An Interim Program offers high school students the opportunity to expand their outlook on education, school function, and community resources through a two-week series of courses between semesters. The courses are grouped under two headings: Interim Course Offerings (Academic and Avocational) and Career Research Laboratory Program. The mini-courses vary in length from 45 minutes to three hours, each student taking a minimum of 4 1/2 hours per day. Courses are taught by teachers, students, administrators, and community people. Remedial courses are also offered. The Career Research Laboratory Program is open to seniors who spend the two weeks working, on a one-to-one basis, with a member of an occupation of their choice. Each student is observed once a week by a staff member; participants complete a diary-type report at the end of the experience. The program development process involved teachers, students, and parents. Informal and formal evaluations indicate a secure future for the program. Two appendices explain the interim pre-registration procedures, course offerings, and registration forms. (Relevant ERIC documents and other information pertinent to the program conclude the profile.) (Author/KSM)
Profiles of Promise are descriptive brochures that highlight innovative social studies and social education practices, which teachers and administrators can easily adapt to their own classrooms or schools. Prepared jointly by the ERIC Clearinghouse for Social Studies/Social Science Education and the Social Science Education Consortium, Inc., in Boulder, Colorado, these publications are designed to provide insights into effective teaching methods in social studies.

In the context of this publication, the purpose of the Letter is to tell you how much the Interim Program meant to my son, and to thank all of you for making this educational experience possible. The letter is written by a parent of a Brandywine student who expresses gratitude for the opportunity to participate in the Interim Program, which extends beyond the traditional school year to include a two-week series of courses between semesters. These courses are designed to offer students the opportunity to expand their outlook on education, school function, and community resources.

The Interim Program at Brandywine High School in Wilmington, Delaware, provides educational experiences for students outside the usual course guides. It offers students the opportunity to experience new courses that are not available during the regular school year. Students can take courses in a variety of areas, including academic and avocational subjects, and the program is designed to encourage students to explore in depth a particular field of interest.

Courses are taught by teachers, students, administrators, and community people, and each teacher determines the length of the sessions, the optimum number of participants, and the course content. Meetings are not confined to normal school hours and conventional classrooms. Some sample course descriptions from Interim indicate the diversity of courses offered.

For example, one course focuses on the history of the Civil War, while another explores drug abuse and its implications. Other courses include taxidermy, newspaper publication, and a variety of academic and avocational subjects. The program aims to broaden students' horizons and provide them with a range of educational experiences that go beyond the classroom.
part of the 45-hour minimum. Although students are not assigned to
remedial work, the small class sizes in these areas allow students
and teachers the special benefit of working on almost a one-to-one
basis.

Courses which require special materials and equipment or a
special meeting place require a fee for participants. Skiing carries
a cost ranging from $25.00 to $35.00 to cover the use of facilities and
transportation for the two-week period. Some courses which require
special equipment and materials—like photography and cooking—carry
much smaller fees. If students want to take a course but can't afford
it, the school is usually able to waive the fee.

Although students are required to participate in Interim, the
very nature of the courses make them very popular with the student body.
The sight of a "stodgy old math teacher" rolling up her sleeves and
immersing her arm in dough during a course in French cooking can
greatly enhance the relationship of that teacher with her students.

INTERIM CAREER RESEARCH LABORATORY PROGRAM

Seniors at Brandywine are given the option during Interim of
participating in the Career Research Laboratory Program. Students
choosing this option spend the two weeks working on a one-to-one
basis, with a member of an occupation of their choice.

The purpose of the Career Research Lab is to provide students
the opportunity to:

a) Explore—through hands-on observation, experience, and
related readings—an occupation in which they are con-
sidering investing their adult lives.

b) Become familiar with as many facets of the
the socio-economic life of the community and of the industry or
facility which the student studies.

c) Begin to develop leadership qualities and habits of
responsibility, analysis, and planning.

In order to provide the Lab student with a full and realistic
view of the chosen occupation, his hours and activities coincide with
those of his sponsor. A lawyer chooses a variety of related reading
materials so that his intern will be more familiar with the cases in
which he is involved. A physician phones his intern at 2:00 a.m. so
that they can work together on an emergency case. Opportunities are
provided for interns to observe other members of the field at work or
in meetings. At the end of the two-week Lab, each participant has
been exposed to a wide range of experiences which he would encounter
as a member of his selected career.

Participants in the Career Lab Program do not receive any pay.
The value to the student is the opportunity to observe and participate
in the career of his or her choice. Also, the school does not want to
disourage or penalize sponsors by requesting payment for the students.
Lunches, parking, and transportation costs are paid by the student.

Student supervision during the Lab program is of primary con-
cern to the faculty at Brandywine. Each student is observed once
a week, on the job, by a Brandywine staff member. Career Lab parti-
cipants are required to complete a diary-type report at the end of the
first and second weeks of the experience.

John Curran, Career Coordinator, and his staff work extremely
long hours in trying to gather the range of sponsors necessary to
maintain the current success which the Lab program enjoys. In some
cases the range of careers open to student involvement extends beyond
the resources of the Wilmington community. While the majority of the
150 participating students are involved in such occupations as tax-
dekey, medicine, teaching, real estate, electronics, and communica-
tions, several students have opted for fields not available within
the community. Last year, arrangements were made for two girls to
spend their two weeks in Vermont learning about motel management.
Another girl participated in the program as a ballet dancer with a
New York City troupe. When students choose an employer away from
home, they are responsible for providing their own transportation
and for planning room and board. At the same time, the school works
very closely with parents, meeting with them individually to help
organize the experience. A constant line of communication involving
school, parent, and sponsor is maintained with each student throughout
the duration of the career Lab. Curran feels it does not matter
whether the students emerge from their career experience with a less
enthusiastic feeling toward that career; the important factor is that
each student be aware of the positive and negative attractions
of a career he or she observes.

HOW IT BEGAN

Wayne Von Stetten, Principal at Brandywine High School, has
always been intrigued by the college tradition of a time break be-
continued
Students to construct their own schedules continued

I found out some of the day-to-day problems I had with the Data Information Center for Education; "I learned so many things during the Interim experience."

I am sure Paul and I will soon be on the improvement.

These diaries indicated a wide range of activities and exposures within each career experience. There were very few cases of students relegated to menial paper work or other unenlightening chores.

Due to time us on how many bricks and how many sponsors we could lay. It was the sponsor's job to check student's record in laying bricks.

A number of courses had to be dropped because no instructor could be found. Many faculty members who became intrigued with this "bold venture." Von Stetten returned to the school after having been asked to present the various aspects of the interim program. Von Stetten was able to answer teacher questions concerning such items as grades, cost, and planning time.

The achievement of these goals is evident in many other ways also. The enrichment of the educational experiences offered to students at Brandywine, the school and the encouragement of students at Brandywine to deviate from the traditional number hours for classroom instruction. Many faculty members who became intrigued with this "bold venture." Von Stetten was able to answer teacher questions concerning such items as grades, cost, and planning time.

The organizational process took nearly four months to complete. Many faculty members who became intrigued with this "bold venture." Von Stetten returned to the school after having been asked to present the various aspects of the interim program.

DOES INTERIM SERVE A USEFUL FUNCTION? Yes, the Interim for me and everyone I've spoken to, has been a super worthwhile experience. My only regret is the fact that I'm only a senior and won't be able to take a different group of subjects next year since I want to participate in the Career Laboratory.
operation of a computer center. Another thing I learned was the difference between production and development--what a difference! For me I am convinced the Interim was a very worthwhile experience."

In addition to informal evaluations and observations, the staff also did some formal evaluation. The results indicated that more than one-half of the students had 100% attendance during the program. Seventy percent of the parents felt the program was a very exciting one. Students indicated that the highlights of the interim program were the general informality, exciting courses, unstructured time, change of pace, and college-type registration. A majority of the students participating in the Career Labs felt the tasks given to them by their sponsors were "pertinent and exciting." They also felt the most important aspect of the laboratory experience had been the opportunity for direct involvement in the career of their choice.

