

SOUTH BEND - MISHAWAKA CENTER

**FIRST-SEMESTER CLASSES
1959-60**

**REGISTRATION: September 8-10
CLASSES BEGIN: September 10**

**Center Office: Room 220, Central High School
Telephone: Central 3-1137**



INDIANA UNIVERSITY

INDIANA UNIVERSITY CENTER SOUTH BEND-MISHAWAKA

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

1959								1960								1960									
	S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		
July	5	6	7	8	9	10	11	Jan.	3	4	5	6	7	8	9	July	3	4	5	6	7	8	9		
	12	13	14	15	16	17	18		10	11	12	13	14	15	16		10	11	12	13	14	15	16		
	19	20	21	22	23	24	25		17	18	19	20	21	22	23		17	18	19	20	21	22	23		
	26	27	28	29	30	31			24	25	26	27	28	29	30		24	25	26	27	28	29	30		
Aug.						1	8	Feb.		1	2	3	4	5	6	Aug.		1	2	3	4	5	6		
	2	3	4	5	6	7	15		7	8	9	10	11	12	13		7	8	9	10	11	12	13		
	9	10	11	12	13	14	15		14	15	16	17	18	19	20		14	15	16	17	18	19	20		
	16	17	18	19	20	21	22		21	22	23	24	25	26	27		21	22	23	24	25	26	27		
	23	24	25	26	27	28	29		28	29							28	29	30	31					
Sept.			1	2	3	4	5	Mar.			1	2	3	4	5	Sept.					1	2	3		
	6	7	8	9	10	11	12		6	7	8	9	10	11	12		4	5	6	7	8	9	10		
	13	14	15	16	17	18	19		13	14	15	16	17	18	19		11	12	13	14	15	16	17		
	20	21	22	23	24	25	26		20	21	22	23	24	25	26		18	19	20	21	22	23	24		
	27	28	29	30					27	28	29	30	31				25	26	27	28	29	30			
Oct.					1	2	3	Apr.						1	2	Oct.							1		
	4	5	6	7	8	9	10		3	4	5	6	7	8	9		2	3	4	5	6	7	8		
	11	12	13	14	15	16	17		10	11	12	13	14	15	16		9	10	11	12	13	14	15		
	18	19	20	21	22	23	24		17	18	19	20	21	22	23		16	17	18	19	20	21	22		
	25	26	27	28	29	30	31		24	25	26	27	28	29	30		23	24	25	26	27	28	29		
Nov.		1	2	3	4	5	6	7	May		1	2	3	4	5	6	7	Nov.			1	2	3	4	5
	8	9	10	11	12	13	14		8	9	10	11	12	13	14		6	7	8	9	10	11	12		
	15	16	17	18	19	20	21		15	16	17	18	19	20	21		13	14	15	16	17	18	19		
	22	23	24	25	26	27	28		22	23	24	25	26	27	28		20	21	22	23	24	25	26		
	29	30							29	30	31						27	28	29	30					
Dec.			1	2	3	4	5	June				1	2	3	4	Dec.					1	2	3		
	6	7	8	9	10	11	12		5	6	7	8	9	10	11		4	5	6	7	8	9	10		
	13	14	15	16	17	18	19		12	13	14	15	16	17	18		11	12	13	14	15	16	17		
	20	21	22	23	24	25	26		19	20	21	22	23	24	25		18	19	20	21	22	23	24		
	27	28	29	30	31				26	27	28	29	30				25	26	27	28	29	30	31		

Register for First Semester: September 8-10

Register for Second Semester: January 27-29

Register for Summer Session: June 7-8

Learning Is a Lifelong Pleasure

Calendar, 1959-60

FIRST SEMESTER	September 8-January 22, inclusive
Registration	September 8-10, inclusive
Classes begin	September 10
Thanksgiving recess	November 26-29, inclusive
Christmas vacation	December 19-January 3, inclusive
Semester examinations	January 18-22, inclusive
SECOND SEMESTER	January 27-June 6, inclusive
Registration	January 27-29, inclusive
Classes begin	February 1
Spring vacation	March 27-April 4, inclusive
Memorial Day holiday	May 30
Semester examinations	May 31-June 6, inclusive
SUMMER SESSION	June 7-August 4
Summer registration	June 7-8
Classes begin	June 8
Independence Day holiday	July 4
Session examinations	August 3 and 4

Table of Contents

Concerning:	Pages:	Concerning:	Pages:
Admission for a Degree	10	Library	8
Adult Education Noncredit courses	39	Office Hours	7
Counseling	7	Orientation Test	7
Credit Course Descriptions	26	Registration Hours	7
Faculty and Staff	2	Registration Procedure	7
Fees	13	Schedule by Subjects	17
Freshman Programs	68	Scholarships	9
General Information	10	Who May Register	10
Honor Students, 1958-59	25		

Administrative and Instructional Staffs

1959-60

Administrative—Bloomington

Herman B Wells, A.M., LL.D., President of the University
Ralph L. Collins, 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 for Graduate Development, and
Dean of the Graduate School
Samuel Edward Braden, Ph.D., Vice-President, and Dean for Undergraduate
Development
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 University Extension
Robert Emmet Cavanaugh, A.M., Director Emeritus of the Division of University
Extension
Smith Higgins, Ph.D., Assistant Dean of the Division of University Extension

Administrative—South Bend

Jack J. Detzler, Ph.D., Director of the South Bend-Mishawaka Center, and
Assistant Professor of History
Francis J. Molson, A.M., Academic Counselor, South Bend-Mishawaka Center;
Resident Lecturer in English
Robert Newlin Robinson, M.B.A., C.P.A., Administrative Assistant, and Instructor
in Accounting
Jacob Sudermann, A.M., Administrator of Adult Education, and Assistant Professor
of German
Alice L. Kaniewski, Office Manager
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
Ruth Papczynski, Recorder
(Mrs.) Veronica Szasz, Librarian
(Mrs.) Marie Fields, Secretary for Adult Education
Ann Rafalski, Bookstore Manager
Freda Prentice, Senior Account Clerk, and Veterans Record Clerk
(Mrs.) Gloria Carr, Evening Assistant

Instructional Staff

John Bednar, Ph.D., School of the Art Institute of Chicago; Lecturer in Art
Dean F. Berkley, Ed.D., University of Denver; Assistant Professor of Education
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
Frank Claeys, B.S., Indiana University; Lecturer in Business
Donald Cline, M.B.A., University of Michigan; C.P.A., Michigan; Lecturer in
Accounting
Betty Carol Clutts, A.M., University of North Carolina; Resident Lecturer in
History
Daniel R. Connell, M.S., University of Notre Dame; Lecturer in Economics
Una Crombie, P.G.Ed., London University; Lecturer in Geography
Merritt Cushing, Ph.D., University of Nebraska; Lecturer in Psychology
Louisa Davis, Ph.D., Cornell University; Lecturer in Chemistry
Cecil Deardorff, A.M., Columbia University; Lecturer in Music
Floyd Harrison Deen, Ph.D., Indiana University; Associate Professor of English
(Mrs.) Lola Jane Rosenberger Perez de Lara, A.M., Middlebury College; Assistant
Professor of French and Spanish
Jack J. Detzler, Ph.D., Indiana University; Assistant Professor of History
(Mrs.) Rosemary Doherty, A.M., University of Illinois; Lecturer in English
Celeste Fink, Catholic University of America; Lecturer in Social Service
Ernest Hugh Gerkin, Ph.D., Indiana University; Associate Professor of Chemistry
and Physics
Sheldon Helpern, A.M., Columbia University; Resident Lecturer in English
Hanne J. Hicks, Ed.D., University of Missouri; Professor of Education
Albert Vern 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 Educa-
tion, and Recreation
Thelma A. Knudson, A.M., State University of Iowa; Lecturer in Speech
Chris Koronakos, Ph.D., University of Nebraska; Instructor in Psychology
Roy Lawton, A.B., University of Denver; C.P.A., Indiana; Lecturer in Accounting
Alfred J. Levy, Ph.D., University of Wisconsin; Instructor in English
Hannah Lindahl, A.M., Columbia University; Lecturer in Education
John Anthony Lipinski, A.B., University of Notre Dame; Lecturer in English
Francis J. Molson, A.M., University of Notre Dame; Resident Lecturer in English
John Hanly Morgan, A.M., University of Michigan; Lecturer in Philosophy
Richard C. Mynsberge, B.S.C., University of Notre Dame; Lecturer in Accounting
James Nafe, J.D., Indiana University; Lecturer in Business
Mary K. Oyer, A.Mus.D., University of Michigan; Director of the Lyric Group
(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

Mary V. Rosenfeld, A.M., Smith College; Lecturer in English
Raymond D. Stallard, A.M., Colorado State College of Education; Lecturer in
Speech
George Stambuk, A.M., Indiana University; Resident Lecturer in Government
Jacob Sudermann, A.M., University of Michigan; Assistant Professor of German
(Mrs.) 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
Manuel Vargas, Ph.D., University of Chicago; 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 D. Weir, A.M., Indiana University; Lecturer in English
Volney Cleland Weir, A.M., Indiana University; Lecturer in Mathematics
John Darce Wilmore, A.M., Indiana University; Lecturer in Mathematics
Joseph I. Zygmunt, A.M., University of Chicago; Lecturer in Sociology

Committees

Scholastic Affairs: Deen, Gerkin, Levy, Molson, Taylor, Weir
Student Publications: Cassidy, Deen, Levy, Molson
Library: Cassidy, Clutts, Koronakos, Robinson
Adult Education: Sudermann, Cassidy, Clutts, Helpern, Koronakos, Stambuk
Building: Robinson, de Lara, Deardorff, Gerkin, Helpern
Student Activity: Helpern, Molson

Special Lecturers

B. J. Bauman, M.D., Indiana University (Microbiology for Nurses)
John Bednar, M.F.A., School of the Art Institute of Chicago (Introduction to Art)
Charles Beutter, B.S., University of Illinois; Vice-President and Trust Officer, St.
Joseph Bank and Trust Company (Investment Principles)
(Mrs.) Ann Lynch Bohan, A.M., University of Chicago (Business Writing)
John A. Bowland, Ph.D., University of Florida (Psychology for Nurses)
Elton Breckenridge, Graduate, School of the Art Institute of Chicago (Interior
Decorating, and Painters and Their Paintings)
Raymond N. Brooks, Manchester College; Indiana Technical College (Insurance)
Francis P. Carpinelli, A.B., LaSalle College (Fiction Writing Workshop)
John A. Cassidy, Ph.D., Western Reserve University; Assistant Professor of English,
Indiana University South Bend-Mishawaka Center (English Theme Writing
and Grading)
(Mrs.) Esther C. Conboy, A.B., Franklin College of Indiana (Conservation)
Daniel R. Connell III, M.S., University of Notre Dame (Economics for Consumers,
and Local Government and the Individual)
Cecil Deardorff, A.M., Columbia University (Evenings with Great Composers)

Kenneth C. DeGross, B.S., Midland College (Photography)
(Mrs.) Adelaide Earhart, A.M., Northwestern University (Speed Reading)
James L. Early, A.M., Ball State Teachers College (Radiation Biology)
John F. Enright, B.S., Xavier University (Real Estate Appraisal)
(Mrs.) Nathalie Fedynskyj, University of Innsbruck (Russian)
Celeste Fink, Catholic University of America (Social Services)
Paul E. Gorsuch, B.S., Ball State Teachers College (Traffic Management—Fundamentals)
Harry Heppenheimer, LL.B., University of Notre Dame (Taxes, and Law for the Layman)
Charles Karst, B.S., Purdue University (Chemistry for Nurses)
James F. Kelleher, A.B., University of Notre Dame (Public Relations)
Frank W. Kleva, A.F.L.-C.I.O. Community Services Representative (You and Your Retirement)
Keith Klopfenstein, B.S., Indiana University (Distribution Problems)
Stephen A. Kreshock, U.S.A.F.; Valparaiso Aero Service, Inc. (Air Science—Meteorology)
(Mrs.) Ann P. Lange, A.M., University of Notre Dame (Vocabulary Building)
Martin C. Lehman, Ph.D., Yale University (Ethics for Today)
Harold F. Lusk, S.J.D., University of Michigan; Professor of Business Law, Indiana University (Local Government and the Individual)
David Matthews, LL.B., University of Notre Dame (Medical Assistants' Training Program)
Robert Mayhan, M.S., Indiana State Teachers College (Laboratory Assistant, Anatomy and Physiology for Nurses)
Earl D. McConnell, A.M. in Education, University of Michigan (Personnel Management)
John T. McGuckin, A.M. in Education, New York University (Industrial Supervision)
Grant E. Metcalfe, M.D., Hahnemann Medical College; Associate Professor of Psychiatry, Indiana University (Psychoanalysis and Psychiatry for the Medical Practitioner)
Jacob C. Meyer, Ph.D., Harvard University (Current World Tension Areas)
Robert C. Nelson, Executive-Secretary, United Christian Missionary Society (Areas of American Mission Interest)
Mary K. Oyer, A.Mus.D., University of Michigan (Lyric Choral Group)
Elsie R. Penfield, Secretary, Department of Women's Work, Presbyterian National Missions (Areas of American Mission Interest)
John J. Powers, Managing Editor, *South Bend Tribune* (Public Relations)
Perley H. Provost, A.M., University of Notre Dame (Warsaw School-Community Series)
Robert N. Robinson, M.B.A., Indiana University; C.P.A., Indiana; Instructor in Accounting, Indiana University South Bend-Mishawaka Center (C.P.A. Review Problems)
Michael Rose, B.S., Indiana University (Speed Reading)

John Ryan, Ph.D., New York University (Vocational Counseling)
George Schilling, B.S., University of Notre Dame (Photography)
Arthur H. Schomp, A.M., University of Minnesota (Stock Exchange Securities)
Marshall L. Scott, Dean, Presbyterian Institute of Industrial Relations (Areas of American Mission Interest)
Rabbi Albert M. Shulman, A.M., University of Southern California (Marriage and the Modern Family, and Religions of Mankind)
Philip M. Swadener, B.S., Indiana University (Secretarial Training)
(Mrs.) Nina A. Swen, A.B., DePauw University (Self-Understanding)
D. Elton Trueblood, Ph.D., Earlham College; Professor of Philosophy, Earlham College (Areas of American Mission Interest)
George W. Viger, M.B.A., Louisiana State University (Insurance: C.P.C.U.)
James E. Wack, M.D., Stritch School of Medicine, Loyola University (Anatomy and Physiology for Nurses)
G. A. Waindel, Public Relations Director, Studebaker-Packard Corporation
Margaret A. Walsh, B.S., Indiana State Teachers College (Shorthand Review)
(Mrs.) Ruth Duffy Weir, A.M., Indiana University (English Review)
William E. Wilson, A.M., State Superintendent of Public Instruction (Warsaw School-Community Series)
John J. Young, Ph.D., Superintendent, Mishawaka Schools (Plymouth School-Community Series)
Lester J. Zimmerman, Ph.D., Purdue University; Professor of Mathematics, Goshen College (Mathematics Review)
Joseph I. Zygmunt, A.M., University of Chicago; Lecturer in Sociology, Indiana University South Bend-Mishawaka Center (Sociology for Nurses)

The South Bend-Mishawaka Center of Indiana University

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 8:30 a.m. to 5 p.m., and 6:30 to 8:30 p.m., Monday through Thursday; Friday hours are from 8:30 a.m. to 4:30 p.m. Special hours will be posted during vacations and the holidays will be observed. Registration hours are indicated below.

