

1-1-1968

Interim Projects for 1968

Wofford College. Committee on the Interim

Follow this and additional works at: <http://digitalcommons.wofford.edu/collegebooks>

Recommended Citation

Wofford College. Committee on the Interim, "Interim Projects for 1968" (1968). *College Books*. Book 1.
<http://digitalcommons.wofford.edu/collegebooks/1>

This Book is brought to you for free and open access by the College Archives at Digital Commons @ Wofford. It has been accepted for inclusion in College Books by an authorized administrator of Digital Commons @ Wofford. For more information, please contact stonerp@wofford.edu.

INTERIM PROJECTS FOR JANUARY 1968

Project
No.

Title and Description

BIOLOGY

1 Apes, Angels, and Victorians

An introduction to evidences and theories of evolution, and "the study of two great minds...around whom the intellectual holocaust of the nineteenth century revolved." Readings, discussions, lectures.

Prerequisite: None

Cost: \$10.00

2 Civilization and Disease

A study of the evolution of man's conception of disease and various effects disease has had on human institutions.

Prerequisite: None

Cost: None

3 Theory and Techniques of Microbiology

Laboratory and lecture course in microbiology. Lecture will emphasize pertinent theory while laboratory work will involve application of techniques used in the study of micro-organisms.

Prerequisite: Upperclass Biology
majors, pre-med,
pre-dent.

Cost: None

Project

No. Title and Description

CHEMISTRY

4 Special Topics in Organic Chemistry

An investigation of certain aspects of organic chemistry which are not presented in the introductory course. Designed for both group and individual participation, the project will consist of three closely related aspects: (1) Seminar-discussion groups, (2) Problem solving, (3) Individual projects. Emphasis will be upon modern physical organic chemistry, reaction mechanisms, structure determinations, etc.

Prerequisite: Chem. 51-52

Cost: \$15.00

5 Research in Organic Chemistry

Guided original research in the field of organic reaction mechanisms and kinetics. Literature search and laboratory work leading to a solution of the problem and preparation of a written report.

Prerequisite: Chem. 51-52

Cost: None

6 Research in Electrochemistry

Literature survey, planning research, conducting research and preparation of report. Research may be in either (a) transference numbers, (b) micro coulometry, (c) investigation of new ion couples for "dead-stop" equivalence points.

Prerequisite: Chem. 151-152

Cost: \$10.00

7 Basic Electronics for Chemistry

Elementary electrical circuits, vacuum tubes, transistors, electrical measuring devices, vacuum tube voltmeters, power supplies, etc., as needed for chemical measurements. Building or assembling an electronic device(s) for chemical measurements.

Prerequisite: Physics 21-22

Cost: \$15.00

8 It All Began With Copernicus

This Interim project will investigate some of the great ideas in science. The impact of these ideas on western thought, history, and philosophy will be considered. Participants will meet in seminar to present and discuss papers based on library research and study.

Prerequisite: None

Cost: \$13.00

Project
No.

Title and Description

9

Research in Coordination Chemistry

Full time will be devoted to library and laboratory research in consultation with the instructor. The student will determine the history and current status of efforts in a particular area of synthetic interest and will proceed from that point with a limited synthetic problem. He will submit a final report.

Prerequisite: Chem. 162

Cost: None

10

Elementary Analytical Chemistry

Laboratory and lecture course in quantitative and qualitative analysis. Lecture will emphasize pertinent chemistry while laboratory work will involve application of chemical theory to analysis.

Prerequisite: Chem. 1, 21, or 23

Cost: \$5.00

11

Solvent Extraction and Trace Determination of Metals

Laboratory research with the instructor in the area of solvent extraction and colorimetric (or atomic absorption spectrophotometric) determination of trace quantities of elements. Work will center on the evaluation of a novel organic solvent as an extractant for chelate system.

Prerequisite: Chem. 52

Cost: \$5.00

ECONOMICS

12

Modern Capitalism and Its Foes

This will be an Interim course for students who have not taken previous courses in economics and will be open to Freshmen. The student will be exposed to the characteristics, objectives, institutions, and methodology of modern American capitalism and will compare and contrast this data with that of selected Communist countries (Russia, Red China). This will be a nontheoretical approach and will require a research paper.

