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U N I V E R S I T Y O F A L A B A M A
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1961

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1961

UNIVERSITY OF ALABAMA

Huntsville Center

Information Bulletin

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Dear Students:

This bulletin has been prepared to furnish specific information concerning basic policies and procedures as well as general information about the Huntsville Center of the University of Alabama. We hope this booklet will be useful to prospective students and new students as well as to students now attending the University Center.

We have tried to anticipate as many of your questions as possible, but if you find there are topics omitted, please let us know about them so that they may be included in future issues. Any suggestions for improving the bulletin will be welcomed.

Policies herein stated are subject to change as general University policies change. If any statement appearing in this bulletin is in conflict with a statement in the University Catalog, the University Catalog statement will apply.

Best wishes for success in your studies.

Sincerely,

Philip M. Mason
Philip M. Mason,
Director

PART I. GENERAL INFORMATION

1. Scope of Work

The University Center at Huntsville attempts to bring to the people of the Tennessee Valley as many of the services of the University of Alabama as its resources permit.

Courses are offered leading toward various academic degrees. In fact, it is possible for an adult to take as much as three-fourths of the academic work leading to some degrees from the University by attending the Huntsville Center. Some 75 undergraduate courses are offered each quarter which are fully creditable toward degrees.

Arrangements are regularly made for students to go to the University's main campus on Saturdays for certain laboratories which cannot be provided at Huntsville at this time. Students whose goal is not a degree may earn credits and master certain disciplines which will further them in their professional advancement.

In addition to the credit program, there are extensive activities in adult education of the non-credit type. These include seminars, special short courses, conferences and workshops.

Graduate work is available at Huntsville in engineering, mathematics, and physics, through special contract arrangements with Redstone Arsenal. Under this program a student may earn as much as one-half of his degree requirements at Huntsville and complete his residence requirements in one semester at the main campus of the University. This program is now available also to non-arsenal connected employees on a space available basis.

Graduate courses are offered regularly in Huntsville by the College of Education. These courses lead to the AA Certificate for Teachers and toward the Master's Degree in Education. Twelve hours so earned are applicable to the degree and the residence requirements are reduced by one-third. Special brochures on both these graduate programs are available in Center offices.

An indication of the scope of offerings by the University in Huntsville may be seen by turning to Appendix #2, which shows a list of courses actually taught during the last twelve-month period.

2. The Faculty

The faculty at the Huntsville Center, both full-time and part-time, is a part of the regular University faculty. The faculty is composed of full-time resident faculty at Huntsville, full-time resident faculty at the main campus who commute, visiting faculty members from other institutions, and part-time faculty. The last group includes people employed in the area who make themselves available to teach at the Center. (See Appendix #1 for a list of faculty members during the last twelve months.)

3. The Student Body

More than 95% of the students enrolled at the Huntsville Center are engaged in full time employment. The average age of students at the Center is 27. Men outnumber women at the ratio of 5 to 1. During the Fall Quarter 1960-61, 1342 students were enrolled. (Appendix #5 summarizes enrollment statistics since 1949.)

4. The Building

The University Center Building, containing 56,714 square feet of space, is located on an 83-acre tract of land on University Drive in Huntsville. The City of Huntsville provided the land for the building, and the City of Huntsville, the County of Madison, and the University of Alabama each contributed \$250,000 toward the structure and its equipment. First classes were held in the Center building in January 1961. (See Appendix #4 for sketches of floor plan.)

5. Office Hours

The University Center Building opens at 9:00 a.m. daily, Monday through Saturday, and is closed after classes each evening and at twelve noon on Saturday. Offices within the building maintain hours as follows:

Registrar's Office -- 9:00 a.m. - 8:00 p.m.,
(Room 106) Monday through Thursday
9:00 a.m. - 5:00 p.m., Friday
9:00 a.m. - 12:00 noon, Saturday

Finance Office -- Same as Registrar
(Room 108)

Director's Office -- 9:00 a.m. - 6:15 p.m.,
 (Room 112) Monday through Thursday
 9:00 a.m. - 5:00 p.m., Friday
 9:00 a.m. - 12:00 noon, Saturday

Graduate Office -- 9:00 a.m. - 6:00 p.m.,
 (Room 110) Monday through Thursday
 9:00 a.m. - 5:00 p.m., Friday
 Saturday by appointment

Faculty Office -- By appointment

Library -- 5:00 - 9:00 p.m.,
 Monday through Thursday
 Persons wishing to use the library
 at other hours may request per-
 mission at the Registrar's Office.

Bookstore -- 5:15 p.m. - 8:30 p.m.,
 Monday through Thursday during
 first two weeks of each quarter
 7:30 p.m. - 8:30 p.m., Monday and
 Tuesday (after first two weeks)

6. Parking

Appendix #3 is a map of the parking areas, with designations of areas specifically for students and those exclusively for faculty and staff. Please note that entrances and exits to the parking lot are one-way. Additional parking areas will be designated in future publications.