Registration Hours and Information

During the first-semester registration period, students may register only during the following hours: Tuesday through Thursday, 12 noon to 4 p.m. and 6 to 8 p.m. Starting with Friday, September 11, registration is only during the regularly scheduled afternoon and evening hours. A late registration fee of \$3 will be charged those credit students who register late, beginning on a date to be announced by the Committee on Scholastic Affairs (see Bulletin Board). No registration is official until all required forms have been completed, fees provided for, and appropriate clearance of the student's admission status has been secured. *Registration should be completed September 8-10.*

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 the week of registration at times to be announced (see pages 10-16 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 registration week, the orientation test will also be given November 11, 1959, 7-9 p.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 registration periods, Academic Counselors are available daily, 10 a.m. to 4 p.m., and 6 to 8 p.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 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: CEntal 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 and John A. Cassidy are faculty sponsors.

The University Center is the sponsor of the Alliance Française de South Bend which 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 eight times yearly, the first Wednesday of each month, from October through May. Membership dues are \$3 for individuals, \$5 for families, \$1 for students. Mrs. Lola Jane Perez de Lara is the faculty representative to the society.

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 8:30 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 are available to assist in selecting books and in 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, to pay fines for overdue books, or to pay for extraordinary damage to 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.

The Alliance Française de South Bend also maintains a small but selective library in conjunction with the University Center. It consists of recent French fiction and a weekly newspaper, *France-Amerique*. These books are available for use by all interested persons.

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 registration. Surplus books are returned to the publishers at the end of the third week of classes.

Scholarships and Awards

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 and of other area 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 \$4 per semester hour. With the exception of the Child-of-Disabled-Veteran Scholarship, the holders of the other fee-remission scholarships must carry at least twelve hours of classwork each semester in order to receive the benefits of these scholarships. For information concerning these scholarships, students should write directly to Reese Williams, Director of Scholarships and Financial Aids, Indiana University, Bloomington, Indiana.

Each spring the faculty of the University Center designates a student to receive the Robert E. Cavanaugh award for excellence in English composition. The third annual award, presented May 2, 1959, was won by Charles Molter.

General Information and Policies

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

Admission. All students at the Centers are classified as (1) noncredit students; (2) regular undergraduate students; (3) special undergraduate students; and (4) graduate students. *Registration in courses does not constitute admission to Indiana University.* Classes are open to adults who can take the work with profit.

1. *Noncredit Students.* This group includes all students in noncredit courses and noncredit students in credit courses. Entrance credentials are not required, but registration is subject to the approval of the Center Academic Counselor.

2. *Regular Undergraduate Students.* This group includes all students working toward undergraduate degrees or teaching certificates from Indiana University. Such students must be graduates of a commissioned high school of Indiana or its equivalent. Moreover, they must complete the application for regular admission on blanks available at the Office of the Center Academic Counselor. Regular admission, however, is not completed until admission has been granted by the Associate Registrar for Admissions, Indiana University, Bloomington, Indiana. Students who have been graduated from out-of-state high schools, students who have irregularities in their high school work, and transfer students must submit their credentials to the Associate Registrar for Admissions, Indiana University, Bloomington, for his evaluation.

3. *Special Undergraduate Students.* This group includes: (a) All transient students, meaning all students registered at the Center on a temporary basis who have immediate plans to obtain undergraduate degrees or teaching certificates at other colleges or universities. Such students must certify their status as transient students at the time of Center registration, and this certification is subject to verification by the Center Academic Counselor with the institution involved. (b) Other undergraduate credit students not seeking undergraduate degrees or teaching certificates from Indiana University, including adults with nondegree and noncertificate objectives. Such students are admitted by the Center Academic Counselor, but such admission is not valid elsewhere in the University. Moreover, if and when such students begin study toward undergraduate degrees or teaching certificates, they must then be admitted as regular undergraduate students as indicated in section 2 above. (c) All unclassified undergraduate credit students, including students whose admission status is uncertain or in process. Except in unusual circumstances, students may not remain unclassified for more than one semester.

4. *Graduate Students.* This group includes all students working toward graduate degrees and all students taking courses for which they expect to receive graduate credit. Such students are themselves entirely responsible for obtaining their admission from the dean of the school in which their degrees would ultimately be obtained and for his approval of the courses to be taken. The Center assumes no

responsibility for subsequent acceptance for graduate credit of courses taken by students who have not cleared their admission and course approval in the manner suggested. Graduate students are advised to do program planning with the appropriate dean through conference or correspondence in advance of their registration.

Orientation Tests. All freshmen and all new students working toward a degree are required to take orientation tests (see Calendar); *students who rank in the lower half of their high school graduating class are required to arrange for special counseling with the Center Academic Counselor.*

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

Students Seeking Degrees or Teaching Certificates Elsewhere. No student carrying work at any other college is permitted to register at the Center without written approval of his dean. Students who expect to complete their training at another institution are themselves responsible for ascertaining the admission and degree requirements of that school concerning courses which may be transferred to that institution.

Academic Counseling. *All beginning students and any having questions concerning their programs should meet with the Center Academic Counselor before they register.* 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 register in courses for credit without the proper prerequisites.

Registration. Twelve to sixteen credit hours constitute a normal full-time load in a regular semester, and six to eight hours in summer sessions. A credit hour represents the work required in one 50-minute recitation or lecture each week throughout one semester (more hours are required for laboratory courses). (Veterans see page 15.) Permission to carry extra hours may be granted to students whose cumulative academic average is B or better. Five to six hours a semester and two to three hours for summer sessions are the recommended maxima for students who are employed full time, because experience has shown that students who register for more than this amount usually do not have time for adequate preparation without endangering their health or their grade status. A maximum of sixty semester hours of credit toward graduation from Indiana University may be earned at a Center.

Registration should be completed during the designated registration period. Late registration must be approved by both the Center Academic Counselor and the instructors involved. *All changes in program must be approved by the Center Academic Counselor.* All registration and changes in registration (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 apply to auditors who 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 registrations.

A late registration fee of \$3 will be charged those credit students who register after the end of the official registration 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 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 register 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, and beyond, the level recommended by the department. 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 Center Academic Counselor for the schedule.) 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. 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), 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 registered 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 register 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 Assistant Dean of the Division of University Extension.

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 Center 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.*

The schools and divisions of the University generally deny registration from another school or division to students whose cumulative grade average is less than one point. Students with such records at the Centers should consult the Office of Records and Admissions at Bloomington before planning to register for classes on the Bloomington campus. Students on the Bloomington campus with such records must consult in advance with the Center Academic Counselor before registering at a Center.

Payment of Fees. Fees, based on the amount of work, are \$15 a semester hour for undergraduate courses; \$18 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 12 for late registration charge.

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 days for that semester.

All fees are payable in full at the time of registration. 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 \$45. When fees are deferred, the minimum payment due at registration is either \$45 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 registration. An examination fee of \$1 is charged students who take examinations at other than regular times.

Insufficient Registration. Whenever registration 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 must make written application. Withdrawals approved by the Center Academic Counselor 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 Center 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 a regular semester or after two weeks in a summer session, the student shall be required to show the Center 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 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:

<i>First and Second Semesters</i>	<i>Refund</i>
Withdrawals before the end of the first week of semester	100%*
Withdrawals before the end of the second week of semester	80%
Withdrawals before the end of the third week of semester	60%
Withdrawals before the end of the fourth week of semester	40%
Withdrawals before the end of the fifth week of semester	20%
 <i>Summer Session</i>	
Withdrawals before the end of the first week of session	100%*
Withdrawals before the end of the second week of session	66 2/3%
Withdrawals before the end of the 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 registrations, popular lecture courses, certain courses which are permitted to carry with low or limited registrations, or laboratory fees.

Transcripts. Credits earned at a 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. The initial transcript is

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

issued free; thereafter the charge is \$1 a transcript. Students changing from a 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 Center 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 registration. 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 register for 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 training. 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 eighteen and twenty-three, be high school graduates, and be counseled by the Veterans Administration before becoming eligible for benefits. The length of training may be thirty-six months; the rate of pay, \$110 per month. For further information, write to the Office of Veteran Affairs and Military Information, Indiana University, Bloomington, Indiana, or contact any Veterans Administration Office. Note: *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*

registers 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 registering for graduate credit must do so on green cards marked "Enrollment for Graduate Credit."

Indiana state law dictates that: "Teachers who are employed full time shall not be permitted to earn more than six semester hours of credit in one semester for a maximum total of twelve semester hours for the year of two semesters."

Correspondence Courses. The Division of University Extension 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 written approval of the Center Academic Counselor to register in correspondence study and must submit the approval with the application. Correspondence study credits are included in the maximum of sixty hours which may be completed at the Centers.

Speakers' Bureau. Indiana University's Division of University Extension maintains a Speakers' Bureau through which speakers on numerous 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, 1959-60

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
ADULT EDUCATION SERIES					
Air Science (Meteorology)					
Section 1 (South Bend)	W 7:30-9 pm	Kreshock	\$10	205	September 16
Section 2 (La Porte)	M 7-8:30 pm	Kreshock	10	La Porte	
Areas of American Mission Interest	Tu 10-11:15 am	Lecturers	2	High School First Christian Church	September 21 October 6
Art Introduction	W 3-5 pm	Bednar	7	218	September 16
Audubon Wildlife Screen Tours	See page 42		2.50	Auditorium	October 24
Business Writing	W 7-9 pm	Bohan	7	120	September 16
C.P.A. Review Problems	Tu 7-9:30 pm	Robinson	30	304	September 15
Conservation Education	M 8-9:15 pm	Conboy	4	212	September 14
Current World Tension Areas	Tu 7:30-9 pm	Meyer	6	322	September 22
Distribution Problems, Modern	W 7:30-9 pm	Klopfenstein	10	322	September 16
Economics for Consumers	M 8-9:30 pm	Connell	4	301	September 14
English Review	M 7-9 pm	Weir, R.	15	321	September 14
English Theme Writing and Grading	W 7:30-9 pm	Cassidy	7	321	September 16
Ethics for Today (South Bend)	W 7:30-9 pm	Lehman	7	320	September 16
Ethics for Today (Elkhart)	Th 7:30-9 pm	Lehman	7	Elkhart High School	September 17
Fiction Writing Workshop	W 7:30-9:30 pm	Carpinelli	20	314	September 16
Local Government and the Individual	Th 7:30-9 pm	Lecturers	3	322	September 24
I.U. Center Concert Series	Sun 3-4:15 pm	Artists	4	Progress Club	October 11
I.U. Center Foreign Films	W 7:30 and 9:15 pm	See page 48	3	River Park Theatre	October 14

(17)

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
Industrial Supervision	W 7-8:30 pm	McGucken	\$15	313	September 16
Insurance: Fire and Marine	M 5:30-7:30 pm	Brooks	30	320	September 14
Insurance Principles and Practices: C.P.C.U.	M 5-7 pm	Viger	72 (for 34 weeks)	319	September 14
Interior Decorating	Th 7:30-9 pm	Breckenridge	4	114	September 10
Investment Principles (Warsaw)	M 8-9:15 pm	Beutter	6	Warsaw High School	September 14
Law for the Layman	Tu 7-8:30 pm	Heppenheimer	6	320	September 22
Local Government and the Individual	Th 7:30-9 pm		3	114	September 24
Lyric Choral Group	Tu 7-9 pm	Oyer	8	108	September 15
Marriage and the Modern Family	Tu 8-9:15 pm	Shulman	5	305	September 15
Mathematics Review	W 7:30-9:30 pm	Zimmerman	15	123	September 16
Medical Assistants' Training Program	Tu 8-10 pm	Matthews	24	318	September 15
Music—Evenings with Great Composers	M 7:30-9:30 pm	Deardorff	7	108	September 14
Nurses' Training:					
Anatomy and Physiology	MW 3-6 pm	Wack	20	Memorial Hospital	September 9
Chemistry	TuTh 3-6 pm	Karst	20	206-209	September 10
Microbiology	TuTh 3-6 pm	Bauman	20	Memorial Hospital	December 10
Psychology	MW 5-6 pm	Bowland	20	Memorial Hospital	September 9
Sociology	Th 1:15-3 pm	Zygmunt	20	YWCA	September 10
Painters and Their Paintings	Th 7:30-9 pm	Breckenridge	4	114	November 19
Painters and Their Paintings (Elkhart)	Th 7:30-9 pm	Breckenridge	4	Elkhart High School	October 15
Personnel Management	M 8-9:30 pm	McConnell	15	322	September 14
Photography for the Amateur, Color	Tu 8-9:15 pm	Lecturers	5	319	September 15
Photography—Applied	Th 8-10 pm	DeGross	15	DeGross Studio	September 17
Poetry, Contemporary	Tu 8-9:30 pm	Lecturers	6	314	September 24
Psychiatry for the Medical Practitioner	Th 7-10 pm	Metcalfe	To be an- nounced		
Psychoanalysis, Introduction to	Th 8-9:15 pm	Metcalfe	6	215	September 17
Public Relations	Tu 8-9:15 pm	Lecturers	7	114	September 22
Radiation Biology	M 7-9:30 pm	Early	6	401	September 14
Real Estate—Appraisal	W 7-8:30 pm	Enright	25	319	September 16
Religions of Mankind	Th 8-9:15 pm	Shulman	6	401	September 10
Retirement, You and Your	Tu 7-9 pm	Kleva	6	317	September 15
Russian (Continuing)	F 7:30-9 pm	Fedynskyj	10	304	September 11
Russian—Easy Conversation and Reading	Th 7:30-9:30 pm	Fedynskyj	10	224	September 10
School-Community Series (South Bend)	To be announced	Lecturers	2	Nuner School	October 7

School-Community Series (Knox)	W 7:30-9 pm	Lecturers	2	Knox High School Auditorium	October 7
School-Community Series (Plymouth)	To be announced	Lecturers	2	Plymouth High School	
School-Community Series (La Porte)	M 7:30-9 pm	Lecturers	2	La Porte High School	September 28
School-Community Series (Rochester)	To be announced	Lecturers	1	Rochester High School	
School-Community Series (Warsaw)	Tu 7:30-9 pm	Lecturers	2	Lincoln School	October 13
Secretarial Training: Part II	Th 6-8 pm	Swadener	24	403	September 10
Self-Understanding	M 7:30-9 pm	Swern	4	318	September 21
Shorthand Review	TuTh 7-8:10 pm	Walsh	21	211	September 10
Social Services to the Individual	M 7:30-9 pm	Fink	10	205	September 14
Speed Reading					
Section 1	Tu 7-8:30 pm	Rose	15	218	September 15
Section 2	W 6:30-8 pm	Earhart	15	216	September 16
Stock Exchange Securities	W 6:30-8 pm	Schomp	30	303	September 16
Taxes: State Gross Income and Others	Th 8-9:15 pm	Heppenheimer	6	205	September 17
Traffic Management, Fundamentals of	Th 7:30-9 pm	Gorsuch	34 (for 23 meetings)	321	October 22
Vocabulary Building	Tu 7:30-9:15 pm	Lange	6	401	September 15
Vocational Counseling for Adults	M 7:30-9 pm	Ryan	20	403	September 14