As a result of both the formal and informal evaluations, some changes have been made in the program. One such change will be the formation of more precise evaluation instruments. The staff determined that the informal questionnaires used in the first Interim were not sufficiently precise to measure the true merits of the program.

THE FUTURE

Von Stetten is very proud of the Interim Program developed at Brandywine. He points to the feedback of all concerned and the interest of other school districts in the Interim program as indicators of the program's value. Parental feedback on the total Interim program was extremely favorable in spite of the fact that their children had "missed" classroom instruction.

The relatively low cost of the program is another positive factor in justifying its continuance. Last year, the school board allocated $1,000 to cover the cost of additional materials. Primarily due to the success of the program, the district has budgeted $2,000 for the current Interim. Von Stetten estimates that the total cost for Interim is approximately $5,000. This money is used primarily for special materials and equipment as well as for rental and use of space outside the school. The remainder of the costs are absorbed through a student government fund and student fees.

The second Interim displayed the same increase of enthusiasm with which the community has accepted the program. In addition to the larger apportionment of funds, community members have become much more active. This year, 55 community residents served as teachers in Interim's course offerings. Their new subjects ranged from "Conversational Polish" to "The Psychology of Drug Abuse." Many former sponsors of Career Labs initiated contact with the school to inquire about the possibilities of continuing participation in Interim. Brandywine is hopeful that this trend will continue in the future, since it allows for a significant increase in the range of student experiences.

"Today was my last day; I was very sorry to see it all end. The vacation was spent washing windows after lunch. I went to the afternoon corned hospital to see the doctor and the museum for literature books. I observed the doctor examining a newborn child. I also saw her recommend a prematurely born child that had stopped breathing. Ironically, my day ended seeing that last act."

--Brandywine Career Lab student.

For more information concerning the subject of this paper, write:

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MEMORANDUM

TO: Student Body
FROM: Interim Planning Committee
DATE: December 14, 1972
SUBJECT: INTERIM PRE-REGISTRATION

The following pages contain course descriptions and other valuable information on the more than 125 courses to be offered during the forthcoming Interim Program. Students are asked to study this document carefully and to think seriously about course work that they would like to become involved in. A form will be distributed in homeroom this week, on which the student body will be asked to list first choices and alternates. The following items will serve as a guideline.

All students should plan to be involved in a minimum of 4½ hours of programming. This may be a choice of one three-hour course and one 90-minute offering, three 90-minute programs, or a combination of 45, 90, or 3-hour courses to total the required 4½ hours. Because the final master schedule has not yet been built, it is not possible for us to determine what conflicts may result from individual choices. We do know from experience, however, that a rather substantial number of such conflicts are possible. This being the case, we are asking students to choose an alternate for each of the courses selected. Since students are asked to choose at least one offering from the A courses, at least one alternate must also be included from the A courses to total the 4½ hours minimum. Our purpose in this pre-registration is to get a final check on those courses for which interest was marginal before and to determine the number of sections required for those programs having large student interest. While this pre-registration is not necessarily binding, we would ask that students give serious thought to the kinds of things which interest them for the Interim.

Final registration will be held later this month and will be handled in a college style, where students will report to a central registration center to pick up roster cards for the courses of their choice. Since there will be limited enrollment for some courses, some of these programs will "fill" and will be closed early in the registration day. Seniors will register first, followed by juniors, then sophomores, but registration will generally be on a first-come, first-served basis.

A number of significant remedial courses are being offered to students and may be elected either in addition to or as a part of the 4½-hour minimum. This is a most valuable opportunity for students at any grade level who are having academic difficulty to "catch up" on regular class work. While students will NOT be assigned to remedial work, it should be mentioned that small class sizes in these areas in particular will enable students and teachers to work on almost a one-to-one basis. Remedial classes will be offered for a 45-minute period and should be an asset to students as they look forward to the second semester. Take advantage of these programs.

Any senior interested in the Career Research Laboratory phase of the Interim is reminded that he should not register for regular course work but should fill out the Career Research Laboratory forms and turn them in to Mr. Curran.

Finally, there will undoubtedly be some courses scheduled for the evening hours. Tentative plans are for these programs to be scheduled during the period 6:30 to 9:30 p.m.; however, there will probably not be bus transportation provided for this time. Those students who sign up for courses scheduled for the evening will, of course, be excused either during the morning or afternoon sessions when they are unscheduled. There will be an opportunity to indicate a preference for night work; no student will be so assigned without his approval.
There will be two significant changes from last year in the course description booklet in addition to the some 35 new course changes. You will notice that there are courses listed in the B section which are labeled G. Because there was a great deal of overcrowding in these recreational programs held in the gym areas, and because it is our intent to open the gym for unstructured recreation during at least one period during the day, it is necessary for us to limit the number of such courses any student may elect. In order, then, for as many students as possible to become involved, no student may select more than 90 minutes' worth of G courses.

While the course description booklet does not describe the programs in Continuing Math (i.e., Algebra-Trig and Calculus), students who are involved in those courses during the regular term should so indicate on the preliminary registration form.

RMB:rm
COURSE DESCRIPTIONS

"A" Courses

A 901 Advertising  Mr. Behl - 90 minutes
A study of advertising layout with emphasis on copy, art, and illustration

A 902 Air and Water Pollution (For Science Students - Chemistry Required)  Mr. Reynard - 90 minutes (fee)
A study of air and water pollution in our area with an emphasis on laboratory work such as total dissolve solids (TDS), biochemical oxygen demand (BOD), and the determination of other pollutants. Two possible field trips

A 401 Air and Water Pollution (Non-Science Students)  Mr. Reynard - 45 minutes (fee)
A study of air and water pollution of our area with emphasis on the role of the individual to rectify the problems. Two possible field trips.

A 903 Asian Humanities  Mrs. Ridenbaugh - 90 minutes
An introductory survey of the art, music, and literature of Asia with special emphasis on India and China

A 904 The Bible  Mr. Piser - 90 minutes
A study of passages from the Old and New Testaments to emphasize the importance of the Bible as a literary and historical document

A 905 Brush-up Typing  Mr. Trexler - 90 minutes
Some previous typing required

A 906 Careers in English  Miss Fitzgerald - 90 minutes
"I'd like to major in English, but I don't know what I'd do with it after college. Do you have to be a teacher?" Sound like you? Come hear speakers, see films, tour a radio station, a newspaper plant—learn about careers as a critic, a professional writer, a journalist, in radio and TV, advertising, public relations and the like.

A 402 Career Investigations for Language Majors  Mr. Gumpert - 45 minutes

A 907 The Classical Element in English  Mr. Dannaway - 90 minutes
A short history of the English language as influenced by the Greek and Latin influx. Vocabulary building by the root cluster method. Interesting work origins and/or etymologies.

A 403 Comparative Grammar for Students of Foreign Language  Miss Bryant - 45 minutes
A comparison of English grammar with the grammar of several foreign languages to facilitate the learning of foreign languages.

A 908 Computer Knowledge (Beginning)  Mr. Reynard - 90 minutes

A 909 Contemporary Problems  Mr. Gillan - 90 minutes
A course designed to inquire into the foundations and nature of contemporary issues

Conversational Language Offerings
The following courses are offered to give a brief experience in languages which most high school students would be unable to explore.

A 404 Conversational Greek  Mrs. Sarmousakis - 45 minutes
Spoken Greek that would be useful when traveling to Greece would be presented through student participation in conversational phrases. Use will be made of records, tapes, and live instruction.
Conversational Italian  Mrs. Shivone - 90 minutes
Designed with a special eye for those who plan a trip abroad. Stress will be on pronunciation and understanding of significant words and expressions.

Conversational Japanese  Mrs. Clement - 90 minutes
Designed to familiarize students with Oriental language patterns.

Conversational Polish  Mrs. Przywara - 45 minutes (no class limit)
An introduction to the sounds of Polish, using everyday subjects for topics of conversation. This introductory course can be followed by a more intensive study second semester one hour a day, twice a week, until mid-March. From then to mid-May it can be worked into the daily schedule.

Conversational Russian  Mrs. Przywara - 45 minutes (no class limit)
A basic introduction to Russian sounds. The learning of brief conversations on everyday topics. A presentation of the written alphabet and some words which may appear in newspapers, magazines, and films. Open to non-Russian students only.