7. Class Meetings

Most of the classes are held in the late afternoon or evening to meet the convenience of the students, most of whom are employed full time. Persons wishing classes at other hours should make their requests at the Registrar's Office.

All classes are to be met as scheduled. When, under unusual circumstances, it becomes necessary that a class not meet as scheduled, the teacher will make arrangements for the class to be held at other hours.

Regular classes are to be two hours long.

8. Class Breaks

A five-minute break is allowed after the first hour of class.

9. Location of Classrooms and Laboratories

A list of courses offered and the numbers of the rooms in which they will be taught is posted on all bulletin boards during the registration period. Appendix #4 shows the location of classrooms and laboratories in the building.

10. Smoking in the Building

By unanimous vote of the faculty it has been decided that smoking will not be permitted in the library or classrooms, except during final examinations, at which time ashtrays will be provided in the classrooms. Smoking is permitted in other parts of the building. It is requested that students dispose of cigarettes and ashes in containers provided for this purpose throughout the building.

11. Heating and Cooling

The University Center building is heated and cooled by hot and cold water circulating through pipes across which air is blown by electric motor at the radiators in each room. They are not thermostatically controlled. When a room becomes too cool during the winter, the blower should be turned on to increase the flow of heat; if too hot, the blower should be cut down or off to reduce the flow of heat. In the summer the same process is to be applied.

Generally it should not be necessary to open the windows, either summer or winter. There are no screens, and open windows will result in insects swarming in the building. When windows are opened during a class, the administration requests that they be closed at the end of the class.

12. Bulletin Boards

Students are requested to read the bulletin boards

regularly for special announcements and information which may be of value to them. Persons wishing to place notices on the bulletin boards are requested to make the notices neat and to remove them when no longer needed. If not removed within a reasonable time, they will be removed by the administration.

A special bulletin board for Graduate students is provided on a portion of the bulletin board just outside the Graduate Office.

13. Snack Bar

A snack bar is maintained in the basement of the University Center building. Vending machines for various types of food, drink, and cigarettes are provided. It is requested that empty bottles be returned to the snack bar and placed in racks provided.

PART II. ACADEMIC POLICIES

14. Academic Conduct

Rules governing academic conduct are contained in the general catalog of the University, and are strictly followed at the Huntsville Center.

15. Admissions

A. Entrance Requirements.

Generally, the entrance requirements at the Huntsville Center are the same as those on the University's main campus. Persons wishing to enroll at the Center must make application for admission at the office of the Registrar and request that official transcripts from the last college or high school attended be sent directly from the school to the Registrar, P. O. Box 860, Huntsville, Alabama. In some cases transcripts from all colleges attended must be submitted. (Forms for requesting transcripts are provided at the Registrar's Office.) When the transcripts have been received, the application and the transcripts will be forwarded to the University's Office of Admission and Records at the main campus. That office will determine whether or not, on the basis of the docu-

must also be sent directly to the Graduate Office. (Forms for requesting transcripts and references are available at the Graduate Office.) When these documents are received, the application is forwarded to the Dean of the Graduate School, who consults the dean of the college of the University concerned. The student receives direct from the University a notice of admission or rejection.

Under some conditions, students who have been admitted to the University may take courses in the graduate program for undergraduate credit without being admitted to the Graduate School. Complete information concerning this is available at the Graduate Office.

B. Graduate education and other applications are made at the office of the registrar in Room 106. Full information about these programs may be secured at the Registrar's Office.

16. Entrance Tests

Formal entrance tests prior to admission to the University are not usually required, except upon specific request of the Office of Admissions and Records. When such tests are required to determine eligibility, they may usually be taken at the University Center.

17. Placement Tests

Placement tests in English and Mathematics are required of all students beginning college work in these fields. The purpose of placement tests is to guide students into the proper beginning courses. To illustrate, in English there normally are three categories into which a beginning student might be placed. If his background in English is extremely poor, he should take a refresher course in high school English (English 03) before beginning college English. The normal beginning course is English 1, "English Composition," (or for engineers, English 41). If, however, placement test results show that a student has a superior background in English, he will be permitted to enroll in English 3 in lieu of English 1. The same practice applies in Mathematics, with Math 01, Math 9, and Math 11.

18. Registration

Registration is held at the University Center Building at times designated on the official calendar. Special course registrations are held at the first regular class meeting. Students enrolled in any quarter may register during the week of final examinations for the following quarter. All others, except in extenuating circumstances, must register during the regular registration period.