UNIVERSITY CREDIT COURSES

BUSINESS

Introduction to Accounting I, A201 (3 cr.)					
Section 1	MTh 8:20-9:30 pm	Tyler	45	216	September 10
Section 2	TuF 5:20-6:30 pm	Lawton	45	215	September 11
Section 3	MTh 7-8:10 pm	Tyler	45	216	September 10
Section 4	TuF 7-8:10 pm	Claeys	45	215	September 11
Section 5 (Elkhart)	Th 7-9:30 pm	Mynsberge	45	Elkhart High School	September 10
Section 6 (La Porte)	M 7-9:30 pm	Hinton	45	La Porte High School	September 14
Introduction to Accounting II, A202 (3 cr.)	TuF 8:20-9:30 pm	Claeys	45	215	September 11
Industrial Cost Accounting, A205 (3 cr.)	TuF 7-8:10 pm	Cline	45	216	September 11
Income Tax, A208 (3 cr.)	MTh 7-8:10 pm	Robinson	45	304	September 10
Intermediate Accounting I, A211 (3 cr.)	TuF 8:20-9:30 pm	Cline	45	216	September 11
Advanced Accounting Problems I, A313 (3 cr.)	Tu 7-9:30 pm	Robinson	45	304	September 15
Intermediate Shorthand I, C251 (1½ cr.)	TuTh 7-8:10 pm	Walsh	22.50	211	September 10
Business Law—Contracts, L300 (3 cr.)	Th 7-9:30 pm	Nafe	45	313	September 10

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
Principles of Management, P300 (3 cr.)	MTh 8:20-9:30 pm	Robinson	\$45	304	September 10
Comprehensive Examination, W391 (noncredit)	See Academic Counselor				
CHEMISTRY					
General Chemistry, C105 (5 cr.)					
Section 1 (Laboratory and Lectures)	MTh 6:30-10 pm	Davis	80	206-209	September 10
Section 2 (Lectures)	TuF 8:30-10:30 pm	Gerkin	80	206-209	September 11
(Laboratory A)	TuF 6:30-8 pm	Poffenberger		206-209	September 11
(Laboratory B)	W 7-10 pm	Boynton		206-209	September 16
Organic Chemistry I, C341 (5 cr.)	TuF 6-10:30 pm	Gerkin- Poffenberger	80	206-209	September 11
ECONOMICS					
Principles of Economics I, E201 (3 cr.)					
Section 1	TuF 5:20-6:30 pm	Connell	45	224	September 11
Section 2	TuF 7-8:10 pm	Connell	45	224	September 11
EDUCATION					
<i>Undergraduate</i>					
Social Studies and Science for the Elementary Teacher I, E326 (2 cr.)	W 7-8:50 pm	Lindahl	30	301	September 16
Introduction to Teaching, F100 (2 cr.)					
Section 1	Tu 6-8 pm	Weathers	30	316	September 15
Section 2	Tu 8-10 pm	Weathers	30	316	September 15
<i>Graduate</i>					
School Administration, A500 (2½ cr.)	W 6-8 pm	Berkley	45	317	September 16
School-Community Relations, A510 (2½ cr.)	W 8:15-10:15 pm	Berkley	45	317	September 16
Workshop in Teaching Problems, E595 (2½ cr.)	W 8:15-10:15 pm	Hicks	45	316	September 16
Administration of Elementary Schools, E653 (2½ cr.)	W 6-8 pm	Hicks	45	316	September 16

(20)

ENGLISH

Elementary Composition I, W101 (2 cr.)

Section 1	W 1-2:50 pm	R. Weir	30	YWCA	September 16
Section 2	Tu 6:30-8:20 pm	Rosenfeld	30	223	September 15
Section 3	F 1-2:50 pm	Cassidy	30	YWCA	September 11
Section 4	W 7-8:50 pm	Helpern	30	225	September 16
Section 5	W 5:10-7 pm	Taylor	30	223	September 16
Section 6	W 9:30-11:20 am	Levy	30	YWCA	September 16
Section 7	Tu 6:30-8:20 pm	Taylor	30	225	September 15
Section 8	W 7-8:50 pm	Doherty	30	222	September 16
Section 9	F 6:30-8:20 pm	Lipinski	30	225	September 11
Section 10	Th 6:30-8:20 pm	Molson	30	319	September 10
Section 11	Th 7-8:50 pm	Helpern	30	320	September 10
Section 12 (Elkhart)	M 7-8:50 pm	Lipinski	30	Elkhart High School	September 14

Elementary Composition II, W102 (2 cr.)

Section 1	Tu 7-8:50 pm	Cassidy	30	301	September 15
Section 2	M 5:10-7 pm	Taylor	30	205	September 14
Section 3	W 7-8:50 pm	Levy	30	304	September 16
	Tu 7-8:50 pm	Deen	30	205	September 15

Elementary Composition III, W103 (2 cr.)

Freshman Literature I, L101 (3 cr.)

Section 1	MTh 9:30-10:40 am	Deen	45	YWCA	September 10
Section 2	TuF 5:30-6:40 pm	Cassidy	45	305	September 11
Section 3	MTh 2:20-3:30 pm	Levy	45	YWCA	September 10
Section 4	MTh 8:20-9:30 pm	Molson	45	223	September 10
Section 5 (Elkhart)	Th 7-9:30 pm	R. Weir	45	Elkhart High School	September 10

Section 6	TuF 7-8:10 pm	Helpern	45	310	September 15
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Freshman Literature II, L102 (3 cr.)

Section 1	MTh 7-8:10 pm	Deen	45	305	September 10
Section 2	TuF 2:20-3:30 pm	Helpern	45	YWCA	September 11
The English Novel to 1800, L347 (3 cr.)	M 4-6:30 pm	Cassidy	45	224	September 14
American Literature II, L354 (3 cr.)	W 7-9:30 pm	Deen	45	101	September 16
The American Novel: Cooper to Dreiser, L359 (3 cr.)	MTh 8:20-9:30 pm	Levy	45	305	September 10

FINE ARTS

Art Appreciation, H100 (2 cr.)	W 3-5 pm	Bednar	30	218	September 16
Introduction to Design I, S101 (2 cr.)	TuF 7-10 pm	Bednar	30	Art Center	September 11
Crafts and Design I, S255 (2 cr.)	M 6:30-9:30 pm	Carter	30	Art Center	September 14
Oil Painting I, S333 (3 cr.)	TuF 7-10 pm	Bednar	45	Art Center	September 11
Oil Painting II, S334 (3 cr.)	TuF 7-10 pm	Bednar	45	Art Center	September 11
Oil Painting III, S433 (3 cr.)	TuF 7-10 pm	Bednar	45	Art Center	September 11

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
FRENCH					
Second-Year Composition and Oral Practice I, F201 (2 cr.)	MTh 7-7:50 pm	de Lara	\$30	303	September 10
Modern French Prose I, F211 (3 cr.)	MTh 8-9:10 pm	de Lara	45	303	September 10
GEOGRAPHY					
Introduction to Physical Geography, G105 (3 cr.)	W 6-8:30 pm	Crombie	45	224	September 16
GERMAN					
Second-Year Composition and Conversation I, G201 (2 cr.)	MTh 7-7:50 pm	Sudermann	30	225	September 10
Second-Year Reading I, G211 (3 cr.)	MTh 8-9:10 pm	Sudermann	45	225	September 10
GOVERNMENT					
Introduction to American Government I, G103 (3 cr.)					
Section 1	TuF 11-12:10	Stambuk	45	YWCA	September 11
Section 2	TuF 5:20-6:30 pm	Stambuk	45	309	September 11
Section 3	MTh 7-8:10 pm	Stambuk	45	313	September 10
European Parliamentary Governments, G363 (3 cr.)	MTh 5:20-6:30 pm	Stambuk	45	313	September 10
HEALTH, PHYSICAL EDUCATION, AND RECREATION					
Nature and Practice of Play, R170 (2 cr.) (La Porte)	M 7-8:50 pm	Hubner	30	La Porte High School	September 14
HISTORY					
History of Western European Civilization I, H103 (3 cr.)					
Section 1	MTh 7-8:10 pm		45	314	September 10
Section 2	MTh 1-2:10 pm		45	YWCA	September 10
American History: General Course I, H105 (3 cr.)					
Section 1	TuF 4-5:10 pm	Clutts	45	223	September 11
Section 2	MTh 10:50-12 m	Clutts	45	YWCA	September 10
Section 3	MTh 7-8:10 pm	Clutts	45	222	September 10
American History: General Course II, H106 (3 cr.)	MTh 5:20-6:30 pm	Clutts	45	222	September 10
The American Middle West I, H373 (3 cr.)	Tu 4-6:30 pm	Detzler	45	222	September 15

HOME ECONOMICS					
Nutrition, H206 (2 cr.)	Tu 7-8:50 pm	Rieth	30	321	September 15
MATHEMATICS					
Intermediate and College Algebra, M105 (5 cr.)	MTh 6:30-8:30 pm	Carr	75	316	September 10
College Algebra, M107 (3 cr.)	MTh 6:30-8:30 pm	Carr	45	316	September 10
Trigonometry, M113 (2 cr.)					
Section 1	TuF 7-7:50 pm	Weir, V.	30	314	September 11
Section 2	MTh 8:50-9:45 pm	Wilmore	30	314	September 10
Plane Analytic Geometry I-II, M131-M132 (2-2 cr.)	TuF 8-9:45 pm	Weir, V.	60	309	September 11
Elementary Calculus I, M217 (4 cr.)	MTh 7-8:45 pm	Wilmore	60	309	September 10
MUSIC					
Appreciation of Music I, M174 (2 cr.)	M 7:30-9:30 pm	Deardorff	30	108	September 14
Applied Music	Arranged				
<i>A Cappella</i> Singers (Lyric Choral Group), X110 (1 cr.)	Tu 7:30-9:30 pm	Oyer	15	108	September 15
PHILOSOPHY					
Historical Introduction to Philosophy, P100 (3 cr.)	Tu 1-3:30 pm	Morgan	45	YWCA	September 15
Ethics, P240 (3 cr.)	Th 7-9:30 pm	Morgan	45	318	September 10
PHYSICS					
General Physics: Mechanics, Heat, and Sound, P201 (5 cr.)					
Lectures	MTh 7-8:15 pm	Gerkin	80	221	September 10
Laboratory Section 1	MTh 5:30-7 pm	Gerkin		221	September 10
Section 2	MTh 8:15-9:45 pm	Gerkin		221	September 10
PSYCHOLOGY					
Introductory Psychology I, P101 (3 cr.)					
Section 1	TuF 1-2:10 pm	Koronakos	45	YWCA	September 11
Section 2	TuF 5:30-6:40 pm	Koronakos	45	317	September 11
Section 3	MTh 8:20-9:30 pm	Koronakos	45	310	September 10
Section 4	MTh 5:20-6:30 pm	Koronakos	45	310	September 10
Section 5 (La Porte)	Th 7-9:30 pm	Vargas	45	La Porte	
Human Learning, P325 (3 cr.)	MTh 7-8:10 pm	Koronakos	45	High School	September 10
				310	September 10

(24)

SUBJECT	DAY AND HOUR	INSTRUCTOR	FEE	ROOM	FIRST MEETING
SOCIAL SERVICE					
Social Services to Individuals, S415 (2 cr.)	M 7:30-9 pm	Fink	\$30	205	September 14
SOCIOLOGY					
Principles of Sociology, S161 (3 cr.)					
Section 1	MTh 5:20-6:30 pm	Zygmunt	45	317	September 10
Section 2	MTh 8:20-9:30 pm	Zygmunt	45	317	September 10
The Family, S316 (3 cr.)	MTh 7-8:10 pm	Zygmunt	45	317	September 10
SPANISH					
Elementary Spanish I, S101 (5 cr.)					
Section 1	TuF 9-11 am	de Lara	75	YWCA	September 11
Section 2	TuF 7-9 pm	de Lara	75	313	September 11
SPEECH AND THEATRE					
Public Speaking I, S121 (2 cr.)					
Section 1	F 3-4:50 pm	Stallard	30	218	September 11
Section 2	F 6-7:50 pm	Stallard	30	223	September 11
Section 3	F 8-9:50 pm	Stallard	30	223	September 11
Speech Correction for Classroom Teaching, S160 (3 cr.)	W 7-9:30 pm	Knudson	45	115	September 16

Honor Students, 1958-59

Undergraduate students who achieve a superior scholastic rating (a 2.3 credit-point average) are formally recognized at the Annual Student Banquet 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 aspects of university life which concern the academic success of students, and the awarding of annual honors.

Students achieving the required honor list average for the first semester, 1958-59:

Austin, Linda L.	*Geary, J. A.	Richards, E. M.
Baetsle, B. H.	*Harmon, J. E.	Richards, G. E.
Brockner, B. L.	*Haynes, V. E.	*Sharp, E. L.
Brown, H. D.	Hoover, E. V.	*Stanton, L.
Cokewood, M.	Kachel, C. A.	*Streets, D. T.
Davis, R. L.	*Knox, M. F.	Weaver, J. F.
*Dryer, J. F.	*Middleton, M.	*Wilhelm, S. A.
Dye, B. L.	*Moser, K. R.	Wroblewski, R. H.
Esmont, D. E.	*Munger, M. E.	
Ganns, R. J.	*Reid, V. M.	

Printing dates prevent the listing of the second-semester honor students for 1958-59 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 17 to 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. Complex journals, bills of exchange, practice set, interim statements, departmental accounting, the voucher system, partnerships, corporations, accounting for manufacturing, analysis of financial statements, and payroll taxes.

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

Prerequisites, A200 or A201 and A202. A study of the management uses of data derived from standard, process, and job order cost accounting systems and flexible budgets. Technical accounting aspects are not emphasized in this course but are deferred to A306.

A208. Income Tax. (3 cr.) I

Prerequisites, A200 or A201 and A202. Study of the Internal Revenue Code and Regulations. Emphasis on income, exclusions from income, deductions, and credits of various types.

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

Prerequisites, A200 or A201 and A202. Accounting cycle 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, branch accounting, parent and subsidiary financial statements, estates and trusts, statement of affairs, and foreign exchange.

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

Prerequisite, A205. A study of standard costs, process costs, job order costs, and flexible budgets, with emphasis on the technical accounting aspects and upon presentation of the interpreted data to management.

- A309. Advanced Income Tax. (3 cr.)** II
 Prerequisites, A208 and A212. 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
 Prerequisites, A211-A212. Preparation of students for actual practice and C.P.A. examination. Topics include preparation, revision, and correction of statements; comparative statements; investments; fixed assets; liabilities 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.
- 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, 1960-61
 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.
- 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, III
 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
 Required during the semester of the junior year when the student completes the seven "core" courses. Satisfactory completion of the examination is a prerequisite to pursuing senior-level courses in business and economics.

Chemistry

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

For students who do not intend to continue chemistry beyond the first year. A non-mathematical 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, II**

Prerequisite, two years of high school algebra, or Mathematics M107, 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 M107 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.

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

Prerequisite, C106. 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.) **II**

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.) **II**

Open to sophomores; freshmen may register when so advised by the Academic Counselor. A general introduction to economic principles and problems. Topics covered include: economic organization, production, consumption, distribution 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.