Creative Drama I  Mrs. Howes and Mrs. Price - 90 minutes
A participatory course in such areas as pantomime, improvisation, impromptu speeches, oral expression, and Reader's Theatre.

Creative Drama II  Mrs. Howes and Mrs. Price - 90 minutes
This course is for those students who have had Creative Drama I or who have had experience acting in plays. Moving from the theater games of Creative Drama I, this course involves casting, rehearsing, and staging specific scenes from two plays, as well as evaluating different interpretations of similar scenes.

Dissent in America  Mrs. Toombs and Mr. Wolstenholme - 90 minutes
An exploration of the major areas of dissent in American culture including politics, race, women's rights and pacifism with emphasis on relevant literature and music.

Elementary Probability  Miss Betz - 45 minutes
Knowledge of the mathematical theory of probability is becoming increasingly important as a tool for solving problems in the sciences, in government, in industry, in business, and in many other areas. This course will help you to understand the basic concepts of probability and is intended for those with little or no prior knowledge. You need only an adequate arithmetic background and an interest in solving problems.

Entomology  Mr. Martin - 90 minutes
This study of insects will focus on the following: (1) a discussion of characteristics of various orders with emphasis on major families within each order, (2) demonstrations and lab on the techniques of collection and preservation of specimens, and (3) seminars involving group presentation of seminar topics related to entomology.

The French in Delaware  Miss Bryant - 3 hours
For advanced French students - an examination of French customs, traditions, and landmarks found in Delaware today through research at the Eleutherian Mills Historical Library.

Group Counseling  Mr. Robinson - 90 minutes
A focus on individual adjustment to adolescent problems.

History of Existentialism  Mr. Gumpert - 90 minutes
The development of existential thought with emphasis on the influence of Jean Paul Sartre on our century. No French requirement—course conducted in English.
History Seminars  Mr. Sibley - 90 minutes

Four separate seminars, each 90-minutes in length and limited to 12-15 students will focus on a discussion of a specific work of sociological importance in today's society. Students should register for the seminar of their choice by selecting from the titles below.

A 919  No More Lies
This seminar is centered around comedian Dick Gregory's book No More Lies. It is a provocative, interesting account of what the author terms "the myths of U.S. history!"

A 920  May Man Prevail
In his book May Man Prevail, Eric Fromm makes an inquiry into the myths and realities of American Foreign Policy. With man's owning the ability to destroy the world with one push of a button, Fromm's book takes on added significance.

A 921  The First Sex
Elizabeth Gould Fowls, in her new book The First Sex, tries to prove that women's contributions have been greater than man's. The group will examine the anthropological, sociological, and historical evidence she presents.

A 922  The Vanishing Adolescent
In a time when people lose their identity, obscure it, and sometimes never develop one, it is important to stop often and search for ours. This will be the focus as we read Dr. Friedenberg's book.

A 923  Human Relationships in Dating and Marriage  Mrs. Talley - 90 minutes
A psychological approach is used to understand human relationships, specifically those factors that strengthen and weaken dyadic relationships. Communication, body language, dating, marriage, and alternatives to marriage are explored. Because the emphasis is on dyadic relationships, it is suggested that girls select a boy with whom they feel they can communicate effectively. Students wishing to register without a partner, however, are also welcome.

A 924  Impirical Philosophy  Mr. Gillen - 90 minutes
A course which will require students to read and understand the basic elements of British Impiricism, with special attention to John Locke, George Berkeley and David Hume.

A 925  Income Tax  Mr. Behl and Mr. Trexler - 90 minutes
Utilization of the 1040 form to provide students with the basic skills involved in filing individual tax returns.

A 408  Independent Study for French II Students  Miss Bryant - 45 minutes
Will provide students with one of several opportunities: (1) to work ahead in French II for those who wish to go into French IV next year; (2) to catch up, for those who have been falling behind in French II; and (3) to explore outside readings—short stories, plays, short novels, and/or poetry.

A 926  Individual Projects (Staff) - 90 minutes
An opportunity for students to select an area of interest and to develop a program of study in conjunction with the teaching staff.

A 927  Interpersonal Communications  Mr. Curtis - 90 minutes
Small-group sharing and appreciation of individual personality and values to enable participants to appreciate one's uniqueness and worth and those of the other members of the group.
A 928  Introduction to Chinese Civilization  Mr. Pro - 90 minutes
   An examination of the institutions, culture, and people that have formed the heritage of China.

A 929  An Introduction to the Lives and Works of Three Contemporary American Poets (Ted Berrigan, Kenneth Koch, John Ciardi.)  Mr. Fitzpatrick - 90 minutes
   Following the Interim course work (during February and March) those electing this program will attend a series of readings and workshops featuring the poets themselves.

A 930  Introduction to Typing  Mrs. Peasley - 90 minutes

A 931  Japan  Mr. Patten - 90 minutes
   An introduction to the cultural, political and economic aspects of both traditional and modern Japan.

A 932  Laboratory Demonstration Workshop (Physics)  Mr. Howard - 45, 90, 120 minutes
   Designed as a vehicle for individuals or small groups to pursue any or all of the following: (1) Try out new labs to test their feasibility as classroom activities (laser, speed of light, laser communication links, air table photography, etc.); (2) Repair, maintain, or modify existing physics apparatus; (3) Design and build apparatus (circuit boards, electronic kits, models); (4) Work in any area which the instructor and student can agree on a practical goal.

A 933  The Laser  Mr. Miller, Mr. Howard, OR Miss Haas - 90 minutes
   The theory of and experimentation with the laser--what it is, what it can do.

A 934  Law  Mr. Gillan, Mr. Patten, and Mr. McCloske - 90 minutes
   A lecture and discussion course with presentations by the legal profession on such topics as school, corporation, criminal, and patent law among others.

A 935  Linear Algebra  Mr. Harper - 90 minutes
   Brief review of the axioms of a mathematical field and commutative groups, elementary properties of vector spaces, vector space generators, operations with subspaces of a vector space, linear transformation as a vector space, systems of linear conditions and their association with matrices. Recommended for those students who are presently taking calculus or have completed the Elementary Analysis course.

A 936  Logic and Rhetoric  Mr. Gillan - 90 minutes
   A study of the elements of logic and formal debate with a concentration on student debates.

A 302  Marine Biology and Oceanography  Dr. Castelli - 3 hours (fee)
   A study of the composition and distribution of marine communities. The physics, chemistry, and geology of the oceans will be treated only as they affect the ecology of these associations.

A 937  The Meanings and Uses of History  Rick Eldridge - 90 minutes (limited to 30 pupils)
   A course in the relevancy of the past and the assumptions of the historian in viewing man and the world. An examination of what the study of history means and what values it upholds.

A 959  Microbiology and Environmental Problems  Staff - 90 minutes (fee)
   A study of the relationship of micro-organisms to environmental problems with emphasis on field and laboratory work. Techniques of collecting, culturing, and experimenting with micro-organisms will be employed.
A 938  A Military History of the Civil War  Mr. Thompson and Mr. Von Stetten - 90 minutes

A 939  Modern Topics in Mathematics  Mr. Jones - 90 minutes
   A study of such questions and topics as modular arithmetic, matrix algebra, rings, groups, and fields.

A 940  National Parks and Monuments  Miss Haas and Mr. Howard - 90 minutes
   Will present a survey of national parks and monuments in the United States. Intended to help the student be aware of the significant features of each park (geology, ecology, and history) in order to further his enjoyment and appreciation of the parks. Information on lodging, camping, recreation, and other park or nearby facilities included where possible.

A 941  Oral Interpretation  Mrs. Buckner - 90 minutes
   Reading aloud of literature and learning to communicate through vocal and physical suggestions the author's ideas and feelings in such a way that these ideas and feelings are experienced by the audience. The reader learns to project images through the use of his voice in such a way that the action of the literature takes place in the imagination of the audience. Interested class members may continue working with their selections in order to participate in the State Speech Festival in the spring.