Regular registration is usually a two-day period, from 9:00 a.m. to 8:00 p.m. Late registration usually extends one week after the beginning of classes. No person is permitted to register after the official last day of registration as shown on the published calendar.

The steps to be followed in registration at the regular period are as follows:

(1) A new student or one who was not enrolled the preceding quarter fills out certain basic forms furnished and then goes to the place designated to pick up his folder which he takes to a counselor for the preparation of his schedule. A student who was enrolled the preceding quarter fills out required forms, goes directly to get his folder, and then to a counselor.

(2) After the schedule has been completed by the advisor, the forms are taken to the Registrar (or Registrar's representative) for checking, and then to the Finance Office representative for payment of fees.

A student who is in arrears in his fees should not attempt to register until he receives approval from the Finance Office.

19. Counseling

A. Pre-enrollment Counseling.

It is strongly urged that, where possible, a student secure counseling prior to enrolling for the first time. Some general counseling can be given in the Registrar's Office. Requests for appointments for counseling with members of the faculty may be made by calling the University Center office at 539-7731.

B. Counseling during Registration.

During registration a number of faculty members are available to counsel students in the selection of appropriate courses. Students with complicated or difficult problems of scheduling are urged to try to secure counseling prior to the registration period because of the large number of students to be counseled during this time.

C. Counseling for Students Enrolled

The faculty at the Center is available to counsel any student who may request assistance. Students are encouraged to request counseling about their over-all programs and for specific information about individual courses. Forms are provided in the Registrar's Office to request appointments for counseling. When an appointment is requested, it will, when possible, be confirmed by telephone to the student.

D. Counseling at the University's Main Campus

Sometimes it is best that complicated problems of academic counseling be handled by the department chairman on the University's main campus. The administrative office at the Huntsville Center will make arrangements for these appointments at the campus. Also, some appointments of this kind can be made in Huntsville when departmental representatives from the campus visit the Center.

E. Counseling Concerning Veterans' Affairs

This service is provided by the Registrar in Room 104.

F. Counseling Concerning the Matter of Dropping a Course

It is strongly recommended that a student who is considering dropping a course discuss the matter with his teacher before taking this step.

20. Minimum and Maximum Loads

There is no minimum number of courses a person must take at one time. A student who has a full-time job should not enroll for more than two courses. Exception to this can be made only with the approval of the director.

21. Change of Course

Students will be permitted to change courses for which they have registered during the regular registration period only. Requests for change should be made at the

Registrar's Office.

In the event a course or section for which a student has registered is cancelled, the student should seek counsel to determine what other appropriate courses are available to him. If he can change to another course, he should request the change at the Registrar's Office. If no other course is available, he should make arrangements at the Registrar's Office to cancel his enrollment.

22. Withdrawal from Course

A student wishing to withdraw from a course must go to the Registrar's Office and complete a request-to-withdraw form. In order to withdraw in good standing, a student must be passing at the time of withdrawal. (See Section 19.F.)

23. Grade Symbols and Meanings

Grades are indicated by letters which have values on a scale of 100 as follows:

- A -- 90 to 100 inclusive
- B -- 80 to 89 inclusive
- C -- 70 to 79 inclusive
- D -- 60 to 69 inclusive
- E -- condition
- F -- 0 to 59 inclusive
- I -- incomplete
- X -- absent from examination

The passing grade for undergraduates is D. In order, however, to qualify for graduation, a student must make as many quality points as hours of work attempted. Three quality points are given for each hour of A, two for each hour of B, and one for each hour of C. In computing the number of hours attempted, a course will be counted each time it is taken, and not merely once. A student who receives an F for a required course must repeat the course and receive a passing grade. The failure may be removed only by repeating the course at the University or at one of the Centers of the University of Alabama, if the course is offered at a Center and if the student is eligible to take work at a Center.

Students entering the University with advanced stand-

ing as transfers from other institutions, in addition to meeting the requirements as to total number of quality points, must make as many quality points as hours of work attempted at this institution.

24. Repeating a Course

The general catalog contains statements of University policy in this matter. This policy varies with the college of the University.

If a student fails a course, he may repeat it, but both grades will be recorded on his record and both grades will be included in determining a student's quality point average. A student who makes a D in a course and wishes to re-take the course to improve the grade, may do so under certain conditions, with the approval of the appropriate academic dean at the main campus. Information on procedure is available at the Registrar's Office.

The University Center will permit a student to repeat a course which he has failed at another institution. However, it shall be the student's responsibility to determine whether such credit is transferable back to the institution in which he failed the course.

25. Absence

A. From classes.

It is expected that students will attend all classes. In the event absence is necessary, a freshman student will not receive credit for the course if he misses more than 20% of his classes. A student who is a sophomore or above may not miss more than one-third of his class meetings and receive credit. A student may be requested to drop a course for habitual absence even though it may be less than the above specified percentages.