Prerequisite: None

Cost: \$4.00

<u>Project No.</u>	<u>Title and Description</u>
13	<u>Federal Personal Income Taxation</u> <p>This Interim project will involve the student in all phases of the Federal Personal Income tax law. Students will develop all of the key taxation concepts of Income, Exclusions, Exemptions, Deductions, and Computation. The class will revolve around the case method and each student will be expected to develop a sound understanding and mechanical use of the income tax law.</p> <p>Prerequisite: None Cost: \$6.00</p>
14	<u>Business Forecasting</u> <p>This project will develop the methods and techniques used by modern American industry in making economic and business forecasts. Students will need a background in either statistics or math. Students will make a study and forecast for the industry or firm of their choice.</p> <p>Prerequisite: Background in statistics or math. Cost: None</p>
15	<u>Investment Analysis -- Portfolio</u> <p>Students will become involved in a concentrated study of the various aspects of private investments--stocks, bonds, mutual funds, and other institutional opportunities. Some knowledge of accounting terminology and business finance would be essential. Students will be expected to develop a portfolio investment to fit a particular investment need.</p> <p>Prerequisite: Knowledge of accounting and business finance. Cost: \$6.00</p>
16	<u>An Inter-Disciplinary Study Of Advertising</u> <p>The project will acquaint the student with the origins and development of advertising in America through readings and seminar discussion. Students will engage in special study in which they discover the economics, psychology, and mechanics of the development of advertising.</p> <p>Prerequisite: None Cost: \$4.00</p>

Project
No.

Title and Description

ENGLISH

17 Advanced Composition

Directed experience in various kinds of expository writing, with some attention to creative writing. There will be a daily writing laboratory and frequent discussions of semantics, rhetoric, and other topics related to writing skills.

Prerequisite: Eng. 1

Cost: None

18 Southern Culture: A Seminar

A study of the mind of the South, past and present, primarily through its literature, to discover the uniqueness of the South as a geographical and cultural entity.

Prerequisite: None

Cost: None

19 Theatre Workshop

Daily meetings at which time students will explore the creative possibilities of acting, directing and staging plays selected from a variety of types and periods.

Prerequisite: None

Cost: \$5.00

20 Modern Man and Four of His Arts

A project open to students from all four classes and all areas of concentration who would like to spend their Interim in a non-departmental, non-professorial consideration of twentieth-century man's view of himself and his world as it is expressed in his literature, music, art, and architecture. Students registering for this project are not to expect any structuring of their individual explorations beyond those which define the nature of the project: i. e., (1) that the four arts are to be considered together from the start; and (2) that the method is to be inductive primarily: that is, based on personal reading, listening, and looking, rather than upon lectures, texts, etc. No papers, no examinations. Discussions.

Prerequisite: None

Cost: \$20.00

Project
No.

Title and Description

21 Dialects in Spartanburg County

After some classroom work in the basic techniques of field linguistics, students and instructor will plan study and then spend about two weeks tape-recording data in selected communities. Course will conclude with transcription and analysis of collected material.

Prerequisite: None

Cost: \$5.00

EDUCATION

22 Supervised Practice Teaching

Supervised practice teaching in area schools.

Prerequisite: Seniors only
Ed. 54, 105

Cost: None

FOREIGN LANGUAGES

23 Study Tour of Switzerland

Two weeks' study on campus. Two weeks' travel in Switzerland.

Prerequisite: 1 yr. of French
or German

Cost: \$710.00

24 The Principal Dramas of Moliere (French)

A study of the elements of style and technique. Analysis, social and historical background. Lectures, discussions, reports.

Prerequisite: French 51-52 or equiv.

Cost: None

25 Intensive Language Practice (French)

Emphasis on rapid reading, with oral and written work. Use of language laboratory, class exercises and reading reports.

Prerequisite: French 51 or equiv.

Cost: None

26 Russian Classical Literature (Russian)

Readings in Russian of the works of classical writers. Lectures, discussions, term paper.

Prerequisite: Russian 1-2 or equiv.

Cost: None

Title and Description

27

Elementary Greek

The course will have for its objective a useful and usable elementary grasp of the fundamentals of Greek, making possible some reading of easy Greek texts, independent continuation of the subject for attainment of higher level and a general cultural (and modest) acquaintance with classicism from experience in the original language.

Prerequisite: None

Cost: \$6.00

GEOLOGY

28

Observations on Peri-Glacial Phenomena in Blue Ridge Mountains

This is a field study to determine the presence of geologic features that may have been formed by glacial processes in North Carolina during the pleistocene.

Prerequisite: None

Cost: \$25.00

29

Study of Role of Strath Development During Erosion of Blue Ridge Mountains

A field study to determine the mechanics by which the Blue Ridge Mountains have been reduced to their present glorious ignominy.