A 942  Principles of Geology  Miss Haas - 90 minutes
   An examination of modern concepts concerning the nature and origin of the major features of the earth's crust and interior, with emphasis on the study of earthquakes, volcanoes, mountain building, rivers, and land and rock formation.

A 957  Oceanography II  Dr. Castelli - 90 minutes  (fee)
   A study of the flora and fauna of the Delaware and Jersey coast areas. Topic areas will be: a study of a Delaware Bay salt marsh; dune ecology at Lewes; what happened to the "eel grass" in Great Bay; can you buy a "Delaware Bay" oyster; a study of a sandy intertidal region (Indian River Inlet); what would a "deep water port" do to the Delaware Estuary. Movies, field trips, guest speakers, and discussion featured. PREREQUISITE: Oceanography I or permission of instructor.
Psychology  Mr. Robinson and District Staff - 90 minutes
An examination of the general areas of psychology including personality, motivation and learning, with special emphasis on adolescent psychology. Not open to students involved in the psychology class during the school year.

Public Speaking  Mrs. Howes - 90 minutes

Race and Races  Mrs. Scott - 90 minutes
There has long been a feeling, either directly stated or at least implied, that one can evaluate race on a scale from inferior to superior. The focus of this course will be to examine this theory by looking at man's diversity from both a biological and sociological point of view. PREREQUISITE: Successful completion of Biology.

Remedial Algebra  Mr. Likovich - 45 minutes
Remedial Bookkeeping  Mrs. Peasley - 45 minutes
Remedial Biology  Mr. Bianco - 45 minutes
Remedial Chemistry Study  Mr. Andrews - 45 minutes
Remedial English  Mr. Anderson - 45 minutes
Remedial French  Miss Bryant - 45 minutes
Remedial Alg-Geometry  Mrs. Baldwin - 45 minutes
Remedial Geometry  Mrs. Baldwin - 45 minutes
Remedial German Grammar  Mr. Dreyer - 45 minutes
Remedial Physics  Mr. Howard - 45 minutes
Remedial Spanish Grammar  Mr. Gravely and Mr. Musselman - 45 minutes
Remedial Alg-Geometry  Mrs. Baldwin - 45 minutes
Remedial Geometry  Mrs. Baldwin - 45 minutes
Remedial German Grammar  Mr. Dreyer - 45 minutes
Remedial Physics  Mr. Howard - 45 minutes
Remedial Spanish Grammar  Mr. Gravely and Mr. Musselman - 45 minutes
Research Paper Typing  Mr. Trexler - 90 minutes
Some previous typing required.

Satire  Mr. Dreyer - 90 minutes
A brief history of satire with emphasis on contemporary works. Both literary and non-literary forms—movies, magazines, television programs—will be studied.

Science of Medical Instruments  Mr. Miller - 90 minutes
The examination and use of such scientific instruments used in medicine as: EKG, electronic thermometer. What they do, how they do it.

Selected Topics in Physical Science  Miss Haas - time arranged
Individual and small group examination of such topics as nuclear science; measurement by electronics, stroboscopic, and photographic means; and circuit and solid state electronics.

Shakespeare - The Histories and Tragedies  Mr. Barto - 90 minutes
An analysis and comparison of the History and Tragedy format through an examination of two specific works: Richard II and King Lear.

Shorthand Introduction  Mrs. Peasley and Mr. Trexler - 90 minutes
An examination of the basic principles of Gregg shorthand.
A 952  Shorthand Workshop  Mrs. Peasley and Mr. Trexler - 90 minutes
  A workshop arrangement for shorthand students at any level with an opportunity
  for concentrated work in areas of student choice.

A 954  Slide Rule Operation  Mrs. Baldwin - 90 minutes
  Slide Rule operations including roots of numbers, raising numbers to powers,
  multiplication, division, trigonometric scales and log scales.

A 953  Slide Rule - Advanced Operations  Mr. Harper - 90 minutes
  This course will cover the operations with common logarithms, trigonometric
  solutions, natural logarithms, inverse scales, C & D folded scales, and multiple
  operations. It is assumed that students entering this course have had experience
  with simpler slide rule operations.

A 304  Speed Reading  Mr. Anderson, Jr. Briner, and Mrs. Hildebrand - 3 hours

A 955  Trigonometry  Mr. Likovich - 90 minutes
  Open to students who have had or are now taking Algebra II. The course
  emphasizes the basic concepts of trigonometry, the use of the right triangle,
  and solutions of simple problems.

A 423  Utopian Societies  Mr. Wyrick and Mrs. McBride - 45 minutes
  A look at utopian societies as they exist in literature, have been in the past
  and are today.

A 956  Writing Lab  Miss Fitzgerald - 90 minutes
  Bring to the lab creative "works in progress" to share with others, discuss
  techniques, get some criticism and advice, and continue writing. What about that
  half-finished story, those poems you always wanted to work on?
"B" Courses

B 301 Antiques Mrs. Selwood and Mr. Wolstenholme - 2 hours, 15 minutes
An exploration of American period furniture, glassware, pottery, pewter, copper, and brass.

B 402 Arts and Crafts (Making types of articles that would sell at a bazaar)
Mrs. Sarmousakis - 45 minutes (15 students)
Students will purchase their own handicraft kit and receive needed assistance in making it.

B 403 Aviation Mr. Ziocarelli - 45 minutes
An introduction to all aspects of aviation, from flight to ground control.
Actual flight is NOT included.

B 901 Basic Crochet Mrs. Sarmousakis and Mrs. Timm - 90 minutes (10-15 students)
Course is for absolute beginners who have no knowledge of the skill. Fundamentals of crochet will be taught and projects utilizing all basic stitches will be made. Students must provide own supplies and materials.

B 302 Billiards and Pool Mrs. Daly, Mr. Snyder - 3 hours (fee)

B 303 Bowling Mrs. Daly, Mrs. Kalpanov, and Mr. Snyder - 3 hours (fee)

B 304 Bridge Mr. Patten - 3 hours
For intermediates. Instruction will emphasize bidding conventions and playing strategies. Most of the time will be utilized in actually playing bridge.

B 902 Carpentry for Girls Mr. Mallozzi - 90 minutes
There is no reason girls can't learn how to handle the hammer and saw domain which has long been the province of boys. Practical instruction and work on individual projects will be featured.

B 903 Chess Mr. Anderson - 90 minutes

B 904 Class Voice Lessons Mr. Closson - 90 minutes
An in-depth approach to the art of singing with emphasis on individual growth and development.

B 905 Creative Needlecraft Workshop Mrs. Sarmousakis and Mrs. Timm - 90 minutes (fee)
Individualized instruction for beginning and advanced students in any area of needlecraft: crocheting, knitting, embroidering, crewel, etc.

B 404 Crewel Embroidery Mrs. Sarmousakis and Mrs. Timm - 45 minutes (15 students)
Basic stitches will be presented and a project will be made. Students must provide own supplies and materials.

B 405 Crochet Mrs. Sarmousakis and Mrs. Timm - 45 minutes (15 students)
For students who are able to hold a crochet hook and do the basic stitches but need assistance in making projects. Students must provide own supplies and materials.

B 305 Cycling Mr. Piser - 3 hours
A course designed to acquaint the student with techniques in distance cycling and in maintenance and repair of bicycles. Physical conditioning will be stressed and a day-long tour is scheduled for the second Saturday of the Interim.

B 906 Decoupage Miss Bryant - 90 minutes
Decoupage, an 18th Century art craft, consists of applying a cut out print to a desired wooden object, then applying varnish and wax. Students will be responsible for providing necessary materials.
Drafting and Blue Print Reading for the Beginner  Mr. Guth - 90 minutes
A short course open to boys and girls for the novice in drafting techniques, blueprinting and blueprint reading, including reading of house plans, electrical plans, and schematics.

Easy Cooking  Mrs. Frzywara - 90 minutes
A course designed to use recipes for sandwiches, desserts, and beverages that are "easy" to make. The emphasis will be to prepare something from something else; such as from leftovers, cake mixes, puddings, juices, etc.