Education

Undergraduate

E326. Social Studies and Science for the Elementary Teacher I. (2 cr.) **I**

E327. Social Studies and Science for the Elementary Teacher II. (2 cr.) **II**

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.

E336-E337. Language Arts for the Elementary Teacher I-II. (2-2 cr.) To be offered, 1960-61

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.

E343. Arithmetic for the Elementary Schools. (3 cr.) **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.) 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

A500. School Administration. (2½ cr.) I

Basic general course to include: organization and structure of the school system; legal basis of school administration; authority, responsibility, and scope of operation of agencies of administration and control; and standards for administration in the various functional areas.

A510. School-Community Relations. (2½ cr.) I

A course for teachers and school administrators including: the characteristics of the community school; adapting the educational program to community needs; use of community resources in instruction; planning school-community relations programs.

C645. Directing Student Teaching in the Secondary School. (2½ cr.) To be offered I, 1960-61

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.

E595. Workshop in Teaching Problems. (2½ cr.) I

Provides opportunity for individual and group study of organizational and teaching problems which teachers encounter. Includes attention to techniques of problem analysis and to the identification and use of resources which contribute to the alleviation of teaching problems. Designed particularly for experienced teachers.

E653. Administration of Elementary Schools. (2½ cr.) I

A study of the function of administration in the modern elementary school. Emphasis is placed on the role of the principal as a professional leader in the development and operation of the school program. Designed particularly for persons preparing for administrative and supervisory positions.

F500. Education and Social Issues. (2½ cr.) To be offered II, 1960-61

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.

K505. Survey of Education of Exceptional Children. (2½ cr.) To be offered I, 1960-61

A survey of the various types of exceptional children and the educational practices used to provide for their needs in the schools of the United States. Included are considerations of etiology, recognition, and incidence.

K580. Workshop: Teaching the Educable Mentally Retarded in the Classroom. (2½ cr.) To be offered I, 1960-61

Designed to help teachers plan and conduct educational programs for mentally retarded children. Considers an analysis of their educational needs, and of the methods and materials that help in meeting these needs.

P510. Psychology in Teaching. (2½ cr.) To be offered II, 1960-61

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. Instructor's permission is required before credit in both Education P500 and P510 can be applied toward degree requirements.

P515. Behavior and Development of the Elementary School Child. (2½ cr.) To be offered II, 1960-61

The purpose of this course is to survey and analyze significant primary and appropriate secondary sources of information about the behavior and development of the elementary school child and to consider the implications this information has for teaching the elementary school child.

R523. Utilization of Audio-Visual Materials. (2½ cr.) II

Considers the use of audio-visual materials in improving instruction. Includes the study of general practices in the areas of selection and utilization of major types of audio-visual materials, ways of using projection and audio equipment, and the preparation and use of such materials as bulletin boards and flannel boards.

R533. Organization and Curricular Integration of Audio-Visual Media. (2½ cr.) II

Prerequisite, Education R523, or may be taken concurrently. Discusses principles and practices in organizing, facilitating, and integrating the use of audio-visual materials in various types of school curricula and educational programs of youth and adult groups. Treats such factors as defining purposes of instruction, planning instructional units, selecting and evaluating materials.

S503. High School Curriculum. (2½ cr.) To be offered II, 1960-61

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.

S545. High School Administration. (2½ cr.) II

A course for prospective high school teachers and administrators, covering teacher selection and promotion, program making, load adjustment, pupil personnel, library, cafeteria, study organization, athletics, reports and records, and public relations. Includes observation and participation in the public schools.

S603. Problems in Secondary Education. (2½ cr.) To be offered I, 1960-61

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

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.

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

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, 1960-61

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.) II, III

An introduction to Shakespeare, with rapid reading of the greatest of his works.

L333. Major Victorian Writers I. (3 cr.) To be offered, 1960-61

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.) III

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, Fielding, Smollett, Sterne, and Austen.

L348. The English Novel, 1800-1900. (3 cr.) II

A continuation of the development of the novel in England, although L347 is not a prerequisite. Approximately twelve novels by Scott, Dickens, Thackeray, Trollope, Hardy, Meredith, Conrad, and others are read.

L353. American Literature I. (3 cr.) To be offered, 1960-61

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

L355. American Literature III. (3 cr.) To be offered, 1960-61

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. L353 covers the Colonial and Revolutionary periods; L354, the first half of the nineteenth century; L355, the second half of the nineteenth century.

L359. The American Novel: Cooper to Dreiser. (3 cr.)

A detailed study of representative nineteenth-century American novels.

L363. American Drama. (2 cr.) To be offered, 1960-61

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

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

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, III

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. Not open to art majors.

S101. Introduction to Design I. (2 cr.) I

This course with S102 takes up analytical exercises to acquire an insight into the characteristics of architectural space and the structure of both natural and man-made objects. Construction in various materials; problems and techniques of representation in different media for communication and expression. Development of perceptual and manual skills and their co-ordination.

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

The relation of basic visual fundamentals to craft materials. Planned to meet the needs of elementary teachers and camp and recreational workers.

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.

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

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

French

F101. Elementary French I. (5 cr.) To be offered, 1960-61

F102. Elementary French II. (5 cr.) To be offered, 1960-61

This course covers the fundamentals of grammar and pronunciation. Considerable drill on oral and aural skills by means of frequent dictation and comprehension 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 insofar 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

- G105. Introduction to Physical Geography. (3 cr.) I, II
 The broad physical characteristics of the earth's surface, and its differentiation by climate, vegetation, soil, landforms, etc. Physical relationships and regions.

German

- G102. Elementary German II. (5 cr.) II
 G201. Second-Year Composition and Conversation I. (2 cr.) I
 G202. Second-Year Composition and Conversation II. (2 cr.) II
 G211. Second-Year Reading I. (3 cr.) I
 G212. Second-Year Reading II. (3 cr.) II

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, 1960-61
 A study of the causes of war, nature and attributes of the state, imperialism, nature and development of international law, national sovereignty, arbitration, adjudication, international organization, and major international issues.
- G214. Introduction to World Politics II. (3 cr.) To be offered, 1960-61
 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
 Prerequisite, 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. Totalitarian Political Patterns. (3 cr.) II
 Evaluation of the main totalitarian systems, both European and non-European, of modern political thinking and the western concepts of government. Emphasis will be laid on the role of the party, instruments of rule, and on the socioeconomic background of totalitarianism.

Health, Physical Education, and Recreation

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

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

A survey of the Colonial period, the Revolution, the Confederation and the Constitution, and the National period to 1865. The second semester begins with 1865 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.

H337. Recent United States History I, 1865-1900. (2 cr.) To be offered, 1960-61

H338. Recent United States History II, 1901-1940. (2 cr.) To be offered, 1960-61

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.

H347. Europe in the Twentieth Century I. (3 cr.) To be offered, 1960-61

H348. Europe in the Twentieth Century II. (3 cr.) To be offered, 1960-61

An analysis of diplomatic, economic, intellectual, military, political, and social developments within Europe from World War I to the present time, against the background of changing relationships between Europe and other parts of the world.

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

M105. 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 only 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.

- M107. College Algebra. (3 cr.)** I, II, III
Prerequisite, one and one-half years of high school algebra. In special cases, students with one year of such preparation will be accepted. Students with four semesters of high school algebra receive no credit for this course. Same as Mathematics M105, but less time is devoted to a review of elementary topics.
- M113. Trigonometry. (2 cr.)** I, II, III
Prerequisite or concurrent, two years of high school algebra or M105 or M107. Not open to students who have had high school trigonometry or M115 or M117. 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.
- M131. Plane Analytic Geometry I. (2 cr.)** I, II, III
- M132. Plane Analytic Geometry II. (2 cr.)** I, II, III
Prerequisites, two years of high school algebra and trigonometry, or M105 and M113, or M107 and M113, or M115, or M117. Not open to students who have had M118. 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.
- M217. Elementary Calculus I. (4 cr.)** I
- M218. Elementary Calculus II. (4 cr.)** II
Prerequisite or concurrent, M131 or M118. Differentiation and integration of functions of one variable and applications.

Mechanical Drawing

Purdue University Course

The course in engineering graphics offered by Purdue University as part of the freshman year of engineering is included in the program on page 72.

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

Music

- M174. Appreciation of Music I. (2 cr.)** I
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."
- X110. A Cappella Singers (Lyric Choral Group). (1 cr.)** I, II
Membership is open to persons interested in choral work.

- Applied Music.** I, II
Students interested in registering for applied music courses are asked to see the Academic Counselor.

Philosophy

- P100. Historical Introduction to Philosophy. (3 cr.)** I, II, III
Open only to students without previous credit in philosophy. This course is planned to introduce the student to philosophical problems. The relations of philosophy to common sense, science, and religion are considered. Some attention is devoted to ethics. At least one philosophical classic, usually Plato's *Republic*, is read.

- P240. Ethics. (3 cr.)** I, II
 Prerequisite, three hours of philosophy or sophomore standing. Ethics studies what is right and wrong in persons, the actions of persons, and the results produced by their actions. The course is limited to the more general part of this subject matter.

Physics

- P201. General Physics: Mechanics, Heat, and Sound. (5 cr.)** I, III
 Prerequisites, Mathematics M107 and M113. 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
 A systematic introduction to psychology as a behavioral science; its methods, data, and theoretical interpretations, with applications to the understanding and control of individual and social behavior.
- P102. Introductory Psychology II. (3 cr.)** II
 Prerequisite, P101. The field of experimental psychology with special emphasis on empirical research and theory in the areas of learning, psychophysiology, and sensory psychology.
- P316. The Psychology of Childhood and Adolescence. (3 cr.) To be offered, 1960-61**
 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.)** II
 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.
- P320. Social Psychology. (3 cr.) To be offered, 1960-61**
 Prerequisite, five hours of psychology. The principles of scientific psychology applied to the individual in the social situation.
- P324. Abnormal Psychology. (3 cr.)** II
 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. Human Learning. (3 cr.)** I
 Prerequisite, five hours of psychology. Facts and principles of human associative learning and transfer of training. Special attention to conditions determining the growth and retention of habits and skills, interrelationships between perception and learning, and applications of learning theory in education and social science.

Social Service

- S415. Social Services to Individuals. (2 cr.)** I
 Open to juniors and seniors. Methods of giving services to individuals, with special emphasis on the common aspects of all service professions.

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, six hours of sociology. 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, six hours of sociology. 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 permission. 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, 1960-61
- S202. Second-Year Spanish Composition and Conversation II. (2 cr.) To be offered, 1960-61
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, 1960-61
- S212. Modern Spanish Prose II. (3 cr.) To be offered, 1960-61
Prerequisite, S102 or equivalent. Readings of material relative to Spanish-speaking countries, modern novels, short stories, and plays. Exercises in translation.

Speech and Theatre

- S121. Public Speaking I. (2 cr.) I, II, III
- S122. Public Speaking II. (2 cr.) II, III
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.
- S160. Speech Correction for Classroom Teaching. (3 cr.) I
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.)

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 lecture, recitation, and laboratory.

Adult Education

Learning Is a Lifelong Pleasure

Noncredit Courses

A primary purpose of the University Center is to offer educational opportunities to all adults. Whether high school graduates or not, adults may register 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 registration. Single admissions and refunds are not available. Whenever it is necessary to limit the number in a class, only those who have already completed their registration 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.

Registration in these courses has been made a relatively simple procedure (see page 77). An application form is provided on the last page of this *Bulletin*. Registration may also be completed in the office of the University Center.

Education Advisory Councils

The University Center has asked community leaders to serve in an advisory capacity to its adult education program. The following committees have contributed to the development of the program of the Center.

Industrial Education Advisory Council: Lyle Hughes, Torrington Company; Edward Irvin, Education Commission of Berrien, Cass, and Van Buren Counties, Michigan, A.F.L.-C.I.O. Labor Council; Stanley Ladd, St. Joseph County A.F.L.-C.I.O. Council; John McGuckin, Bendix Aviation Corporation; Richard Pfeil, Jr., Koontz-Wagner Electric Company; Albert Schloerke, Central Labor Union; and Warren G. Wheeler, Jr., *South Bend Tribune*.

Social Service Education Advisory Council: Dennis Dowdell, South Bend Urban League and Hering House; Celeste Fink, Catholic Social Services; Robert Goshert, Department of Public Welfare; C. S. Janesheski, Juvenile Probation Office; Frank Kleva, Council of Community Services; Sidney Newhouse, Council of Community Services; Robert Pollitt, Children's Aid Society; Elmer Wiseman, Y.M.C.A.

Business Education Advisory Council: George Clossay, Continental Can Corporation, Elkhart, Indiana; Douglas Douglas, Robertson's Department Store; H. O. Evjen, United States Rubber Company, Mishawaka; Cletus Kruyer, Jr., First Bank and Trust Company; C. M. MacMillan, Studebaker-Packard Corporation; Earl D. McConnell, Bendix Products Division; Paul M. Shore, Associates Investment Company; C. H. Tanner, Dodge Manufacturing Corporation.

Adult Noncredit Courses in the Following Areas

Humanities: Areas of American Mission Interest, Art Introduction, Current World Tension Areas, Ethics for Today, I.U. Center Concert Series, I.U. Center Foreign Films, Interior Decorating, Lyric Choral Group, Medical Assistants'

Training Program, Music—Evenings with Great Composers, Painters and Their Paintings, Religions of Mankind, School-Community Series.

Business: C.P.A. Review Problems, Distribution Problems, Economics for the Consumer, Industrial Supervision, Insurance—CPCU, Insurance—Fire and Marine, Investment Principles, Law for the Layman, Personnel Management, Public Relations, Real Estate Appraisal, Secretarial Training, Shorthand, Stock Exchange Securities, Taxes—State Gross Income and Others, Traffic Management—Fundamentals.

Language: Business Writing, English Review, English Theme Writing and Grading, Fiction Writing Workshop, Poetry—Contemporary, Russian, Speed Reading, Vocabulary Building.

Science and Mathematics: Air Science, Audubon Wildlife Screen Tours, Conservation Education, Mathematics Review, Photography, Radiation Biology.

Society and the Individual: Local Government and the Individual, Marriage and the Modern Family, Psychoanalysis—Introduction, Psychiatry for the Medical Practitioner, You and Your Retirement, Self-Understanding, Vocational Counseling for Adults, Social Services to the Individual, Nurses' Training.

Air Science

Meteorology

The University Center offers two ground school aviation courses. The second, Air Navigation, will be offered in the second semester of 1959-60. The courses are designed for people interested in airplane piloting and for pilots with student permits who are preparing to take the written and oral examinations required by the government prior to actual flight tests.

Persons with licenses may find these courses useful by bringing to their attention types of equipment now being used in air navigation and the changes in Civil Air Regulations. Instructor: Stephen A. Kreshock, President of the Valparaiso Aero Service, Inc.

September 16	Air Movements and Pressure Areas
September 23	Cloud Types and Formation
September 30	Air Masses, Warm Fronts, Cold Fronts
October 7	Stationary Fronts, Occluded Fronts, Aloft Fronts
October 14	Weather Chart Station Models
October 21	Teletype Reports
October 28	Lapse Rates
November 4	Review

All classes meet on the Wednesdays listed above, from 7:30 to 9 p.m., in Room 205 of Central High School. Fee, \$10.