Prerequisite: None

Cost: \$25.00

30

Geologic Aspects of Archaic Soapstone and Iron Industry in Piedmont

A field study of colonial iron industry combined with a similar study of Indian soapstone localities.

Prerequisite: None

Cost: \$25.00

GOVERNMENT

31

Political Dynamics

An intensive study involving lectures and team research of the role of pressure groups and "lobbies," the nature, measurement, and manipulation of public opinion, and the analysis of propaganda in relation to the over-all effect of United States government. In addition to introducing students to governmental materials and methods, this interim is designed to emphasize citizen participation in government.

Prerequisite: None

Cost: None

Project
No.

Title and Description

32 Problems of International Relations

An intensive study of the theoretical framework of international relations and a depth examination of certain phases of foreign policy decision-making process actually at work within the United Nations organization and the United States government. Designed to give the student a rare opportunity for personal survey and dynamic research.

Prerequisite: None

Cost: \$200.00

HISTORY

33 South Carolina: An Orbiting Seminar

A study of South Carolina history and culture conducted both on campus and on bus tours (on road 20 days) to points of historical interest in the state, from the Blue Ridge to the Atlantic.

Prerequisite: None

Approximately
*Cost: \$110.00 (bus and motel); cost of about 40 meals

*Efforts are being made (as of September 8) to locate scholarship funds.

34 Great Decisions, 1968

Quotations of Chairman Mao, Vietnam, Le Grand Charles and European Unity, Emerging Africa, Population Explosion. An attempt to analyze several such basic issues of international concern in 1968. The analysis will be based on background data, reading of newspapers and periodicals, and a study of viewpoints of individual speakers who will be brought in for that purpose. The project will consist of reading and reports from the participants, in addition to lectures from the instructor and outside speakers. Discussion by the participants will be of primary importance.

Prerequisite: None

Cost: None

35 The Industrial Revolution

An in-depth study of the historical background and influence of the Industrial Revolution from the 18th century to the present, with special emphasis on its development in Britain. In addition to an examination of the nature of the revolution, a study will be made of its relationship to such historical phenomena as imperialism, modern democracy, capitalism, Chartism, the trade union movement, Marxism, socialist parties, demographic changes, and current economic and social problems, including those of the city.

Prerequisite: History 1

Cost: \$10.00

Project
No.

Title and Description

36

From Booker T to Malcolm X: The Problem of the Alienated American

Operating as a seminar, the project will consist of a series of only six lectures surveying American Negro history from the Thirteenth Amendment in 1865 to the Detroit riot of 1967. Each student will be responsible for discussions and a seminar report based upon research into some microscopic aspect of the subject. Suggested areas of investigation include: the literature of James Baldwin; Claude Brown as a ghetto intellectual; New Orleans jazz as a medium of Negro expression; the philosophy and prophecy of W. E. B. DuBois; the Negro as seen by Ebony and The Crisis; the Negro as reflected in high-school text books; Martin Luther King, Jr., and the concept of nonviolence; the contrasting views of W. E. B. DuBois and Booker T. Washington; Malcolm X and the Negro separatist movement; Booker T. Washington as an "Uncle Tom" symbol; the Negro and the Supreme Court; the Negro in sports; or any one of a myriad of other topics.

Prerequisite: None

Cost: None

MATHEMATICS

37

Studies in Logical Inference

An introduction to symbolic logic - an analysis of statements, their negation, converses, and contrapositives. This knowledge of logic will be used to develop the limit idea as applied to sequences and functions.

Prerequisite: None

Cost: \$5.00

38

The Foundations of Mathematics and Science

Selected writings of famous mathematicians and scientists will be studied in an attempt to understand the nature of mathematics and science, the methods used by each, and the criteria for truth in these two areas. The methods of mathematical and scientific inquiry, not the subject matter of these two disciplines, forms the content of this project.