Electricity-Electronics for the Homemaker  Mr. Guth - 90 minutes
A course designed for girls only with emphasis on the diagnosis and repair of small appliances, lights, radios, TV, automobile and small gasoline engines.

Electric Music  Mr. Closson - 90 minutes
An investigation into the philosophy of electronic music and student experimentation with available materials for the creation of compositions utilizing certain basic techniques.

Fly Tying  Mr. Helmbreck - 90 minutes
A course designed to teach the participant the basic rudiments and skills in the art of constructing (tying) artificial fishing flies.

Football Strategy for Boys  Mr. Bianco - 90 minutes
A "cash course" in understanding the fundamentals and the complexities of football.

Football Strategy for Girls  Mr. Bianco - 90 minutes

Fun with Words  Miss Fitzgerald - 45 minutes
Crossword puzzles, cryptograms, double crostics, anagrams, scrabble - solve problems, make up your own puzzles. Build up flexibility with words while you play.

Girl's Competitive Swimming  Mrs. Peasley and Mrs. Kalpanov - 3 hours (no fee)
For girls interested in improving swimming starts, turns, strokes, speed and endurance—or perfecting diving techniques.

Hiking  Mr. Mallozzi - 3 hours
A course designed for those who enjoy both exercise and the beauty of nature in the winter. Hikers will explore portions of both the Brandywine trail and the Horseshoe Trail in Northern New Castle County and nearby Southeastern Pennsylvania.

Historical Field Trips  Mr. Thompson - 3 hours
A series of trips organized to take advantage of such historically significant Delaware sites as Hagley Museum, Winterthur, Historic Old New Castle, and Project 400. This course meets for 45 minutes on alternate days when trips are not scheduled. Students, however, must block out the period 12:00-3:00 daily for this course.

History of Rock Music  Mr. Wolstenholme - 90 minutes
An examination of the origins and development of rock music from its inception through the Beatles. Major emphasis will be placed on trends in the music, including the rise of Elvis Presley, the Dick Clark era, the Detroit sound, California surf and car music, and the British invasion.

Ice Hockey  Mr. Reed - 90 minutes (fee)
Basic ice skating techniques are required.

Ice Skating  Mrs. Anderson - 90 minutes (fee)
Open to both beginning and advanced skaters.
Interim Concert Band  
Mr. Dolinger - 90 minutes

This band will be formed in order to study instrumental music literature not being performed by the regular concert and symphonic bands. During rehearsals conducting techniques will be studied and student conducting encouraged where there is an expressed desire.

International Cooking  
Mr. Pro/mrs. Toombs and Mrs. Anderson/miss Betz - 3 hours (fee)

A course designed as introduction to the culinary styles of selected countries, with primary attention to European cuisine.

Israeli Dancing  
Estera Gordon (173) - 90 minutes

Instruction and practice in a variety of Israeli dances.

Jazz Workshop  
Mr. Dolinger and Mr. Schiff - 90 minutes

A two-phased program, the first of which will deal with the variety of concepts prevalent in jazz. Students who are proficient enough on their instruments will be given the opportunity to perform using these concepts. The second experience will involve investigation, research and rehearsal of material available for jazz rock ensembles.

Jewelry  
Mrs. Schambach and Mr. Dablanger - 90 minutes

A program which will be concerned with the "Lost Wax Process." Rings and other forms of jewelry will be cast in silver and gold.

Junior and Senior Lifesaving  
Mr. McClary - 3 hours

A course for accomplished swimmers who wish to complete Red Cross Certification.

Macrame  
Mrs. Schambach - 90 minutes

An art form made by knotting cords in imaginative combinations using twine, rope, or yarn.

Nursery School Play Groups  
Mrs. Talley - 3 hours

Students will guide 3 and 4 year olds through play experiences designed to strengthen the social and emotional side of the preschoolers' development. Art media, outside play, and a one-to-one relationship are approaches to be used in the play groups. A core group of Child Development students is desirable; however, the course is open to anyone wanting to work with young children.

Officiating Girl's Basketball  
Miss Hastings - 90 minutes

An opportunity for studying and practicing the techniques of officiating girl's basketball. Open to both boys and girls.

Photography  
Staff - 3 hours

Students must provide cameras and film.

Pottery  
Mr. medina - 90 minutes

The slab, coil, pinch and wheel methods of pottery will be taught. Completed projects will be fired and glazed.

Puzzles and Games  
Miss Haas - 45 minutes

A recreational course using such puzzles and games as mazes, logic puzzles, manual puzzles, etc.

Recreational Math  
Mrs. Selwood - 90 minutes

An examination of existing mathematical games, puzzles, tricks, and unique problems. Development of original materials will be included.
B 930 Rugmaking  Mr. Musselman and Mrs. Ridenbaugh - 90 minutes
Each participant will complete at least one rug approximately 2½' x 4½' in size using the punch-rug method. Students will build their own frames, design their work, and complete the project. Students will be expected to provide certain supplies.

B 407 Salt Water Fishing  Mr. White - 45 minutes
Rigs, lures, techniques - bottom fishing, trolling, etc.

B 409 Show and Tell  Miss Fitzgerald - 45 minutes
Have you special poems, stories, humorous essays which you would like to share with others? There seldom seems time in any class just to read aloud and talk about writers and works you like. Each member would present several favorites to the group.

B 938 Silk Screen Printing  Mr. Gettings - 90 minutes
An introductory course which deals with the process of forcing ink through a screen to produce an image on paper or fabric. The handcut and photographic methods will be taught.

B 312 Skiing  Mr. Gettings, Mr. Kohl, Mrs. Selwood, Mr. Steele - 3 hours (fee)
A course designed to provide an opportunity for instruction and practice at all ability levels, from beginner through expert. NOTE: Fees for this course will range from $25.00 to $35.00 for the two-week period.

B 932 Social Dancing  Miss Hastings - 90 minutes
Learn the "new steps" - Cha-Cha, Rhumba, Tango, etc.

B 933 Stagecraft  Mrs. Price - 90 minutes
This course is designed to give students some theory and practice in the art of scene design and set construction. A unit on lighting will also be included.

B 410 Student Travel  Mr. McClary - 45 minutes
A "how to do it" course which will aid students in planning trips abroad. Emphasis will be obtaining proper documents, securing inexpensive round-trip charter flights, and choosing where to go and what to see.

G 401 The Art of Hitting a Baseball  Mr. Andrews - 45 minutes
Baseball, softball, slow pitch, Babe Ruth leagues—anyone who wishes to be proficient must learn the basics of hitting. Taught by a former coach and proponent of the Ted Williams system.

G 901 Badminton  Mr. Dreyer - 90 minutes
G 902 Golf (Beginning)  Mr. Dannaway and Mr. Jones - 90 minutes
G 903 Golf (Advanced)  Mr. Dannaway and Mr. Jones - 90 minutes
G 904  Gymnastics  Mr. Hirst - 90 minutes
Open to both boys and girls.

G 905  Handball  Mr. Dreyer - 90 minutes

G 906  An Introduction to Yoga and Health Food  Mrs. Garmatz - 90 minutes
An emphasis on the physical aspects of Yoga with appropriate exercises.

G 907  Karate  Staff - 90 minutes

G 402  Self-Defense (Beginning)  Mr. Helmbreck - 45 minutes
A course open to both boys and girls-stressing principles of judo, karate, and aikido.

G 403  Self-Defense (Advanced)  Mr. Helmbreck - 45 minutes
Designed only for those students who took self-defense last year.

G 908  Slimnastics  Mrs. Schambach - 90 minutes
A study and practical employment of the art of safe and effective weight loss and muscle tone through exercise and diet.

G 909  Team Handball  Mr. Reed - 90 minutes
One of the lesser-known but highly competitive Olympic sports, combining the skills of basketball and soccer.

G 910  Trampoline (Beginning)  Mr. Hirst - 90 minutes

G 911  Trampoline (Advanced)  Mr. Hirst - 90 minutes

G 912  Volleyball  Mr. Gravely, Mr. Reed - 3 hours

G 404  Weightlifting  Mr. Ziccarelli and Mr. Martin - 45 minutes
BRANDYWINE HIGH SCHOOL

Pre-Registration Form

1972-73 Interim Program
(January 22 through February 2)

NAME _____________________________________________ HOMEROOM _________

COURSE SELECTIONS:

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(Note: At least one course must be from group A; courses must total a minimum of 4 credits; but no student may select "G" courses totaling more than 90 minutes.)

