104 or H105 or H106	3
Electives	6

Medical Technology

	Hours
English Composition W101 and W102	4
Freshman Literature L101 and L102	6
Chemistry C105 and C106	10
Social Sciences and/or Appreciation of Music I M174 or Fine Arts	9-12
Electives	2-3

Pre-Engineering (Purdue)

The engineering course is given in co-operation with Purdue University.

	Hours
Chemistry C105 and C106	10
Mathematics M120, M130, M161, M162	9
English Composition W101 and W102	4
Engineering Graphics CE118	3
Speech S121	2
Freshman Literature L101, L102; History H103, H104, H105, H106; or Government G103, G104	6

Preoptometry

	Hours
Chemistry C105 and C106	10
English Composition W101 and W102	4
Mathematics M120, M130, M161, M162	9
Psychology P100 and P102	6

(See Academic Counselor regarding alternative courses in Social Sciences, Literature, Philosophy, and the Arts)

Prepharmacy

Indiana University does not offer a degree in pharmacy; however, students may complete one year of prepharmacy courses at the University Center.

	Hours
English Composition W101 and W102	4
Chemistry C105 and C106	10
Speech S121	2
Mathematics M120 and M130	5
Government G103, G104 or Sociology S161, S162	3-6
Psychology, Literature, Economics, and/or Engineering Graphics	2-6

Preveterinary

Indiana University does not offer a degree in veterinary medicine; however, the following courses will apply toward the first two years of required preveterinary work in colleges which offer this degree:

	Hours
English Composition W101 and W102	4
Chemistry C105 and C106	10
Speech S121	2
Mathematics M110 or M120 and M130	5-7
Physics P201 and P202	10
History H103 and H104	6
American History, Government, or Economics	6
Psychology P101 and Sociology S161, or Literature and Fine Arts	6

Freshman Engineering Program in Co-operation with Purdue University

Many courses offered by the Centers of Indiana University are equivalent to required and elective subjects in the areas of agriculture, engineering, home economics, pharmacy, science, education, and the humanities at Purdue University. Credits in subjects carried in the Centers, as they apply to these curricula, will be evaluated by Purdue University, when the student is accepted as a transfer from Indiana University, provided the grades received are higher than the lowest passing grade at Indiana University.

Those planning to carry courses to be transferred to Purdue University should consult the Counselor for the proper selection or combination of subjects to obtain the maximum credits at Purdue University.

All freshman engineering students (aeronautical, chemical, civil, electrical, mechanical, metallurgical, agricultural engineering, engineering sciences, and engineering law) carry a common curriculum.

Students who plan to transfer to Purdue may take the following courses at the Center:

First Semester	Hours	*Second Semester*	Hours
Chemistry C105	5	Chemistry C106	5
English Composition W101	2	English Composition W102	2
Algebra M110 or M120	5 or 3	Engineering Graphics CE118	3
Trigonometry M130	2	Analytic Geometry M161-M162	4
Elective	3	Public Speaking S121	2

English Composition W101-W102 (4 hours) and Speech S121, making a total of six semester hours, are equivalent to the freshman requirement in English and speech at Purdue. Nontechnical courses should be chosen from such fields as economics, English, geography, government, history, philosophy, psychology, and sociology. Each student should consult advisers of the engineering school from which he expects to graduate concerning the best selection of courses, in addition to those listed above, to apply on the particular degree desired.

Listing of Courses* Second Semester, 1957-58

Art

See Fine Arts

Business

Introduction to Accounting I, A201
Introduction to Accounting II, A202
Intermediate Accounting II, A212
Advanced Industrial Cost Accounting, A306
Advanced Income Tax, A309
Advanced Accounting Problems II, A414
Beginning Typewriting I, C221
Beginning Typewriting II, C222
Intermediate Shorthand II, C252
Business Law—Contracts, L300
Business Law—Agency, Partnerships, and Corporations, L305
Principles of Insurance, N300
Principles of Real Estate, R300
Comprehensive Examination, W391

Chemistry

Inorganic Chemistry and Qualitative Analysis, C106
Organic Chemistry I, C341

Economics

Principles of Economics I, E201
Principles of Economics II, E202
Interpretation of Business and Economic Data, E370

Education

Arithmetic for the Elementary Schools, E343
Introduction to Teaching, F100
The Teaching of Music in the Elementary Schools, M323
Art Experiences for the Elementary Teacher, M333
Practice in Reading and Study for Self-Improvement, X100
Psychology in Teaching, P510
Mental Hygiene in School Practice, P565
High School Curriculum, S503
Extracurricular Activities in the Secondary Schools, S506

English

Elementary Composition I, W101
Elementary Composition II, W102
Elementary Composition III, W103
Freshman Literature I, L101
Freshman Literature II, L102
Introduction to the Novel and Short Story, L204
American Literature III, L355
American Drama, L363

Fine Arts

Art Appreciation, H100
Crafts and Design II, S256
Oil Painting I, S333
Oil Painting II, S334
Oil Painting III, S433

French

Second-Year Composition and Oral Practice II, F202
Modern French Prose II, F212

Geography

Elements of Geography II, G102

* Second-semester schedules will be available about December 25 and will be mailed to those enrolled during the first semester. This list of courses is tentative and subject to change.