Air Science

Meteorology

La Porte

The same course, described above, will be offered in La Porte High School, from 7 to 8:30 p.m., on the following Mondays: September 21, 28, October 5, 12, 19, 26, November 2, 9. Registration may be completed in the Office of Vocational and Adult Education in the La Porte High School, with Henry Schulze in charge. Fee, \$10.

Areas of American Mission Interest

The Indiana University Center, in co-operation with the South Bend Council of Church Women, offers this series of lectures as an educational experience in the field of American Missionary endeavor at home and abroad. Lectures center about the 1959 national study project developed by the National Council of Church Women of America: The Church's Mission in Town and Country, and in Africa.

- | | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| October 6 | The Rural Church Goes to Town
Elsie R. Penfield, Secretary, Department of Women's Work,
Presbyterian National Missions |
| October 13 | The Importance of Africa in Christian Concern
Rev. Robert G. Nelson, United Christian Missionary
Society, Executive Secretary, Africa Department |
| October 20 | Christianity Where Men Work
Rev. Marshall L. Scott, Dean, Presbyterian Institute of
Industrial Relations |
| October 27 | The Church as a Society of Penetration
D. Elton Trueblood, Professor of Philosophy, Earlham
College |

Meetings will take place on the Tuesdays listed above, from 10 to 11:15 a.m., in the First Christian Church (Educational Building), 320 South Main Street. Registration for this series may be completed by mailing the form at the back of this *Bulletin*. Fee, \$2.

Art Introduction

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.

This course is taught by John Bednar, South Bend Commercial Artist, each Wednesday, from 3 to 5 p.m., starting September 16 and continuing for the entire semester. Classes are held in Room 218, Central High School. Fee, \$7. (See also under credit courses, page 21.)

Audubon Wildlife Screen Tours

The 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 animate and inanimate nature phenomena—birds, insects, fish, mammals, water, soil, scenery, and flowers. The dates of these lectures are October 24, November 14, December 12, January 2, and March 14. Topics to be announced.

All programs are presented in the Auditorium of Central High School. Admission tickets may be secured through the University Center Office, Room 220, Central High School, either by personal application or by mail. The tear sheet at the back of this *Bulletin* may be used for this purpose. Series fee: children, \$1; adults, \$2.50. Checks should be made payable to the South Bend Audubon Society.

Business Writing

Written communications, especially in the business world, need to be correctly phrased, clear, concise, and readable. Where orders depend on letters, memoranda, and reports that command attention and respect, the aim of the course is to attain the superior communication.

This course will make a realistic approach to everyday practical writing which is so vital to American business. It will stress the reader's point of view and use actual problem situations for the student to think and write about. Instructor: Ann Lynch Bohan.

September 16	Principles of Business Communication Understanding the goals of business writing
September 23	Style of the Business Letter Appearance, mechanics, punctuation
September 30	Fundamental Forms of Business Letters Quality and techniques
October 7	Specific Types of Business Letters Inquiries, answers to orders, claims and adjustment letters; credit, collection, and sales letters
October 14	The Follow-Through Communication Letters, telegrams, telephone
October 21	The Report and Memorandum
October 28	Bibliography The proper assembly of bound reports; collating
November 4	Writing Minutes of Meetings: Corporation Minutes, Bylaws

The class will meet on consecutive Wednesdays, as listed above, from 7 to 9 p.m., in Room 120 of Central High School. Fee, \$7.

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 Tuesday evenings, from 7 to 9:30 p.m., beginning September 15, in Room 304 of Central High School. Robert N. Robinson, C.P.A., will be the instructor. Information regarding C.P.A. examinations and related questions may be obtained from the State Board of Accountants, 304 State House, Indianapolis, Indiana. Fee, \$30.

Conservation Education

Because of the increasing population and high demands for consumer goods, our natural resources are dwindling at an alarming rate. This is a concern that touches every citizen. Our national future depends on a wise program of conservation that can succeed only if the individual citizen understands the problem and co-operates. This course should be especially helpful for developing leadership within the community in this field of interest: for elementary and secondary teachers, administrators, camp counselors, 4-H club leaders, and others who wish to be articulate on this subject.

Mrs. J. W. Conboy, graduate student of conservation, will conduct the class. Illustrative aids will be used.

September 14	What Was Our Heritage? Our country before colonization
September 28	Our Forests—First to Go What is tree-farming?
October 12	Our Vanishing Wildlife Population studies
October 26	Our Minerals Diminishing returns
November 9	Our Water—Everywhere, or Is It?

The class will meet on alternate Mondays, from 8 to 9:15 p.m., in Room 212 of Central High School. Fee, \$4.

Current World Tension Areas

First Sequence

Since World War II, political tension areas have become a familiar feature of the international scene. This lecture-discussion course pinpoints these areas and fills in the background information necessary to understand the full importance of our daily news bulletins. A course for the individual who is seriously concerned with our country's political responsibility and its involvements outside our national boundaries. Lecturer: Jacob C. Meyer, formerly of the faculty of Western Reserve University.

- September 22 Population and Raw Materials: A Problem of Distribution
Physical and economic factors in current world tensions
- September 29 The Revolt of the Colonials
The New Africa; Indonesia adrift; the unsolved riddle of French Africa; the New China; the New India
- October 6 The Dissolution of Empires
Great Britain, France, The Netherlands, Germany
- October 13 The Explosive Near East
One hundred years of the Suez Canal; oil, holy oil, and turmoil; the Arab problem and the western dilemma
- October 20 Peaceful Change Since 1914
From League of Nations to United Nations; the challenge of new weapons

The class will meet on the Tuesdays listed above, from 7:30 to 9 p.m., in Room 322 of Central High School. Fee, \$6.

Modern Distribution Problems

A discussion series for sales executives to provide interchange of ideas and to stimulate creative thinking relating to everyday situations in the distribution of manufactured goods. Instructor: Keith Klopfenstein, Partner, J. Lincoln Carter Advertising Agency.

- September 16 Recognizing the Potential in Sales Applicants
- September 23 Training the Organization, the Individual
- September 30 Incentives, Quotas, and Realistic Compensation
- October 7 Promotion and Advertising as Tools of Sales Management
- October 14 Evaluating Your Competition

The class will meet on the Wednesdays listed above, from 7:30 to 9 p.m., in Room 322 of Central High School. Fee, \$10.

Economics for Consumers

With the proper financial management and wise market selection, the consumer can often increase the amount of actual goods and services he can purchase within the limitations of his particular income. This course is designed to fill the need for consumer education in an economy of multiplicity of both goods and services where personal income is nevertheless a limiting factor. Instructor: Daniel Connell, Lecturer in Economics at the University Center.

- September 14 Our Life as Consumers
Managing your income; shopping habits; protections for consumers
- September 21 The Consumer's Banking, Credit, and Investment
- September 28 The Consumer and His Home
Rent or own; build or buy; buying home furnishings
Speaker—Ben Drollinger

October 5	The Consumer Buys Food, Drugs, Cosmetics
October 12	The Consumer Buys Clothing
October 19	The Consumer's Financial Security Exploiting family time and skills; insurance, Social Security

The class will meet on the Mondays listed above, from 8 to 9:30 p.m., in Room 301 of Central High School. Fee, \$4.

English Review

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 321 of Central High School, beginning September 14. Mrs. Ruth D. Weir will be the instructor. Fee, \$15.

English Theme Writing and Grading

Secondary School Level

This course is designed to help teachers handle the assigning and the grading of the written composition efficiently. Its objective is to present the written composition so that the whole process results in time economy and a quality experience for both teacher and student. Instructor: John A. Cassidy.

September 16	Types of Theme Assignment Relating the theme assignment to specific aims
September 23	General Principles of Theme Grading Minimum standards, quality analysis, scoring, student involvement in scoring
September 30	Principles of Statistical Analysis of Themes Writing skill improvement through techniques for student self-evaluation
October 7	Techniques of Rapid Reading of Themes Time economy study
October 14	Grading of Sample Themes Laboratory session

The class will meet on five consecutive Wednesdays, as listed above, from 7:30 to 9 p.m., in Room 321 of Central High School. Fee, \$7.

Ethics for Today

We cannot live to ourselves; our actions relate to and modify the actions of other individuals. Social order defined and observed is a requisite for the welfare of any society. What is the basis for rules of conduct and how are these rules applied in the various life experiences? This is the subject matter of this course. A lecture-discussion series of eight meetings as outlined below. Instructor: M. C. Lehman.

September 16	The Sources of Moral Ideas <i>Moral Laws</i> , Brightman; <i>The Problem of Choice</i> , Roberts; Johnson-Hamilton
September 23	Popular Methods of Determining Right and Wrong <i>Problems of Conduct</i> , Drake; <i>The Fundamentals of Morals</i> , Leighton; Sharp
September 30	Is Social Conduct Possible Through Self-Realization? <i>The Things That Matter Most</i> , Flewelling; <i>Self-Realization</i> , Wright; <i>What Can Man Make of Man?</i> , Hocking; Johnson-Welden
October 7	What Is the Self? <i>The Will to Believe</i> , James; <i>The Meaning of Truth and Religion</i> , Lyman; <i>The Teachings of Jesus</i> , Branscomb
October 14	Marriage and the Home <i>Character and the Conduct of Life</i> , MacDougall; <i>The New Morality</i> , Drake; Barrett
October 21	Professional and Business Codes <i>Professional and Business Ethics</i> , Taeusch; <i>Ethics for Today</i> , Titus; <i>A Critical Introduction to Ethics</i> , Wheelright
October 28	Modern Morals and International Relations <i>Causes of International War</i> , Dickinson; <i>The Individual and the Social Order</i> , Leighton
November 4	Ethics and Religion <i>What Religion Is and Does</i> , Houf; <i>A Philosophy of Religion</i> , Brightman; <i>A Common Faith</i> , Dewey

The class will meet on the Wednesdays listed above, from 7:30 to 9 p.m., in Room 320 of Central High School. Fee, \$7.

Ethics for Today

Elkhart

The course described above will also be given in Elkhart at the Elkhart High School under the supervision of the Department for Vocational and Adult Education, from 7:30 to 9 p.m., on the following Thursdays: September 17, 24, October 1, 8, 15, 22, 29, and November 5. Registration may be completed through E. T. Organ of the Elkhart High School Vocational Education Office or by mail by using the registration blank at the back of this *Bulletin*. Fee, \$7.

Fiction Writing Workshop

A course for those who are interested in fiction writing either from the standpoint of a stimulating hobby or for publication. Emphasis will be on the short story. Its forms and characteristics will be analyzed and discussed on the basis of experience with the recognized masters of prose. The instructor will give critical assistance on individual projects. The forms and problems of novel writing will be studied by comparison and contrast with those of the short story. Participants may choose either category as a basis for practice, guidance, and criticism.

The class will meet throughout the semester on Wednesdays, beginning Sep-

tember 16 and ending January 20, excluding holidays, from 7:30 to 9:30 p.m., in Room 314 of Central High School. Instructor: Francis Carpinelli. Fee, \$20.

Local Government and the Individual

This series of five meetings developed through the co-operation of the Indiana University South Bend-Mishawaka Center and the South Bend League of Women Voters endeavors to provide specific information concerning certain current procedures on the local government level as they affect individual citizens.

- September 24 "You Are Under Arrest"
The question of traffic violations, how charges are determined; procedures from arrest to conviction or acquittal
Panel—police officer, judge, lawyer—to be selected
- October 1 "You Are Under Arrest"
Juvenile offenses and adult predicaments; legal procedures and individual rights and responsibilities
Panel—judge, lawyer, probation officer
- October 8 The Installment Land Contract
Advantages, disadvantages, abuses
Speaker—Harold F. Lusk, Indiana University School of Business
- October 15 Installment Buying
Interest rates, carrying charges, hidden charges, rights and obligations
Speaker—Daniel R. Connell, Indiana University Center, Lecturer in Economics
- October 22 Property Loans and Insurance—Barrett Bonds
How rates are set, why various coverages, how Barrett Bonds affect the property owner; rights and obligations
Panel—banker, insurance man, city engineer

The class will meet on the Thursdays listed above, from 7:30 to 9 p.m., in Room 322 of Central High School. Fee, \$3.

I.U. Center Concert Series

Eighth Annual Series

Through the 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 Art-Music Department of the Progress Club of South Bend. The artists are members of the faculty and students 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 11 To be announced
- November 15 Belles of Indiana University
- January 10 Indiana University Opera Workshop
- February 7 Ray Dudley, Piano

All concerts will be held, from 3 to 4:15 on Sunday afternoon in the Progress Club Auditorium, 601 West Colfax Avenue. The fee for the entire

series will be \$4. High School and University Center students may register for the series for \$2. Registrations may be made at the Office of the University Center, or by mail on the application form at the back of this *Bulletin*. Information may also be obtained from Mrs. George Grassby, President, Mrs. Stanley O'Hair, Chairman of the Art-Music Department, or Mrs. William Barr, Chairman of the project for the Progress Club.

I.U. Center Foreign Films

The Indiana University Center, with the co-operation of the Mishawaka chapter of the Mu Delta Sorority, is again offering to the South Bend-Mishawaka and neighboring communities a series of foreign films chosen for their artistic and educational excellency. These films are offered on a series basis at a low cost. The pictures are shown at the River Park Theatre, 2927 Mishawaka Avenue, South Bend.

- October 14 **The Green Man**
An example of English Comedy starring Alastair Sim and George Cole
- October 28 **The Grasshopper (Color)**
Russian language drama with English titles after the story by the noted author, Anton Chekhov
- November 11 **Rififi**
French language film with English titles. An exceptional example of the suspense genre
- December 2 **The Magnificent Seven**
A Japanese language film based on sixteenth-century historical subject matter developed in heroic proportions

The films will be shown twice nightly, on the Wednesdays listed above, at 7:30 and 9:15 p.m., with the exception of the last which, because of its length, will be shown once only beginning at 7:30 p.m. Registration for this series should specify the hour of attendance. Use registration blank in back of this *Bulletin*. Fee, \$3 for the series.

Industrial Supervision

A course developed to analyze the function of modern supervisors' conferences. It will cover methods, techniques, and practices required for supervisors to function effectively in industry. Official confirmation of participation in this series, based on faithful attendance, will be given at the end of the course, if requested. Instructor: John T. McGuckin.

- September 16 **Introduction to Industrial Supervision**
Role of management; responsibilities of a supervisor
- September 23 **Understanding Organization**
Planning and scheduling operations
- September 30 **Directing and Co-ordinating Work**
Controlling quantity, quality, and cost
- October 7 **Studying Work Methods for Improvement**
Developing better work methods

October 14	Effective Use of Man Power
October 21	Employment Induction and Orientation Job instruction and techniques
October 28	Understanding Employees Motivating the work group
November 4	Communications in Industry
November 11	Counseling and Coaching Techniques Case study; employee counseling
November 18	Planning Self-Improvement in Supervision Summary of and evaluation of course

The class will meet on the Wednesdays listed above, from 7 to 8:30 p.m., in Room 313 of Central High School. Fee, \$15.

Insurance Principles and Practices

C.P.C.U.

The C.P.C.U. educational program is presented co-operatively by the University Center and the Chartered Property and Casualty Underwriters. The series of courses has been developed by the American Institute for Property and Liability Underwriters and is a comprehensive study covering four broad areas: insurance principles and practices; general education; law; and accounting, finance, and agency management.