ALTERNATE SELECTIONS:

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(Note: At least one course must be from group A; courses must total a minimum of 4 1/2 credits; but no student may select "G" courses totaling more than 90 minutes.)
MEMORANDUM

TO: Student Body
FROM: Interim Planning Committee
DATE: October 29, 1971

SUBJECT: INTERIM PRE-REGISTRATION

The following pages contain course descriptions and other valuable information on the 139 courses to be offered during the forthcoming Interim Program. Students are asked to study this document carefully and to think seriously about course work that they would like to become involved in. A form will be distributed in homeroom on Monday on which the student body will be asked to list first choices and alternates. The following items will serve as a guideline.

All students should plan to be involved in a minimum of 4 1/2 hours of programming. This may be a choice of one three-hour course and one 90-minute offering, three ninety-minute programs, or a combination of 90, 90, or 3-hour courses to total the required 4 1/2 hours. Because the final master schedule has not yet been built, it is not possible for us to determine what conflicts may result from individual choices. We do know from experience, however, that a rather substantial number of such conflicts are possible. This being the case, we are asking students to choose an alternate for each of the courses selected. Since students are asked to choose at least one offering from the A courses, at least one alternate must also be included from the A courses to total the 4 1/2 hour minimum. Our purpose in this pre-registration is to get a final check on those courses for which interest was marginal before and to determine the number of sections required for those programs having large student interest. While this pre-registration is not necessarily binding, we would ask that students give serious thought to the kinds of things which interest them for the Interim.

Final registration will be held in December and will be handled in a college style where students will report to a central registration center to pick up roster cards for the courses of their choice. Since there will be limited enrollment for some courses, some of these programs will "fill" and will be closed early in the registration day. Seniors will register first, followed by juniors, then sophomores, but registration will generally be on a first-come, first-served basis.

A number of significant remedial courses are being offered to students and may be elected either in addition to or as a part of the 4 1/2-hour minimum. This is a most valuable opportunity for students at any grade level who are having academic difficulty to "catch up" on regular class work. While students will NOT be assigned to remedial work, it should be mentioned that small class sizes in these areas in particular will enable students and teachers to work on almost a one-to-one basis. Remedial classes will be offered for a 45-minute period and should be an asset to students as they look forward to the second semester. Take advantage of these programs.

Any senior interested in the Career Research Laboratory phase of the Interim is reminded that he should not register for regular course work but should fill out the Career Research Laboratory portion of the pre-registration form on Monday.

Finally, there will undoubtedly be some courses scheduled for the evening hours. Tentative plans are for these programs to be scheduled during the period 6:30 to 9:30 P.M.; however, there will probably not be bus transportation provided for this time. Those students who sign up for courses scheduled for the evening will, of course, be excused either during the morning or afternoon sessions when they are unscheduled. There will be an opportunity to indicate a preference for night work; no student will be so assigned without his approval.
COURSE DESCRIPTIONS

"A" Courses

A 931 Advertising  Mr. Behl - 90 minutes
   A study of advertising layout with emphasis on copy, art, and illustration

A 920 Analytic Geometry  Mrs. Baldwin - 90 minutes
   A bridge between algebraic and geometric skills with an emphasis on the conics

A 904 Asian Humanities  Mrs. Ott - 90 minutes
   An introductory survey of the art, music, and literature of Asia with special emphasis on India and China

A 408 Basic Math for Science  Mrs. Nickerson - 45 minutes
   A review of basic mathematical operations, slide rule, scientific notation, graphing, logarithms, and percentages

A 929 The Bible  Mr. Piser - 90 minutes
   A study of passages from the Old and New Testaments to emphasize the importance of the Bible as a literary and historical document

A 914 Brush-up Typing  Mr. Trexler - 90 minutes
   Some previous typing required

A 410 Career Investigations for Language Majors - Mr. Gumpert - 45 minutes

A 924 Chamber Singers  Mr. Closson - 90 minutes
   Some prior choral experience required - folk songs, madrigals and choral music for small vocal ensembles

A 921 College Board Review Math  Mr. Reed - 90 minutes

A 918 Computer Knowledge (Beginning)  Miss Betz and Mrs. Cook - 90 minutes

A 902 Computer Knowledge (Advanced)  Mrs. Cook and Mr. Reynard - 90 minutes
   Math department approval required

A 907 The Consciousness III Controversy  Mr. Kohl - 90 minutes
   An examination and evaluation of Charles Reich's The Greening of America which analyzes the revolutionary impact and future of "the movement."

A 922 Creative Writing  Mrs. Howes and Mrs. Wirtschafter - 90 minutes

A 407 The Culture of Appalachia  Mr. Wyrick - 45 minutes
   A concentrated look at this unique culture through its problems, music, and literature. A preparation for a week-long study trip over Spring vacation

A 933 The Detective Story  Mr. Dreyer - 90 minutes
   A reading and study of selected detective stories with particular emphasis on plot construction and literary merit

A 936 Dissent in America  Mrs. Toombs and Udistenholme - 90 minutes
   An exploration of the major areas of dissent in American culture including politics, race, women's rights and pacifism with emphasis on relevant literature and music

A 938 Egyptian Civilization  Mrs. Ott - 90 minutes
   An introductory survey of Ancient Egyptian Civilization with an emphasis on the New Kingdom (1557-1085 B.C.)

A 304 Ethnic Problems in the Modern French-Canadian Novel  Miss Bryant - 3 hours
A 303  The French in Delaware  Miss Bryant - 3 hours
   For advanced French students - an examination of French customs, traditions, and
   landmarks found in Delaware today through research at the Eleutherian Mills
   Historical Library.

A 935  Group Counseling Mr. Robinson - 90 minutes
   A focus on individual adjustment to adolescent problems

A 305  Group Research in Chemistry Mrs. Nickerson - 3 hours (fee)
   A research project involving such studies as reaction rates, synthesis of
   a chemical compound or characterization of a chemical product.

A 937  History of Existentialism - Mr. Gumpert - 90 minutes
   The development of existential thought with emphasis on the influence of Jean
   Paul Sartre on our century. No French requirement - course will be conducted in
   English.

A 932  Income Tax Mr. Dehl - 90 minutes
   Utilization of the 1040 form to provide students with the basic skills involved
   in filing individual tax returns

A 911  Interpersonal Communications Mr. Curtis - 90 minutes
   Small-group sharing and appreciation of individual personality and values to
   enable participants to appreciate one's uniqueness and worth and those of the
   other members of the group

A 901  Introduction to Chinese Civilization Mr. Pro - 90 minutes
   An examination of the institutions, culture, and people that have formed the
   heritage of China

A 910  Introduction to Typing - Mrs. Peasley - 90 minutes

A 912  Japan Mr. Patten - 90 minutes
   An introduction to the cultural, political and economic aspects of both
   traditional and modern Japan.

A 940  Law Mr. Gillan and Mr. Patten - 90 minutes
   A lecture and discussion course with presentations by the legal profession on
   such topics as school, corporation, criminal, and patent law among others.

A 402  Library Reference Resources and Techniques Mr. Kelleher - 45 minutes

A 906  Logic and Rhetoric Mr. Gillan - 90 minutes
   A study of the elements of logic and formal debate with a concentration on
   student debates

A 308  Marine Biology and Oceanography - Mr. Bianco, Dr. Castelli, Mr. Newber -3 hrs. (fee)
   A study of the composition and distribution of marine communities. The physics,
   chemistry, and geology of the oceans will be treated only as they affect the
   ecology of those associations.

A 705  Microbiology and Environmental Problems Mr. Loynd - 90 minutes (fee)
   A study of the relationship of micro-organisms to environmental problems with
   an emphasis on field and laboratory work. Techniques of collecting, culturing, and
   experimenting with micro-organisms will be employed.