Prerequisite: None

Cost: Not to exceed
\$ 15.00

<u>Project No.</u>	<u>Title and Description</u>
39	<u>Studies in Logical Inference</u> <p>Includes sufficient introduction to logic and set theory to enable the student to reason accurately and to communicate in the language of mathematics. This is followed by the study of some abstract mathematical systems.</p> <p>Prerequisite: None Cost: \$8.00</p>
40	<u>History of Cosmology and Cosmogony</u> <p>The history of astronomy and the work of astronomers in their attempts to explain the origin and structure of the solar system and the universe offers an especially fascinating view of intellectual endeavor over a period of 4000 years. The student will explore this field through the wide selection of books and periodicals available, personal observation of the sky, visits to the planetarium; and, if he cares to spend a little money, through a visit to Moorehead Planetarium and the small observatory thirty miles from Wofford. He will be expected to sum up the results of his investigations in a paper.</p> <p>Prerequisite: Upperclass rank Cost: \$10.00</p>
41	<u>Exploring Projective Geometry</u> <p>Work will consist of discussion meetings, library research, and figure drawing, as well as consideration of the basic theories of projection. Special attention will be given to the relation of this field to other modern geometries, to perspective in general, and to art in particular.</p> <p>Prerequisite: None Cost: \$4.00</p>
42	<u>Studies in Modern Algebra and Analysis</u> <p>Independent study to be arranged with interested students.</p> <p>Prerequisite: Prior arrangement with instructor Cost: \$4.00</p>
43	<u>Independent Study Course</u> (Analytic Inequalities) <p>A study of inequalities to include the algebra of inequalities, conditional inequalities, geometric and arithmetic means, the number e, Cavalry and Minkowski inequalities.</p> <p>Prerequisite: Math majors Cost: \$4.00</p>

Project
No. _____

Title and Description

44

Independent Study Course
(The Number System)

Beginning with Peano's postulates and the natural numbers and continuing through the complex numbers, this course is a detailed and careful axiomatic development of the number system.

Prerequisite: Math Majors

Cost: \$4.00

MILITARY SCIENCE

45

Leadership Development in the US Army

The students will conduct a detailed study on methods employed in teaching, developing and refining leadership in the US Army. The program will be conducted as follows: research and discussion on the Wofford campus, study and observation of leadership training at Fort Benning, Georgia, and preparation of a written report on the Army leadership training.

Prerequisite: Advanced ROTC

Cost: None

MUSIC AND ART

46

Art

A travel-study program involving approximately fifteen (15) *selected students to go to Italy during a twenty-one (21) day period, using Florence as headquarters. Short trips to other cities will be included. A paper will be required.

Prerequisite: Art 105, or permission
of instructor

Cost: \$600.00
(approx.)

47

Music - "A Study of Arts in the Community"

After research and discussion here on campus concerning the variety of offerings available for community sponsorship, visits to cities in which active community arts programs are currently in effect (Charlotte, Winston-Salem, and Washington) will be made. During these visits the organization and administration necessary to accomplish these programs will be observed and some evaluation of the impact of the arts program on the community as a whole will be made. A research paper will be required. Enrollment limited to twenty (20) *selected students. About nine (9) days' travel would be involved.

Prerequisite: Any one of the currently
offered Music and Art
courses or permission of
the instructor

Cost: \$125.00
(approx.)

Project
No.

Title and Description

48

Art - Independent Study

A research study program involving *selected students of Oriental Art. These students would go either to Washington, D. C., Boston, Massachusetts, or Kansas City, Missouri, for the purpose of studying the fine collections of Oriental art housed in the Freer Gallery, the Fogg Museum, or the Nelson Gallery. The cost per student would depend on the quality of housing desired.

Prerequisite: Art 109

Cost: \$250.00 to
300.00

49

Music - Independent Study

Projects of interest to the student for which adequate resources are available and which in the opinion of the department chairman have sufficient academic worth to justify the study required.

Prerequisite: Permission of the
instructor

Cost: Unknown**

PHILOSOPHY

50

I-Thou and Philosophies of Protest

Current protest movements in the light of Buber's view of authentic and inauthentic selfhood. Consideration will be given to selections from the philosophical poetry of the late Jewish existentialist Martin Buber and to the literature and reports of recent and current protest movements. Each student will be responsible for discussions and a written report on some work or person connected with a protest movement or on some aspect of protest.

Prerequisite: None

Cost: \$2.00

51

Guided Individual Research

Guided individual research on one of several specified philosophical works and topics in the general areas of ethics, the philosophy of religion, and American philosophy.

Prerequisite: Permission of the
instructor

Cost: \$5.00

*Qualifications in addition to prerequisite academic requirements.

**This factor could vary according to the project undertaken.

Project
No.,

Title and Description

PHYSICS

52

Computer Uses

Lectures and conferences. Goals: to become familiar with some aspects of computer uses. To learn and apply at least one of the "languages" for programming computers. Each student will complete a major programming project of his own selection and design.

Prerequisite: None

Cost: \$15.00

53

Basic Concepts in Physics

A lecture-discussion-laboratory project designed to give the student who has some background in the physics the opportunity to expand his knowledge of the five great theories; classical mechanics, relativity, electricity, and quantum mechanics and thus obtain a unified treatment of these concepts. A laboratory research project centered around his own interests will be chosen by the student.