German

Elementary German II, G102

Government

Introduction to American Government I, G103
Introduction to American Government II, G104
European Totalitarian Governments, G364

History

History of Western European Civilization II, H104
American History: General Course I, H105
American History: General Course II, H106
American Colonial History II, H334
The American Middle West II, H374

Home Economics

Nutrition, H206

Mathematics

Intermediate and College Algebra, M110
College Algebra, M120
Trigonometry, M130
Plane Analytic Geometry I-II, M161-M162
Elementary Calculus II, M375

Mechanical Drawing

Engineering Graphics, CE118

Music

Appreciation of Music II, M175
Applied Music
A Cappella Singers, X100

Physics

General Physics: Light, Electricity, and Magnetism, P202

Psychology

Introductory Psychology I, P101
Introductory Psychology II, P102
The Psychology of Learning, P325

Sociology

Principles of Sociology, S161
Society and the Individual, S162
Criminology, S325

Spanish

Elementary Spanish II, S102

Speech

Public Speaking I, S121
Public Speaking II, S122
Speech Correction for Classroom Teaching, S160

Zoology

Animal Biology, Z103

Summer Session, 1958*

Course Offering

Business

Introduction to Accounting I, A201
Introduction to Accounting II, A202
Business Law—Contracts,L300
Principles of Insurance, N300
Comprehensive Examination, W391

Chemistry

A Descriptive Survey of Chemistry I, C101

Economics

Principles of Economics I, E201
Interpretation of Business and Economic Data, E370

Education

Practice in Reading and Study for Self-Improvement, X100
Arithmetic for the Elementary Schools, E343

English

Elementary Composition I, W101
Elementary Composition II, W102
Elementary Composition III, W103
Freshman Literature I, L101
Freshman Literature II, L102
Introduction to Shakespeare, L220

Government

Introduction to American Government I, G103
Introduction to American Government II, G104

History

American History: General Course I, H105
American History: General Course II, H106

Mathematics

Intermediate and College Algebra, M100
College Algebra, M120
Trigonometry, M130
Plane Analytic Geometry I-II, M161-M162

Music

Appreciation of Music I, M174

Physics

General Physics: Mechanics, Heat, and Sound, P201

Psychology

Introductory Psychology I, P101
Mental Hygiene, P234
Abnormal Psychology, P324

Sociology

Principles of Sociology, S161
The Family, S316

Speech

Public Speaking I, S121
Public Speaking II, S122

* Summer session schedules will be available about April 1 and will be mailed to those enrolled during the first and second semesters of the year. This list of courses is a tentative schedule and subject to change.

Enroll by Mail in These Courses

American Government, $1
Areas of American Mission Interest, $2
Art, Introduction to, $5
C.P.A. Review Problems, $30
I.U. Center Concert Series, $3
Conversational French (Elkhart) $15
Creative Writing, $15
Current Issues in Labor Management Relations, $3
Family Financial Management, $2
I.U. Center Film Forum, $2.40
Garden Clinic, $3
Gerontology, $0
Human Development Workshop (Plymouth) $0.50
Insurance: Fire and Marine, $30
Interior Decorating, $3
Interior Decorating (Elkhart) $3
Interior Decorating (La Porte) $3
Introduction to Psychoanalysis, $3
Introduction to Public Relations, $7
Invitation to Literature, $5
Living with Science, $2
Lyric Choral Society, $4
Evenings with Great Composers, $5
Old Testament Literature, $5
Optometry, $50
Parent-Teacher Institute (Elkhart) $2
Parent-Teacher Institute (South Bend) $2
Photography Workshop, $3
Principles of Real Estate, $12.50
Retail Selling, $3
Review English, $10
Secretarial Training, $24
Shakespeare (La Porte) $7
Speed Reading, $12
Taxes: State Gross Income, $3
Traffic Management for Small Industries, $12
Vocabulary Building, Series I, $3
Vocabulary Building, Series II, $3
Vocational Counseling, $20
Your Child and His Speech Problems, $3

Indiana University Center

Noncredit Courses

1. Enrollments by mail can be accepted only for the courses listed on this page.

2. Check or money order for exact amount must accompany all applications and should be made payable to the Indiana University Center.

3. The class cards will be mailed to the student.

4. Complete the application on next page, enclose check or money order, and mail to the Indiana University Center, Room 220, Central High School, South Bend, Indiana.

Additional information in regard to the above courses will be found on pages 39-60.

Many adults regularly take University credit courses listed in this ***Bulletin,*** pages 15-24. Those interested are invited to confer with the Academic Counselor.

Indiana University Center, Room 220, Central High School, South Bend, Indiana. Telephone CEntral 3-1137.

REGISTRATION APPLICATION

To be used only for the Adult Education Series

Name .....

Address ..... Street

..... City

..... Phone

Occupation .....

High School attended .....

College attended, if any .....

Name of Adult Education Class Fee

.....

.....

.....

PLEASE GIVE ALL INFORMATION REQUESTED

Check enclosed ..... Money order enclosed .....

No Credit Enrollments Will Be Accepted by Mail

Enrollments by mail can be accepted only until the capacity of the assigned classroom has been reached.

Mail to: Indiana University Center, Room 220, Central High School, South Bend, Indiana.