A 401  A Military History of the Civil War Mr. Gillan and Mr. Thompson 45 minutes

A 908  Modern French Theater Mrs. Garmatz - 90 minutes
   A study of French Theater after 1945 with emphasis on the works of Tonesco,
   Beckett, Genet, and Adamov
A 409  Modern Technology in Chemistry  Mrs. Nickerson - 45 minutes (fee)
A brief survey of the chemistry of such man-made products as plastics, fibers, and rocket propellants.

A 927  Modern Topics in Mathematics  Mr. Jones - 90 minutes
A study of such questions and topics as modular arithmetic, matrix algebra, rings, groups, and fields.

A 903  Mythology (Greek and Roman)  Mr. Dannaway - 90 minutes

A 943  Nursing Chemistry and Biology  Mrs. Scott - 90 minutes
An emphasis on such related topics as muscle physiology, the central nervous system, circulation of body fluids, and metabolism.

A 306  Organic Chemistry  Mrs. Nickerson - 3 hours (fee)
A brief survey of the important classes of organic compounds. Laboratory work included.

A 942  Principles of Geology  Miss Haas and Mr. Howard - 90 minutes
An examination of modern concepts concerning the nature and origin of the major features of the earth's crust and interior, with emphasis on the study of earthquake, volcanoes, mountain building, rivers, and land and rock formation.

A 904  Psychology  Mr. Robinson - 90 minutes
An examination of the general areas of psychology including personality, motivation and learning with special emphasis on adolescent psychology. Not open to students involved in the psychology class during the school year.

A 928  Public Speaking  Mrs. Kalpanov - 90 minutes

A 404  Reading Problems Laboratory  Mr. Briner - 90 minutes
A program for dealing individually with students having learning and/or reading problems.

A 926  Recreational Math  Mrs. Selwood - 90 minutes
An examination of existing mathematical games, puzzles, tricks, and unique problems. Development of original materials will be included.

A 411  Remedial Algebra  Mr. Likovich - 45 minutes

A 403  Remedial Bookkeeping  Mrs. Peasley - 45 minutes

A 405  Remedial Chemistry Study  Mr. Andrews - 45 minutes

A 412  Remedial English  Mr. Anderson - 45 minutes

A 410  Remedial Geometry  Mrs. Baldwin - 45 minutes

A 413  Remedial German Grammar  Mr. Dreyer - 45 minutes

A 416  Remedial Physics  Mr. Howard - 45 minutes

A 414  Remedial Spanish Grammar  Mr. Gravely and Mr. Masselman - 45 minutes

A 916  Research Paper Typing  Mr. Trexler - 90 minutes
Some previous typing required.

A 945  Rocks and Minerals  Miss Haas and Mr. Reynard - 90 minutes (fee)
An examination of the properties of different classes of rocks and minerals through identification of these materials in their natural setting.
A 923  Russian for Enjoyment  Mrs. Przy1ara - 90 minutes
An examination of Russian culture through music, poetry, and other literature.
Open to both Russian and non-Russian students.

A 930  Salesmanship  Mr. Behl - 90 minutes
A look at the various aspects of sales: how a sale is made, using product
knowledge, making an effective demonstration, closing the sale

A 944  Schools in Literature  Mr. Fitzpatrick - 90 minutes
An examination of 19th and 20th Century schools as seen through the eyes of
such famous novelists as Dickens, Maugham, and Salingar

A 930  Salesmanship  Mr. Behl - 90 minutes
A look at the various aspects of sales: how a sale is made, using product
knowledge, making an effective demonstration, closing the sale

A 917  Shorthand Introduction  Mrs. Peasley and Mr. Trexler - 90 minutes
An examination of the basic principles of Gregg shorthand

A 915  Shorthand Workshop  Mrs. Peasley and Mr. Trexler - 90 minutes
A workshop arrangement for shorthand students at any level with an opportunity
for concentrated work in areas of student choice

A 909  Short Story  Mrs. McClary and Mrs. Wirtschafter - 90 minutes
A course designed to enhance reading enjoyment of various types of short stories.
Individual reading preference will be handled through small group work

A 919  Slide Rule Operation  Mr. Harper - 90 minutes
Slide rule operations including roots of numbers, raising numbers to powers,
multiplication, division, trigonometric scales and log scales

A 307  Speed Reading  Mr. Anderson and Mr. Briner - 3 hours

A 302  Training of Lab Technicians  Mr. Andrews - 3 hours
An examination of the possibility of a career in the field of science through
preparation of solutions, chemicals, and equipment for laboratory work

A 913  Trigonometry  Mr. Likovich - 90 minutes
Open to students who have had or are now taking Algebra II. The course
emphasizes the basic concepts of trigonometry, the use of the right triangle, and
solutions of simple problems

A 925  Understanding Opera  Mr. Closson - 90 minutes
An examination of the inner workings of opera, its historical growth, and its
relevance to present-day theater.

A 406  The United Nations  Mr. Wyrick - 45 minutes
A focus on the daily functions and work of the U.N. in order to prepare the
Brandywine delegation to function efficiently at the Model U.N. in February
A 942 Astronomy  Miss Haas and Mr. Reynard
A general exploration of the solar system, galaxy, and the universe at an
introductory level. Trips to the observatory and telescopic observations will be
involved.

A 947 Creative Drama  Mrs. Howes - 90 minutes
A participatory course in such areas as pantomime, improvisation, impromptu
speeches, oral expression, and Reader's Theatre.

A 946 Individual Projects (Staff) 90 minutes
An opportunity for students to select an area of interest and to develop a
program of study in conjunction with the teaching staff.

A 948 Black Social Thought  Mrs. Scott - 90 minutes
This course will attempt to compare and contrast black social thinkers from the
time of W. E. B. Du Bois and Booker T. Washington to the period of Malcolm X,
Martin Luther King, Jr., Stokely Carmichael, and Whitney M. Young, Jr. Methods for
bringing about social change will be discussed as well.
Courses

B 933 Adventures into Greek Sarmousakis - 90 minutes (fee)
An examination of Greek heritage through cooking, folk dancing, music, and language

B 904 Airline Stewardess Mrs. Gregg and Mrs. Peasley - 90 minutes
An aid in career exploration through an examination of the requirements, training, and duties of air hostesses

B 914 Antiques Mrs. McClary and Mrs. Salwood - 90 minutes
An exploration of American period furniture, glassware, pottery, pewter, copper, and brass

B 917 Automotive and Small Engine Electricity Mr. Guth - 90 minutes
Troubleshooting and maintenance of automobile ignition and electrical systems and of small engines

B 403 Aviation Mr. Ziccarelli - 45 minutes
An introduction to all aspects of aviation, from flight to ground control. Actual flight is NOT included.

B 323 Badminton Mr. Dreyer and Miss Hastings - 3 hours

B 935 Basketball (Boys) Mr. Andrews, Mr. Behl, Mr. Gettings, Mr. Ziccarelli - 90 minutes

B 926 Basketball (Girls) Mrs. McClary - 90 minutes

B 308 Billiards and Pool Mrs. Daly, Mr. Reynard, Mr. Snyder, Mr. Ziccarelli - 3 hrs (fee)

B 307 Bowling Mrs. Cook, Mrs. Daly, Mrs. Kalpanov, Mr. Patten, and Mr. Snyder - 3 hours (fee)

B 311 Bridge Mr. Briner and Mr. Patten - 3 hours

B 906 Chess Mr. Anderson - 90 minutes

B 934 Creative Needlecraft Workshop Mrs. Cook and Mrs. Sarmousakis - 90 min. (fee)
Individualized instruction for beginning and advanced students in any area of needlecraft: crocheting, knitting, embroidering, crewel, etc.

B 932 Crewel Embroidery Mrs. Anderson - 90 minutes
Designed to teach the beginner the fundamental stitches necessary to produce either a traditional or modern design.

B 306 Cycling Mr. Gettings, Mr. Gillan, Mr. Piser - 3 hours
A course designed to acquaint the student with techniques in distance cycling and in maintenance and repair of bicycles. Physical conditioning will be stressed and a day-long tour is scheduled for the second Saturday of the Interim.