Prerequisite: Physics 21-22 and
Math 21-22

Cost: \$15.00

54

Nuclear Radiation Studies

Lecture-Laboratory project designed to provide the students with the opportunity to learn some of the principles and applications of nuclear radiation. Possible tour of a nuclear facility.

Prerequisite: None

Cost: \$30.00

PSYCHOLOGY

55

A Film Report of Reflexes and Developmental Sequences in Infants

A review of the literature in the developmental sequences of infants, and a film reporting of these behaviors from a local infant population integrated into an audio-visual report. Students will gain a thorough knowledge of the literature in this area and will devote time in working with infants in eliciting desired responses which will be filmed by other student members.

Prerequisite: None

Cost: None

Project
No.

Title and Description

56 Effects of Stimulant and Depressant Drugs on
Evoked Cortical Potentials

An investigation of pharmacological influences on sensory projection systems.

Prerequisite: Juniors or seniors who are science majors Cost: \$5.00

57 Modifying the Behavior of the Retarded Child

This project consists of a complete review of published research of behavioral control. The students are expected to gain extensive practical experience in experimental design and areas involving the modification of human behavior. Much of the student's time will be devoted to the actual conditioning of retarded children.

Prerequisite: None Cost: None

RELIGION

58 Ministerial Apprenticeships

An opportunity for a selected group of pre-ministerial students to become "apprenticed" to a selected group of ministers throughout the state. Students will live in the community, share in the life of the church and of its ministry, helping in a variety of tasks under a supervised program of reading and performing a time-and-work study on the nature of the Christian ministry.

Prerequisite: None Cost: \$20.00 (approx.)

59 The Nature and Function of the Church

A seminar which will focus attention on distinctive theological understandings of the nature and function of the church in historical perspective. Major attention will be given to: (1) development of the concept of the church from N. T. times to Augustine, (2) the Roman Catholic idea of the church, (3) classical Protestant views of the church, (4) the Sectarian concepts of the church, (5) denominational Protestant ideas of the church, and (6) the significance of emerging ecumenical views.

Prerequisite: Upperclass rank, or consent of instructor Cost: None

Project
No.

Title and Description

60

Seminar: History and Thought of Methodism

Seminar on the development of Methodist history and thought coupled with attempts to distinguish contemporary trends.

Prerequisite: None

Cost: \$5.00

61

Christianity and Communism

The project would deal, among other things, with the doctrines of man, the theories of society, and the philosophies of history involved in the Christian and the Marxist perspectives. The oft-ignored social and political implications of Christianity will be explored and an effort will be made to determine whether Communism has concrete religious antecedents and/or presuppositions. Seminar with discussion and research reports.

Prerequisite: None

Cost: \$12.00

62

Myth, Symbol, and Reality: The Roots of Religious Language

The project would deal analytically with the languages men have used and use today in their efforts to come to grips with reality in its ultimate dimensions. One might describe it as a course in "material" as opposed to "formal" logic inasmuch as it would involve an effort on the part of participants to determine and examine the common sense data and experiences on which abstract metaphysicians and theologians have based their judgments. The format consists of three basic steps: (1) Research, (2) Reports, and (3) Evaluation and discussion of reports.

Prerequisite: None

Cost: \$12.00

63

Supervised Reading in Selected Topics in Religion

Guided readings in a variety of topics ranging from Christian Faith and the Playboy "philosophy" to any specific topics that interest the student and for which resources are available on or near campus. The basic format of the project is individual reading and writing of regular short papers accompanied by twice-weekly conferences. The possibility of two or more students, pursuing the same or closely related topics, meeting together in proseminar style will be encouraged.

Prerequisite: None

Cost: \$10.00

Project
No.

Title and Description

Prerequisite: Geology 51-52

Cost: \$65.00
(approx.)

69

Environmental Problems and Their Relationship to
Government

Imminent human-environmental problems such as food supply, water management, and pollution of air and water will be analyzed from the standpoints of basic ecology, governmental responsibility, and ethics. Investigation by teams of students, consultation with local and regional experts, seminars, and discussion of each team's report.

Prerequisite: Juniors and Seniors.

Cost: \$4.00

70

Mexican Culture

The course will be a study of Mexican history, culture, and language. Each student will participate in an intensive one-and-one-half-week orientation period and a two-week tour in Mexico staying in the homes of Mexican families.

Prerequisite: Spanish 1

Cost: \$330.00 (does not
include
souvenirs)