This program is directed toward assisting the registrant to prepare to take the examinations required for the C.P.C.U. designation. The course being presented this year by George W. Viger will treat insurance principles and practices. It will center about the economics of insurance; the insurance mechanisms; contract provisions; types of carriers; agency and brokerage; organization of carriers; state regulation and supervision.

The class will meet for thirty-four Mondays (usual holidays observed), from 5 until 7 p.m., in Room 319, beginning September 14. Fee, \$72 for the year.

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 14, in Room 320 of Central High School. Instructor: Ned Brooks. Fee, \$30.

Casualty Insurance will be offered during 1960-61.

Interior Decorating

This series of five lectures on interior decorating will be delivered by Elton Breckenridge, professional lecturer, designer, and teacher. The lectures will be illustrated with materials and slides. Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago.

- September 10 Fundamentals in Decorating
- September 17 Color in Paint: Mixing and Applying
- September 24 Planning Color Schemes for the Home
- October 1 Walls and Wallpapers
- October 8 Fabrics: Drapery and Upholstery

The class will meet on the Thursdays listed above, from 7:30 to 9 p.m., in Room 114 of Central High School. Fee, \$4.

Investment Principles

Warsaw

This series of lecture-discussion meetings is intended to inform the lay investor on the basic principles of intelligent investment. Special emphasis will be placed on the study of common and preferred stock. Discussion opportunity will follow each formal lecture to permit clarification of points raised. The following outline will be used.

Lecturer: Charles H. Beutter, Vice-President and Trust Officer of the St. Joseph Bank and Trust Company.

- September 14 Various Types of Investments
- September 21 Information You Need Before Investing
- September 28 Selecting Investments Satisfactory for You
- October 5 How and When To Make Investments
- October 12 Common Stocks That Are Current Favorites

The class will meet on five consecutive Mondays, from 8 to 9:15 p.m., in Warsaw High School. Fee, \$6.

Law for the Layman

Legal Rights

The subject matter of this course concerns the current legal status of problems that frequently confront the American citizen, whether he is a tenant or landlord, a borrower or lender, an employee or employer, the maker of a will or the holder of an insurance policy.

The course is divided into twelve class meetings to insure adequate coverage of the subject matter discussed. The six meetings listed below will be followed in the second semester by six meetings covering insurance, landlord and tenant, business organization procedures, and creditor's rights. Instructor: Harry Heppenheimer, attorney-at-law.

- September 22 Personal Property Rights
 Real and personal trademarks; registration; patents—literary and copyright; title to stolen property; discoveries and inventions; claims and rights of action

- September 29 Personal Property Rights (continued)
 Conditional and installment sales; chattel mortgage; abandonment
 of property; lost and found property; liability for property; powers
 of attorney, etc.
- October 6 Real Property
 Kinds of deeds; delivery of deeds; unenforceable restrictions; ease-
 ments
- October 13 Real Property (continued)
 Kinds of mortgages; property improvement; foreclosures; land
 contracts; real property taxes; foreclosure sale for taxes
- October 20 Wills and Estate Planning
 Basic definitions; charitable bequests; rules for executing will; safe-
 keeping of wills; failure to follow statutes
- October 27 Wills and Estate Planning (continued)
 Mutual wills; common disasters; holographic wills; oral wills; tax
 impact on small estates; intestate succession; widows' rights;
 widowers' rights; children's rights; no heirs

The class will meet on the Tuesdays listed above, from 7 to 8:30 p.m., in Room 320 of Central High School. Fee, \$6.

Lyric Choral Group

In co-operation with St. Joseph Valley American Guild of Organists

This is a music experience opportunity for those who wish to improve their group singing skill and desire a more intimate knowledge of sacred choral literature and choir techniques. The group will do reading of new works, with pitch and rhythm exercises for sight reading. Over an extended period of time, a selected core of works will be rehearsed and polished; the structure of these works will be analyzed to show the importance of analysis to good performance. This experience will also include elementary study of voice production.

The group will meet throughout the semester once a week every Tuesday (excepting holidays), from 7 to 9 p.m., in Room 108 of Central High School, beginning on September 15. This course may also be taken for regular University credit (see schedule of classes in this *Bulletin*). Music numbers not in the present University Choral Music library may be purchased at the Center Bookstore, Room 220, Central High School. Inquire about club rate fee for church choirs. Director: Mary Oyer. Individual fee, \$8.

Marriage and the Modern Family

An experienced social and spiritual leader discusses some pertinent questions relating to our most basic social institution, that has more to do with the development of positive and productive individuals than any other.

Young people contemplating marriage, as well as those already involved in the manifold responsibilities, joys, and stimulating challenges of modern family living, should find this course valuable. Instructor: Rabbi Albert M. Shulman.

- September 15 Introduction: The Family Yesterday and Today
 Marriage—Why get married?
- September 22 Preparing for Marriage
 Dating, courtship, premarital behavior, and communication

- September 29 **The Role of the Sexes**
 Taboos of sex; healthy attitude toward sex; sexual adjustment in marriage
- October 6 **Living Together**
 Companionship; mutual interests; social life; budget; working parents; compatibility
- October 13 **Divorce Conditions and Problems**
 Basic causes; religious obstacles; separation; unrealistic legislation
- October 20 **Blue Prints for Happiness**
 Building your marriage; the ten commandments for happiness; marriage counseling

All classes will meet on the above Tuesdays, from 8 to 9:15 p.m., in Room 305 of Central High School. Fee, \$5.

Mathematics Review

The purpose of this course is to give high school graduates who have been out of school for some time and who now wish to enter college an opportunity to clear up weakness in this area of study. College freshmen, whose interest is in science, where solid mathematical knowledge counts, may take this course concurrently with their regular course of study as a brush-up experience. Elementary and secondary school teachers, as well as persons with business interest, will also find this review useful. Instructor: Lester J. Zimmerman.

- September 16 **Our Number System**
- September 23 **Fractions and Percentage**
- September 30 **Formulas and Equations**
- October 7 **Ratio, Proportion, and Variation**
- October 14 **Logarithms and Slide Rule**
- October 21 **Measurement Computation**
- October 28 **Elements of Finance**
- November 4 **Statistical Concepts and Measures**
- November 11 **Properties of Geometric Figures**
- November 18 **Graphs and Graphical Solutions**
- November 25 **Functional Relationships and Notation**
- December 2 **Trigonometric Functions and Identities**

The class will meet on Wednesday, from 7:30 to 9:30 p.m., on the dates listed above, in Room 123 of Central High School. Fee, \$15.

Medical Assistants' Training Program

Co-sponsor, St. Joseph County Chapter of Medical Assistants Association

This program consists of a six-part study course for medical assistants or for individuals interested in preparing for this vocation. Each part provides for

sixteen two-hour sessions in the following areas: medical information for medical assistants; nursing information for medical assistants; law and economics in medical office administration; medical office management; psychology of human behavior; dynamics of human behavior. Law and economics in medical office administration will be given this semester. Instructor: David Matthews, attorney.

Any person who has completed the six courses included in this program and has a good class attendance record may request an official letter of confirmation of this fact from the Indiana University Center.

The class will meet on sixteen successive Tuesdays, from 8 to 10 p.m., beginning September 15, in Room 318 of Central High School. Fee, \$24.

Music—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. No knowledge of the technical aspects of music is necessary for admission. (See also under credit courses, page 23.)

Cecil Deardorff will present this series on Mondays, from 7:30 to 9:30 p.m., in Room 108 of Central High School, beginning September 14. Classes meet for sixteen weeks. Fee, \$7.

Nurses' 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 nurses' 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 page 18.

Painters and Their Paintings

South Bend

This series of five lectures on this medium of art is intended for those who wish to possess some ability to judge the relative quality of paintings wherever they are encountered, without reference to the reputation a signature gives.

The lectures will be supplemented by illustrations. Elton Breckenridge, who is well known in our community for his courses in interior decorating, will conduct this class. Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago.

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| November 19 | The Mighty Rembrandt |
| December 3 | The Impressionists and Their Contributions |
| December 10 | Vincent Van Gogh—Interpretation of His Life and Work |

December 17 Cezanne—His Art and Its Influence

January 7 Modern Art Speaks to Me

The class will meet on the above Thursdays, from 7:30 to 9 p.m., in Room 114 of Central High School. Fee, \$4.

Painters and Their Paintings

Second Sequence

Elkhart

This series of five lectures on this medium of art is intended for those who wish to possess some ability to judge the relative quality of paintings.

The lectures will be supplemented by illustrations. Elton Breckenridge, who is well known in our community for his courses in interior decorating, will conduct this class. Mr. Breckenridge is a graduate of the School of the Art Institute of Chicago.

October 15 Drawings and Paintings of Prehistoric Man

October 22 The Little Dutch Masters

October 29 The Development of Landscape Painting

November 5 Painting in America

November 12 Let's Look at Pictures

The class will meet on the above Thursdays, from 7:30 to 9 p.m., in the Elkhart High School. Registration may be completed on the form provided in this *Bulletin* or at the Elkhart High School with E. T. Organ. Fee, \$4.

Personnel Management

This course gives a survey of the varied responsibilities of modern personnel administration and the techniques and methods used to effect maximum efficiency in business endeavors.

There will be opportunity for discussion of practice and theory in a group atmosphere after each lecture so that the value of experience can be brought to bear on specific personnel problems. Outlines for each session topic with appropriate mimeographed references will be provided. The course should be beneficial for those already engaged in part- or full-time personnel administration, as well as for those who are considering this field as an occupation.

Instructor: Earl D. McConnell, Personnel Administrator, Bendix Aviation Corporation, Mishawaka. Official certification of satisfactory completion of this course will be issued to those who desire it. An abbreviated outline follows:

September 14 Principles of Personnel Administration

September 21 Recruiting and Selection

September 28 Aspects of Industrial Training

October 5	Job Evaluation
October 12	Wage and Salary Administration
October 19	Employee Relations
October 26	Employee Appraisal
November 2	Employee Benefits and Service
November 9	Personnel Forms and Records
November 16	Personnel Research

All meetings will take place on the Mondays listed above, from 8 to 9:30 p.m., in Room 322 of Central High School. Fee, \$15.

Color Photography for the Amateur

Basic

September 15	Let's Talk Photography Mr. Schilling Group discussion on general photographic problems, interests. Sources of photographic information and discussion of types of equipment
September 22	What Is Light Dr. Gerkin Components and characteristics of light, effect of filters—polarized light
September 29	Color Films and Their Characteristics Eastman Kodak Company Representation Discussion of the negative color and transparency systems
October 6	How to Determine Proper Exposure Mr. Schilling Use of exposure charts, manufacturer's rating guides, shade ex- posure, photoelectric exposure meters
October 13	The Effect of Light Source on Color Reproduction and Viewing Mr. Schilling
October 20	Composition Mr. Zisla Arrangement of subject-matter material and the effective use of color—esthetic appeal
October 27	Workshop Sessions Mr. Schilling Critical examination of student slides

Classes will meet in Room 319 of Central High School, on the Tuesdays listed above, from 8 to 9:15 p.m., except for the September 29 lecture which will be held at the DeGroff Studio, from 8 to 10 p.m. Fee, \$5.

Photography—Applied

Glamour Lighting

This course is a laboratory experience in the use of inexpensive reflector floods to achieve professional results with the student's own camera. Students will bring their cameras to class for each meeting. Different models will be used to

illustrate the necessity for using different lighting techniques when the subject matter varies.

Classes will meet at the DeGroff Studio at 1920 South Michigan, where complete and modern laboratory equipment will be available, on seven successive Thursdays, from 8 to 10 p.m., beginning September 17. Instructor: K. C. DeGroff. Fee, \$15.

Contemporary Poetry

Critical-Analytical Approach

An appreciation of poetry involves more than an emotional response. In this field of art, as in any other, appreciation is always conditioned by experience and knowledge. This series of six lectures endeavors to provide the tools for the evaluation of poetry by critical examination of specific examples. The first two sessions will lay the basis for four sessions on contemporary poetry. Instructors: Lester M. Wolfson, and Karl E. Zink.

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| September 22 | An Introduction to the Critical Analysis of Poetry I |
| September 29 | An Introduction to the Critical Analysis of Poetry II |
| October 6 | Contemporary Poetry I |
| October 13 | Contemporary Poetry II |
| October 20 | Contemporary Poetry III |
| October 27 | Contemporary Poetry IV |

Meetings will be held on the above Tuesdays, from 8 to 9:30 p.m., in Room 314 of Central High School. Fee, \$6.

Psychiatry for the Medical Practitioner

The South Bend-Mishawaka Indiana University Center is co-operating with the Indiana University Medical Center and the Northern Indiana Psychiatric Society in developing a regional Northern Indiana postgraduate course in psychiatry for the medical practitioner. This course has been made possible by a grant from the National Institute for Health, and is one of three regional courses in this subject-matter field to be given in 1959-60.

Additional information will be issued after definite planning has been completed.

Introduction to Psychoanalysis

Series I. The Theory and Application of the Principles of Sigmund Freud

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

The topics to be discussed are outlined from Freud's *Introductory Lectures on Psychoanalysis*.

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

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| September 17 | Basic Concepts of Psychoanalysis |
| September 24 | How Character and Personality Develop |
| October 1 | Repression |
| October 8 | The Theory of Dream Interpretation |
| October 15 | An Evaluation of the Contributions and Influence of Freud |

All classes meet on Thursday, from 8 to 9:15 p.m., in Room 215 of Central High School. Fee, \$6.

Public Relations

Series III

Although public relations as a co-ordinated field of enterprise originated only recently, it has become a vital role in the continuing healthy progress of business organizations and public institutions. In all fields of endeavor, where informing people and creating a good climate for community, state, or national projects has vital importance, the public relations techniques are useful. Co-sponsored by the South Bend Chamber of Commerce and the Committee of 100 of South Bend-Mishawaka.

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| September 22 | What Is P.R.—and Who Can Make It Work? . . . J. F. Kelleher,
Vice-President, Linder-Kelleher and Company |
| September 29 | Motivational Research Staff of <i>Chicago Tribune</i> |
| October 6 | An Editor Looks at P.R. John J. Powers,
Managing Editor, <i>South Bend Tribune</i> |
| October 13 | P.R. in Industry and Business G. A. Waindel,
P.R. Director, Studebaker-Packard Corporation |
| October 20 | Co-ordinating P.R. Programs in the Community Interest
Lecturer to be announced |
| October 27 | Review of Current P.R. Techniques J. F. Kelleher |

All meetings will take place from 8 to 9:15 p.m., in Room 114 of Central High School on the Tuesdays listed above. Fee, \$7.

Radiation Biology

This course is an introduction to the most recently discovered tool applicable to biological sciences. The value of radiation as a tool of science is classed in the same category as the invention of the microscope and the analytical balance. The series of lectures will cover the basis of atomic structure, the fundamental principles of radioactivity, methods of detection and measurement of radioactivity, and practical uses of radiation in science, industry, and medicine. Instructor: James L. Early.

September 14	Atomic Structure of Matter and the Fundamental Principles of Radiation
September 28	Methods of Detection and Measurement of Radioactivity
October 12	Effects of Ionizing Radiation on Matter
October 26	Peacetime Uses of Radiation in Science, Industry, and Medicine
November 9	Experimental Uses of Radioactive Materials in the Biology Laboratory
November 23	Sources of Information for Users of Radioactive Materials Uses for, protections, supply sources, Federal regulations

Lectures will be given on the alternate Mondays listed above, from 7 to 9:30 p.m., in Room 401 of Central High School. Fee, \$6.