B 913 Decoupage and Flemishing Miss Bryant - 90 minutes
Decoupage, an 18th Century art craft, consists of applying a cut out print to a desired wooden object then applying varnish and wax; Flemishing is the art of antiquing artificial flowers and greens. Students will be responsible for providing necessary materials.

B 921 Drapery Making Mrs. Przywara - 90 minutes
A practical course in constructing draperies. Purchase of material, cutting, pinning, pinch pleating, and sewing will be stressed.

B 402 Easy Desserts Mrs. Przywara - 90 minutes (fee)
B 916  Electricity-Electronics for the Homemaker  Mr. Guth  - 90 minutes
   A course designed for girls only with emphasis on the diagnosis and repair of
   small appliances, lights, radios, TV, automobile and small gasoline engines.

B 317  Experimental Microwave Cookery  Mrs. Talley  - 3 hours (fee)
   Restricted to students who have had or who are taking one of the following
   curricular offerings: Advanced Foods, Culinary Arts, Chef's Class

B 927  Flower Making and Arrangement  Mrs. Talley  - 90 minutes

B 909  Fly Tying  Mr. Helmbreck  - 90 minutes
   A course designed to teach the participant the basic rudiments and skills in the
   art of constructing (tying) artificial fishing flies.

B 938  Football Strategy  Mr. Bianco and Mr. Modica  - 90 minutes
   A "crash course" in understanding the fundamentals and the complexities of football.

B 401  Furniture Repair and Refinishing  Mr. Mallozzi  - 45 minutes

B 304  Golf (Beginning)  Mr. Dannaway and Mr. Jones  - 3 hours

B 305  Golf (Advanced)  Mr. Dannaway and Mr. Jones  - 3 hours

B 905  Gymnastics  Mr. Hirst  - 90 minutes
   Open to both boys and girls

B 937  Handball  Mr. Robinson and Mr. Dreyer  - 90 minutes

B 319  "Hello Dolly"  Mr. Dolinger and Mr. Kowaleski  - 3 hours
   A workshop and practice session for those cast members and others working on the
   production.

B 402  High School Coaching  Mr. McClary  - 45 minutes

B 316  Historical Field Trips  Mr. Thompson  - 3 hours
   A series of trips organized to take advantage of such historically significant
   Delaware sites as Hagley Museum, Winterthur, Historic Old New Castle, and
   Project 400.

B 939  History of Rock Music  Mr. Wolstenholmes  - 90 minutes
   An examination of the origins and development of rock music from its inception
   through the Beatles. Major emphasis will be placed on trends in the music,
   including the rise of Elvis Presley, the Dick Clark era, the Detroit sound,
   California surf and car music, and the British invasion.

B 920  Ice Hockey  Mr. Reed  - 90 minutes (fee)
   Basic ice skating techniques are required.

B 930  Ice Skating  Mrs. Anderson  - 90 minutes (fee)
   Open to both beginning and advanced skaters.

B 915  Instant Crochet  Mrs. Kalpanov  - 90 minutes
   A step-by-step method for the beginner designed to enable the student to make
   scarves, hats, and skirts

B 928  Interior Design  Mrs. Talley  - 90 minutes
   A course designed to help students apply art principles in decorating a small
   apartment or a single room.
B 315  Interior House Painting  Mr. Harper - 3 hours
Practical application of the techniques of preparing walls, floors, and interior trim for paints, stains, and varnishes.

B 310  Interim Newspaper  Mr. McCloskey - 3 hours
For those interested in Journalism, an opportunity to publish a newspaper focusing on the various interim course activities. Layout, design, and good reporting and writing techniques will be stressed.

B 314  International Cooking  Mr. Pro/Mrs. Toombs and Mrs. Anderson/Miss Betz 3 hrs (fee)
A course designed as introduction to the culinary styles of selected countries, with primary attention to European cuisine.

B 931  Instant Sewing  Mrs. Anderson - 90 minutes
A focus on new techniques in sewing a garment from polyester, synthetic or wool knits. Students will provide fabrics and materials.

B 911  Jazz Workshop  Mr. Dolinger and Mr. Schiff - 90 minutes
A two-phased program, the first of which will deal with the variety of concepts prevalent in jazz. Students who are proficient enough on their instruments will be given the opportunity to perform using these concepts. The second experience will involve investigation, research and rehearsal of material available for jazz rock ensembles.

B 902  Jewelry  Mr. Brown - 90 minutes
A program which will be concerned with the "Lost Wax Process." Rings and other forms of jewelry will be cast in silver and gold.

B 912  Junior and Senior Lifesaving  Mr. McClary - 3 hours
A course for accomplished swimmers who wish to complete Red Cross certification.

B 901  Macrame  Mr. Brown - 90 minutes
An art form made by knotting cords in imaginative combinations using twine, rope, or yarn.

B 301  Photography  Mr. Gettings and Mr. Loynd - 3 hours
Students must provide cameras and film

B 925  A Pictorial Trip to France  Miss Bryant - 90 minutes
An imaginary trip to France, through slides, filmstrips, pictures, posters, travel books, etc. Each student will plan a three or four week trip to France with detailed itinerary.

B 318  Portrait Painting  Mr. Modica - 3 hours

B 929  Pottery  Mr. Modica - 90 minutes
The slab, coil, pinch and wheel methods of pottery will be taught. Completed projects will be fired and glazed

B 940  Sailing Techniques  Mr. Gumpert and Miss Hastings - 45 minutes
For the novice sailor an introduction to small boat handling with emphasis on sail boats.

B 912  Scuba Diving  Mr. Colacino, Mr. Lathrop, and Mr. Rossman - 90 minutes
A course for accomplished swimmers who have scuba equipment. Theory, practice and safety procedures will be stressed.

B 910  Self-Defense  Mr. Helmbeck - 90 minutes
A course open to both boys and girls and stressing principles of judo, karate, and aikido
B 309 Skiing  Mr. Gettings, Mr. Kohl, Mrs. Selwood, Mr. Steele - 3 hours (fee)
A course designed to provide an opportunity for instruction and practice at all ability levels, from beginner through expert. Note: Fees for this course will range from $25.00 to $35.00 for the two-week period.

B 907 Slimmastics  Mr. Curtis - 90 minutes
A study and practical employment of the art of safe and effective weight loss and muscle tone through exercise and diet.

B 324 Spanish Headstart  Mr. Hueselman - 3 hours
The class will provide tutors with materials and techniques for working with the headstart—sessions will be spent with the children at the Unitarian Church.

B 941 Square Dancing  Miss Denlinger and Mr. Snyder - 90 minutes

B 303 Stage Construction  Mr. Mallozzi - 3 hours
A program designed for those interested in set building for "Hello Dolly"

B 313 Swimming (Beginning)  Mr. McClary - 3 hours

B 918 Table Tennis (Ping Pong)  Mrs. Daly and Mrs. Wirtschafter - 90 minutes

B 908 Trampoline  Mr. Hirst - 90 minutes

B 943 TV Studio Operation  Mr. Schiff - 90 minutes
Instruction in use and operation of TV cameras, video tape recorders, and control board. For Sophomores and Juniors only.

B 942 U.S. History T.V. Tapes  Mr. Kowalewski and Mr. Schiff - 90 minutes
The construction of TV series for use in American History classes.

B 321 Volleyball  Mr. Andrews, Mr. Dreyer, Mr. Gettings, Mr. Gravely, Mr. Reed - 3 hours

B 919 Yearbook Workshop  Mrs. Wirtschafter - 90 minutes

B 903 An Introduction to Yoga and Health Food  Mrs. Garmatz - 90 minutes
An emphasis on the physical aspects of Yoga with appropriate exercises

B 923 Weightlifting  Mr. Ziccarelli - 90 minutes

B 926 Officiating Girl's Basketball  Miss Hastings - 90 minutes
An opportunity for studying and practicing the techniques of girl's basketball. Open to both boys and girls.

B 924 Student Travel  Mr. McClary - 90 minutes
A "how to do it" course which will aid students in planning trips abroad. Emphasized will be obtaining proper documents, securing inexpensive round trip charter flights, and choosing where to go and what to see.