Real Estate—Appraisal

In co-operation with the South Bend Board of Realtors and the Indiana University School of Business, the University Center has developed a four-semester course of four sequences in the field of practical real estate education: (a) general principles; (b) appraisal; (c) sales and brokerage; (d) law—contracts and conveyances. These courses are designed to give adequate coverage of this field and also to prepare the enrollee to take the Indiana Real Estate Examination.

This course in appraisal deals with principles, techniques, and approaches used in determining the value of all types of real estate. The course following in the second semester of 1960 will be Sales and Brokerage. Instructor: John F. Enright of Appraisal Associates Inc., Chicago, Illinois.

September 16	The Function and Purpose of Appraisal
September 23	The Nature of Real Property and Value
September 30	Basic Principles of Real Property and Value
October 7	The Appraisal Process
October 14	Area and Neighborhood Trends
October 21	Site Valuation and Architectural Styles
October 28	Building: Material, Equipment, and Functional Utility
November 4	Building Cost Estimates
November 11	Depreciation
November 18	Technique of the Cost Approach
November 25	Correlative of the Three Approaches to Value
December 2	Review Exam

The class will meet on the Wednesdays listed above, from 7 to 8:30 p.m., in Room 319 of Central High School. Fee, \$25.

Religions of Mankind

This course on comparative religion offers seven lectures on the history of religion. It begins with man's first attempt to explain the mystery of life and nature and is carried through the crystallization of the God concept in the major religions of mankind. Instructor: Rabbi Albert M. Shulman.

September 10	How Religion Began: Man's Search for God
September 17	Hinduism and Buddhism
September 24	Confucianism and Zoroastrianism
October 1	Islam: The Religion of Mohammed
October 8	Judaism
October 15	Christianity
October 22	Patterns of Religious Faith

The class will meet on the above Thursdays, from 8 to 9:15 p.m., in Room 401 of Central High School. Fee, \$6.

You and Your Retirement

The purpose of this course is to give essential information regarding physical, mental, sociological, and economic factors involved in a successful retirement experience. The course is offered for Union members through the co-operation of the A.F.L.-C.I.O. Community Services Committee of the St. Joseph County A.F.L.-C.I.O. Council and the Indiana University Center. Discussion Leader: Frank W. Kleva, A.F.L.-C.I.O. Community Services Representative, assisted by local resource people.

September 15	An Introduction to the Union Retirement Program
September 22	Social and Psychological Meaning of Work
September 29	Financial Planning for Retirement
October 6	Supplementing Retirement Income
October 13	Nutrition and Health
October 20	Medical-Physical Aspects of Aging
October 27	Happiness in Personal and Social Relations
November 3	Family, Friends, and Living Arrangements
November 10	Where to Live—The Relocation Question
November 17	The Union, the Community, and the Retired Worker

The class will meet on the Tuesdays listed above, from 7 to 9 p.m., in Room 317 of Central High School. Booklets relating to the course may be obtained in the University Center Bookstore in Room 220. Fee, \$6.

Russian—Easy Conversation and Reading

This course is for those who have had no previous experience with the Russian language. The aim will be to achieve an elementary proficiency in conversation that centers around daily activities. The text will introduce a vocabulary of approximately 1,000 basic words in easy reading material. If there is sufficient demand, this course will be followed by an intermediate course in the second semester of 1959-60.

The class will meet from 7:30 to 9:30 p.m., on the following twelve Thursdays: September 10, 17, 24, October 1, 8, 15, 22, 29, November 5, 12, 19, December 3, in Room 224 of Central High School. Instructor: Mrs. Jurij Fedynskyj. Fee, \$10.

Russian (Continuing)

A course for those who have completed the first-level course, Easy Conversation and Reading, and wish to continue increasing both speaking and reading skill in this modern foreign language. Others who have had some training in the Russian language may also register with the consent of the instructor.

The class will meet from 7:30 to 9 p.m., on the following Fridays: September 11, 18, 25; October 2, 9, 16, 23, 30; November 6, 13, 20; December 4; no class will be held during the Thanksgiving holiday. Instructor: Mrs. Jurij Fedynskyj. Fee, \$10.

School-Community Series

South Bend

The South Bend-Mishawaka Indiana University Center is co-operating with the P.T.A. organization of St. Joseph County, Mishawaka, and South Bend City in developing a series of four lecture-discussion evenings on important school-community interest topics.

The meetings are scheduled at the Nuner School for the following Wednesdays: October 7, 14, 21, and 28. Full descriptive literature will be in the hands of local P.T.A. presidents by mid-August. Registration as usual will be through the P.T.A. organizations.

School-Community Series

Knox

In co-operation with the Knox, Indiana, public school administration and P.T.A. organization, the University Center is offering a series of four lectures in the field of child psychology at the Knox High School Auditorium during the first semester. The lectures are scheduled to take place from 7:30 to 9 p.m., on the following Wednesdays: October 7, 14, 28, and November 4.

Other Knox County School organizations and citizens are invited to attend. Arrangements should be made through the Indiana University Center office, South Bend, the address or telephone number of which appears on the cover of this *Bulletin*. All inquiries should be made before September 1.

School-Community Series

Plymouth

The various Plymouth Parent-Teacher groups and the school administration are co-operating with the South Bend-Mishawaka Indiana University Center in developing a series of fall meetings relating to local school interests. Publicity regarding this project will be made public through P.T.A. and school administration offices and the Indiana University News Bureau.

School-Community Series

La Porte

A new lecture-discussion sequence for parents and teachers of the La Porte School-Community has been developed through the co-operation of La Porte School City, La Porte P.T.A., and South Bend-Mishawaka Indiana University Center for this first semester. Subjects will include: Who determines the content of school curriculum planning; the relationship between school work and home activities; re-thinking of the school curriculum; processes of learning; moral and spiritual values in the school experience.

The meetings will take place on the following Mondays: September 28, October 5, 12, 19, 26, and November 2. Local publicity will announce place and speakers.

Other county school organizations and teachers are invited to participate. Arrangements should be made through the University Center before September 1. The address and telephone number appear on the cover of this *Bulletin*.

School-Community Series

Warsaw

The Warsaw school administration office, the various P.T.A. organizations of Warsaw city and county and the County Home Demonstration office are co-operating with the South Bend-Mishawaka Indiana University Center in the promotion of a six-meeting first-semester lecture series on the following subjects: Your child and college; teen-agers' attitude toward discipline at home and school; the curriculum—who determines what is to be taught; emotional roots of learning—likes and dislikes for subject matter; a panel for parents and teachers—an integrated review of child-rearing techniques; the learning process.

The meetings will take place at Lincoln School, from 7:30 to 9 p.m., on the following Tuesdays: October 13, 20, 27; November 3, 10, 17. Full descriptive publicity and information on registration procedures will appear in early fall.

School-Community Series

Rochester

The Rochester Community P.T.A. organizations, the City School Board, and the administrators of the Rochester school system are co-operating with the Indiana University South Bend Center to provide for lectures in the field of child psychology during the first semester.

Other schools and school organizations in Fulton County are invited to take part in these meetings upon making arrangements with the Indiana University Center Adult Education Office, the address and telephone number of which appear on the cover of this *Bulletin*. All inquiries should be made before September 1.

Secretarial Training

Part II

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 accounting and business law are the areas to be covered during the first semester, 1959-60. Secretarial economics and statistics will be presented during the second semester, 1959-60. Secretarial and office practices, and personal adjustment and human relations are the areas to be covered during the first semester, 1960-61.

The class will meet for seventeen successive Thursdays, from 6 to 8 p.m., beginning September 10, in Room 403 of Central High School. Instructor: Philip M. Swadener. Fee, \$24.

Self-Understanding

Second Sequence

This study-discussion course has been developed for men and women who wish to make the most of the mature years, to reflect on the possible readjustments that will need to be made to meet the challenges, and to make best use of the opportunities that a longer life span offers them. Discussions will be based on essays and will supplement readings concerning the various aspects of growing older.

Mrs. T. Dale Swem, Indiana State Commission on the Aging and Aged, will act as chairman of the discussions. She will be aided by resource people whose professional knowledge relates to the specific subject under discussion.

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| September 21 | Aging as a Modern Social Achievement
The phenomenon of a leisure-centered society |
| September 28 | Middle Age: The New Prime of Life
Time to plan for maximum self-realization and enrichment |
| October 5 | The Human Machine at Mid-Life
Recognition of the meaning of physical and psychological changes, and realistic planning for the future |
| October 12 | Aging in Earlier Cultures—New Family Roles
Interdependence vs. new independence, causing financial reorientation and emotional readjustment, living changes |
| October 19 | Curiosity, Comprehension, Creativeness
The new interest in the nature and goal of life and the tool role of liberal education to achieve a degree of quality in living |

- October 26 **New Concept of Citizenship Responsibility**
Organizational activities replace individual relationships of younger years
- November 2 **Creating the Climate**
The community and the individual unite forces

Meetings will take place on the Mondays listed above, from 7:30 to 9 p.m., in Room 318 of Central High School. Reading materials available in Indiana University Center Office. Fee, \$4.

Shorthand Review

Two different courses in shorthand are included among the University credit courses offered during the present year: the first and second semesters of intermediate shorthand. Those not interested in degree programs may register as special students in either of the shorthand courses for which they are prepared (see page 19 for the shorthand course offered this semester). The instructor in this class 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. Fee, \$21.

Social Services to the Individual

This is the second of a series of courses in the field of social work. The previous course, Modern Social Services, dealt with the organization of social services to meet human needs. This course deals with the methods of providing services to individuals.

The course will meet once a week on Mondays, beginning September 14, throughout the first semester, from 7:30 to 9 p.m., in Room 205 of Central High School. Those wishing University credit for this course may consult the credit offerings section of this *Bulletin* under Social Service S415. Lecturer: Celeste Fink. Noncredit fee, \$10.

Speed Reading

Developmental Reading for Adults

Many persons 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 people must read today and understand quickly, the ability to read swiftly and intelligently has become of 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 and equipment will be employed, along with regular and frequent evaluations, to accomplish this purpose. The instructor will attempt to discover the reading weaknesses of each student, and to make the necessary recommendations for improvement.

Two sections of the class have been scheduled. Section 1 will meet for twelve successive Tuesday evenings, from 7 to 8:30 p.m., beginning September 15, in Room 218 of Central High School. The instructor will be Michael Rose. Fee, \$15.

Section 2 will meet for twelve successive Wednesday evenings, from 6:30 to 8 p.m., beginning September 16, in Room 216 of Central High School. Instructor: Mrs. Adelaide Earhart. Fee, \$15.

Stock Exchange Securities

First Sequence

This course is given as a supplement to the basic course, Principles of Investments, given during the second semester. It is intended for those who want more advanced and detailed information on the financial and operational history of our major national industries whose stock is currently being traded on the exchanges.

The sequence of eight meetings listed below will be followed by another series of eight lectures during the second semester, covering the following industries: food processing and distribution; beverage and tobacco; paper and pulp; steel; aluminum and other non-ferrous metals; machinery and automation; investment companies; miscellaneous. Instructor: Arthur H. Schomp, Account Executive, Merrill Lynch, Pierce, Fenner & Smith, Inc.

September 16	Principles of Stock Market Analysis Analysis by lay investors, securities salesmen, and professional securities
September 23	Air Transportation Industry Aircraft manufacturers; airlines
September 30	Surface Transportation Industry Rail, automobiles, and other surface transportation
October 7	Petroleum and Natural Gas Industries Petroleum; natural gas—producers, pipelines, distributors, integrated systems
October 14	Chemical Industry
October 21	Ethical Drug Industry
October 28	Electronics and Atomic Energy
November 4	Public Utility Industry

Classes will meet on successive Wednesdays, from 6:30 to 8 p.m., in Room 303 of Central High School. Fee, \$30.

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 17	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
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September 24	Specific Taxes Gross income tax: history and theory; rates and exemptions; preparation of model returns
October 1	Specific Taxes Gross income tax (continued); specific problems; review of recent legislative changes; various types of income, expenses, deductions, and credits
October 8	Specific Taxes Inheritance and estate taxes: history and theory; rates and exemptions; who must file; specific problems
October 15	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 205 of Central High School. Fee, \$6.

Fundamentals of Traffic Management

This course carries through both semesters of the school year. The twelve meetings listed below will be followed by eleven more beginning in February. It is for those who wish to do serious study in this field as preparation for continued study for the Inter-State Commerce Commission license for practitioners. It is also for those who wish to broaden their knowledge of this subject matter in order to qualify for company promotion. Official University Center confirmation of completion of this course with satisfactory attendance (80 per cent) will be given to those who request it. Instructor: Paul Gorsuch, assisted by William Carney and E. E. McLane.

October 22	Interstate Commerce Act: Part I Rail, water, and air; pipelines
October 29	Interstate Commerce Act: Part II Motor Carriers Act
November 5	Same as above
November 12	Interstate Commerce Act: Parts III and IV Regulation of water carriers and freight forwarding
November 19	Same as above
December 3	Administrative Procedure Organization rules and practices
December 10	Exercise of Rights and Duties of Shippers and Carriers
December 17	Cost and Productivity of Traffic Administration Department operational cost; freight-bill credit; carriers' selection
January 7	Cost and Productivity of Traffic Administration Economic importance of traffic management and carrier operations

January 14	Inception of Freight Classification Comparison of the rules
January 21	Same as above
January 28	Same as above

The class will meet on the Thursdays listed above, from 7:30 to 9 p.m., in Room 321 of Central High School. Since the course is a unit of twenty-three meetings, the complete fee must be paid at time of registration. Subject matter to be covered from February 4 through April 21 will include: bills of lading, freight rates, freight claims (eleven meetings). Total fee, \$34 for the year.

Vocabulary Building

Many persons fail to write and 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 origin and use of words, of synonyms and antonyms, and of aids in forming correct habits that inspire self-confidence.

The third and sixth meetings listed below will be Workshops. Efforts will be directed toward illustrating certain of the more formal aspects of the technique of vocabulary building; these aids may be carried on in the reading activities of the student after the course terminates.

This series should prove beneficial to all who wish to achieve greater mastery in the oral and written use of the English language, and to improve reading comprehension.

September 15	How to Acquire a More Extensive Vocabulary Through the Use of the Dictionary
September 22	Denotation and Connotation of Words; Synonyms and Antonyms; Specific and Concrete Words
September 29	Practical Application of the Principles Stressed in Previous Meetings, Through the Use of Selected Readings
October 6	Foreign Words and Expressions in English
October 13	Learning Words Through Knowledge of Greek and Latin Roots, Prefixes, and Suffixes
October 20	Practical Application of the Principles Stressed in Previous Meetings, Utilizing Selected Readings
October 27	Principles Governing Vocabulary Building

The class will meet on Tuesdays listed above, from 7:30 to 9:15 p.m., in Room 401 of Central High School. Instructor: Ann P. Lange. Fee, \$6.

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.

Registrants 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 from 7:30 to 9 p.m., on eight consecutive Mondays, beginning September 14, in Room 403 of Central High School. Fee, \$20.

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 registration. 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 7) 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 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 W101 and W102	4
Freshman Literature L101 and L102	6
Foreign Language, Mathematics, or Science* (including Psychology)	10
History H103 or H104 or H105 or H106	3
Speech S121	2
Accounting A201 and A202 or Electives	6

* One laboratory science course is required.

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	Predentistry	Hours
English W101 and W102	4	English W101 and W102	4
Chemistry C105 and C106	10	Chemistry C105 and C106	10
Zoology Z103 and Z215	10	Mathematics M107 and M113	5
Freshman Literature L101 and L102, and/or Social Sciences	6-12	Zoology Z103 and Z215	10
Mathematics M107 and M113	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	Prelaw (Business)	Hours
English W101 and W102	4	English W101 and W102	4
Foreign Language (see Academic Counselor regarding correct placement)	10	Freshman Literature L101 and L102... Science* or Mathematics or Foreign Language	6
Science	10	Government G103 and G104	6
Government G103 and G104, or other Social Sciences, Literature, Philosophy, and the Arts	6-12	History H103 or H104 or H105 or H106	6

High School Teaching (B.S. Degree)

Hours	Hours	Hours	Hours
English W101 and W102	4	Physical or Biological Science	5-10
Literature	3-6	Psychology P101	3
Social Sciences, exclusive of History	5-12	Foreign Language or Practical Arts	2-10
Education F100	2	Fine Arts or Philosophy	2-6

Students should consult the Academic Counselor for degree requirements.

Elementary School Teaching (B.S. Degree)

Hours	Hours	Hours	Hours
English W101 and W102	4	Government G103	3
History H103 and H104 or H105 and H106	6	Psychology P101	3
Freshman Literature L101 and L102...	6	Education F100	2
Sociology S161 and S163	6	Appreciation of Music I M174 and Art Appreciation H100	4
Home Economics H206	2	(30 hours from the above)	

* Must include one laboratory science.

Nursing

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

	Hours		Hours
English W101 and W102.....	4	Speech S121.....	2
Psychology P101.....	3	History H103 or H104 or H105 or	
Freshman Literature L101 and L102....	6	H106.....	3
Sociology S161.....	3	Philosophy P100.....	3

Medical Technology

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

Pre-Engineering (Purdue)

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

	Hours		Hours
Chemistry C105 and C106.....	10	Speech S121.....	2
Mathematics M107, M113, M131, M132	9	Freshman Literature L101, L102; His-	
English W101 and W102.....	4	tory H103, H104, H105, H106; or	
Engineering Graphics CE118.....	3	Government G103, G104.....	6

Preoptometry

	Hours		Hours
Chemistry C105 and C106.....	10	Zoology Z103.....	5
English W101 and W102.....	4	(See Academic Counselor regarding al-	
Mathematics M107, M113, M131, M132	9	ternative courses in Social Sciences,	
Psychology P101 and P102 or P111....	6	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		Hours
English W101 and W102.....	4	Government G103, G104 or Sociology	
Chemistry C105 and C106.....	10	S161, S162.....	3-6
Speech S121.....	2	Psychology, Literature, Economics,	
Mathematics M107 and M113.....	5	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 pre-veterinary work in colleges which offer this degree:

	Hours		Hours
English W101 and W102.....	4	History H103 and H104.....	6
Chemistry C105 and C106.....	10	American History, Government, or	
Speech S121.....	2	Economics.....	6
Mathematics M105 or M107 and M113	5-7	Psychology P101 and Sociology S161,	
Physics P201 and P202.....	10	or Literature and Fine Arts.....	6

Social Service

Students interested in majoring in the Division of Social Service should follow the following freshman program:

	Hours		Hours
English W101 and W102.....	4	Science or Mathematics.....	10
Foreign Language (required for a Bachelor of Arts degree in Social Service, recommended for a Bachelor of Science in Social Service).....	10	Sociology S161 and S162.....	6
		Literature, Philosophy, or the Arts.....	6

Freshman Engineering Program in Co-operation with Purdue University

Many courses offered by the Center 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 Center, 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:

<i>First Semester</i>	Hours	<i>Second Semester</i>	Hours
Chemistry C105	5	Chemistry C106	5
English W101	2	English W102	2
Algebra M105 or M107	5 or 3	Engineering Graphics CE118	3
Trigonometry M113	2	Analytic Geometry M131-M132	4
Elective	3	Public Speaking S121	2

English 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, 1959-60

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
Intermediate Shorthand II, C252
Business Law—Contracts, L300
Business Law—Agency, Partnerships,
and Corporations, L305
Principles of Real Estate, R300
Comprehensive Examination, W391

Chemistry

General Chemistry, C105
Inorganic Chemistry and Qualitative
Analysis, C106
Organic Chemistry II, C342

Economics

Principles of Economics I, E201
Principles of Economics II, E202

Education

Social Studies and Science for the Ele-
mentary Teacher II, E327
Introduction to Teaching, F100
The Teaching of Music in the Elemen-
tary Schools, M323
Art Experiences for the Elementary
Teacher, M333
Practice in Reading and Study for Self-
Improvement, X100

Extracurricular Activities in the Second-
ary Schools, S506

Organization and Curricular Integration
of Audio-Visual Media, R533

Utilization of Audio-Visual Materials,
R523

High School Administration, S545

English

Elementary Composition I, W101
Elementary Composition II, W102
Elementary Composition III, W103
Freshman Literature I, L101
Freshman Literature II, L102
The English Novel, 1800-1900, L348
Introduction to the Novel and Short
Story, L204
Introduction to Shakespeare, L220

Fine Arts

Art Appreciation, H100
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

Introduction to Physical Geography,
G105

German

Elementary German II, G102

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

Government

- Introduction to American Government I, G103
- Introduction to American Government II, G104
- Totalitarian Political Patterns, G364

Health, Physical Education, and Recreation

- Nature and Practice of Play, R170

History

- History of Western European Civilization I, H103
- History of Western European Civilization II, H104
- American History: General Course I, H105
- American History: General Course II, H106
- The American Middle West II, H374

Home Economics

- Nutrition, H206

Mathematics

- Intermediate and College Algebra, M105
- College Algebra, M107
- Trigonometry, M113
- Plane Analytic Geometry, I-II, M131-M132
- Elementary Calculus II, M218

Mechanical Drawing

- Engineering Graphics, CE118

Music

- Appreciation of Music II, M175
- Applied Music
- A Cappella* Singers (The Lyric Choral Group), X110

Philosophy

- Historical Introduction to Philosophy, P100
- Ethics, P240

Physics

- General Physics: Light, Electricity, and Magnetism, P202

Psychology

- Introductory Psychology I, P101
- Introductory Psychology II, P102
- Abnormal Psychology, P324
- The Psychology of Personality, P319

Sociology

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

Spanish

- Elementary Spanish II, S102

Speech and Theatre

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

Summer Session, 1960*

Course Offering

Business

Introduction to Accounting I, A201
Introduction to Accounting II, A202
Business Law—Contracts, L300
Principles of Real Estate, R300
Comprehensive Examination, W391

Chemistry

A Descriptive Survey of Chemistry I,
C101

Economics

Principles of Economics I, E201

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
Major Victorian Writers II, L334
Introduction to Shakespeare, L220

Fine Arts

Art Appreciation, H100

Government

Introduction to American Government
I, G103

Introduction to American Government
II, G104

History

American History: General Course I,
H105
Advanced Course

Mathematics

Intermediate and College Algebra, M105
College Algebra, M107
Trigonometry, M113
Plane Analytic Geometry I-II, M131-
M132

Music

Appreciation of Music I, M174

Philosophy

Historical Introduction to Philosophy,
P100

Physics

General Physics: Mechanics, Heat, and
Sound, P201

Psychology

Introductory Psychology I, P101

Sociology

Principles of Sociology, S161
The Family, S316

Speech and Theatre

Public Speaking I, S121
Public Speaking II, S122

* Summer session schedules will be available about April 1 and will be mailed on request. This list of courses is tentative and subject to change.

REGISTER by MAIL in THESE COURSES

Air Science (South Bend), \$10, page 40
 Air Science (La Porte), \$10, page 41
 Areas of American Mission Interest, \$2, page 41
 Art Introduction, \$7, page 41
 Audubon Wildlife Screen Tours, \$2.50, page 42
 Business Writing, \$7, page 42
 C.P.A. Review Problems, \$30, page 43
 Conservation Education, \$4, page 43
 Current World Tension Areas, \$6, page 43
 Economics for Consumers, \$4, page 44
 English Review, \$15, page 45
 English Theme Writing and Grading, \$7, page 45
 Ethics for Today (South Bend), \$7, page 45
 Ethics for Today (Elkhart), \$7, page 46
 Fiction Writing Workshop, \$20, page 46
 I.U. Center Concert Series, \$4, page 47
 I.U. Center Foreign Films, \$5, page 48
 Industrial Supervision, \$15, page 48
 Insurance Principles and Practices: C.P.C.U., \$72, page 49
 Insurance: Fire and Marine, \$30, page 49
 Interior Decorating, \$4, page 49
 Investment Principles (Warsaw), \$6, page 50
 Law for the Layman, \$6, page 50
 Local Government and the Individual, \$3, page 47
 Lyric Choral Group, \$8, page 51
 Marriage and the Modern Family, \$5, page 51
 Mathematics Review, \$15, page 52
 Medical Assistants' Training Program, \$24, page 52
 Modern Distribution Problems, \$10, page 44
 Music—Evenings with Great Composers, \$7, page 53
 Nurses' Training (See page 18)
 Painters and Their Paintings (South Bend), \$4, page 53
 Painters and Their Paintings (Elkhart), \$4, page 54
 Personnel Management, \$15, page 54
 Photography for the Amateur (Color), \$5, page 55
 Photography—Applied, \$15, page 55
 Psychoanalysis, Introduction to, \$6, page 56
 Public Relations, \$7, page 57
 Psychiatry for the Medical Practitioner, \$6, page 56
 Poetry, Contemporary, \$6, page 56
 Radiation Biology, \$6, page 57
 Real Estate—Appraisal, \$25, page 58
 Religions of Mankind, \$6, page 59
 Retirement, You and Your, \$6, page 59
 Russian—Easy Conversation and Reading, \$10, page 60
 Russian—(Continuing), \$10, page 60
 School-Community Series (South Bend), \$2, page 60
 School-Community Series (Knox), \$2, page 60
 School-Community Series (Plymouth), \$2, page 61
 School-Community Series (La Porte), \$2, page 61
 School-Community Series (Warsaw), \$2, page 61
 School-Community Series (Rochester), \$1, page 61
 Secretarial Training: Part II, \$24, page 62

Indiana University Center

Noncredit Courses

1. Registration by mail can be accepted only for the courses listed on this page.
2. A check or money order for the 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 page 79, 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 these courses will be found on pages 40 to 67.

Many adults regularly take University credit courses listed in this *Bulletin*, pages 19 to 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

Self-Understanding, \$4, page 62
 Shorthand Review, \$21, page 63
 Social Services to the Individual, \$10, page 63
 Speed Reading, Section 1, \$15, page 63
 Speed Reading, Section 2, \$15, page 64
 Stock Exchange Securities, \$30, page 64
 Taxes: State Gross Income and Others, \$6, page 64
 Traffic Management—Fundamentals, \$34, page 65
 Vocabulary Building, \$6, page 66
 Vocational Counseling for Adults, \$20, page 66

Indiana University
South Bend-Mishawaka Center

Learning Is a Lifelong Pleasure

REGISTRATION APPLICATION

To be used only for the Adult Education Series

Name

Address Street

PLEASE GIVE ALL INFORMATION REQUESTED

..... City

..... Phone

Occupation

High School attended

College attended, if any

Name of Adult Education Class Fee

.....

.....

.....

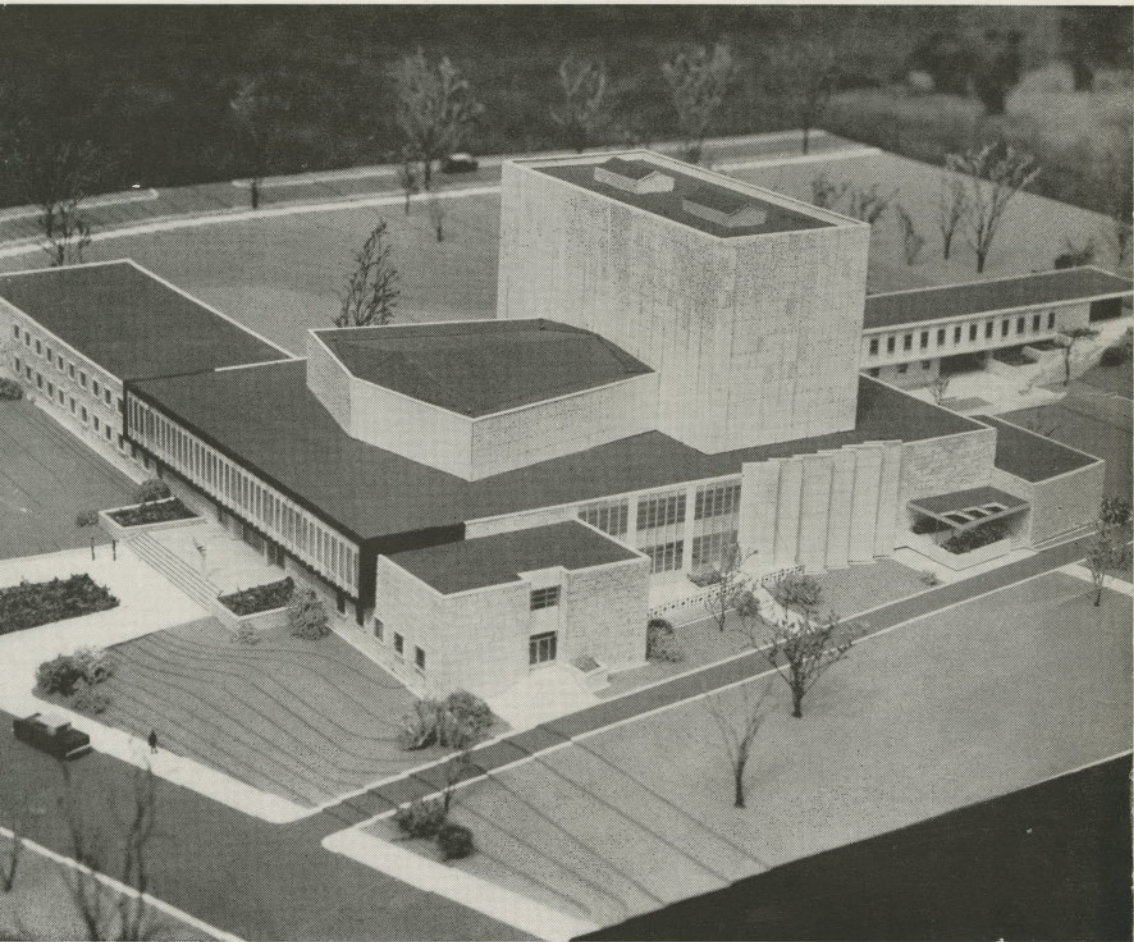
Check enclosed Money order enclosed

No Credit Registrations Will Be Accepted By Mail

Registration by mail will 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

For information concerning credit or noncredit programs, telephone CE 3-1137 or call at the University Center Office.



The architect's model of the proposed Indiana University Center