B. From examinations.

A student who misses a final examination may, upon payment of a deferred examination fee, be permitted to take the examination. It is the student's responsibility to take the examination, and unless such late examination is taken before the end of the succeeding quarter, his grade will automatically be recorded as F.

26. Audit

A student who wishes to register to audit a course must be admitted to the University in the same manner as a student enrolling for credit. An auditor is not required to attend class, nor is he given a grade. Students who are registered for credit may not change to audit after the close of the registration period, except upon approval of the Director.

27. Honors

Students who maintain superior averages at the Huntsville Center are placed on the honor roll which is prepared each quarter. Honors are determined on the basis of the last twelve semester hours of credit work. A student wishing the University Center to write to his employer concerning superior scholastic achievement should request that this be done at the Director's Office, Room 112.

28. Probation and Suspension

A student who does not maintain a satisfactory scholastic average will be placed on probation, and if averages continue low, the student will be suspended from the Center. Regulations concerning probation and suspension are contained in the University catalog.

A student who is on probation from the University's main campus will be permitted to enroll at the University Center. However, such student must maintain at least one quality point above the number of semester hours taken while he is at the Center; this would apply whether he takes one course or more in any quarter. The student remains on probation until sufficient quality points have been earned to justify his removal from probation.

29. Issuance of Transcripts

The Huntsville Center does not issue transcripts to students or to other institutions. Students desiring transcripts to be sent to other schools may ask the Registrar at the Huntsville Center to request the Office of Admissions and Records at the University to send such

transcripts. There is no charge for the first transcript issued by the University, but a fee is charged for each subsequent transcript. Official transcripts are not issued to students.

30. Major and Minor

A student in the College of Arts & Sciences who has earned a total of 45 semester hours credit at the Center or elsewhere, and who plans to go to the University to complete requirements for a degree, should request counseling concerning major and minor subjects to be taken at the Center and on the campus. Information concerning this service at the University Center may be secured at the Registrar's Office.

31. Transfers to the Main Campus

A student who has been admitted to the University to attend the Huntsville Center will not automatically be permitted to enroll at the University's main campus. A student who has attended the Center and who wishes to enroll at the main campus should write to the Office of Admissions and Records, P. O. Box 1221, University, Alabama, and request application forms for campus attendance. All academic records of the students who take work at the Huntsville Center are on file at the University Office of Admissions and Records.

32. Residence Requirements at the University's Main Campus

Statements concerning minimum residence requirements on the campus are described in detail in the University catalog. Briefly, the minimum times are as follows:

Arts & Sciences --	2 semesters, including last semester, and a minimum of 32 hours of work.
Chemistry --	2 semesters, including last semester, and a minimum of 32 hours of work.
Commerce and Business Administration --	64 hours of work (one Half the total required for graduation)
Education --	64 hours of work.
Engineering --	2 semesters, including last

	semester, and a minimum of 32
	hours of work.
Home Economics --	64 hours of work.
Nursing --	2 semesters, including last
	semester, and a minimum of 32
	hours of work.

33. Fees

A. Purpose

The purpose of fees charged at the Huntsville Center is to help defray the cost of instruction and administrative expense incurred by the University in the operation of the Center.

B. Amounts and types

The amounts of the various fees are determined by the University on the bases of costs and vary with the amount of work the student takes at any one time. The fee to audit a course is the same as that charged a student enrolled for credit.

There is a registration fee each quarter, a course fee -- depending upon the number of semester hours a student schedules -- and there are laboratory fees. Some special courses require a higher semester-hour rate than others, and all graduate course fees are higher than undergraduate. In addition, fees are assessed for change of course, deferred examination, deferred payment, late registration, and in other cases.

C. Time of Payment

All fees are due at the time of registration. Arrangements may be made for deferring two-thirds of the course fees, the balance to be paid at designated times during the quarter.

D. Place for Payment

Fees are payable at the Finance Office, Room 108. This office is open during hours listed in Section 5.

34. Financial Assistance

A large number of students at the Huntsville Center receive assistance with their fees from their employers. Some companies and agencies pay the University Center direct for a portion of the cost, and others reimburse

the student upon satisfactory completion of courses. It is suggested that individual students consult their employers to determine whether or not assistance is available from their organizations.

On occasion special financial help is available to students from certain organized community groups and from individuals. Pamphlets on student aid for students who wish to attend the main campus are available in the Registrar's Office.

35. Refunds

In the event a course is cancelled and a student is unable to change to another course, all fees which he has paid to enroll in the course will be refunded.

A student who withdraws from a course during the first week of the official quarter will be charged 25% of the total course and laboratory fees; between the first and second week 50%; between the third and fourth week 75%. Students withdrawing during the fourth week or thereafter must have paid their fees in full.

Generally it takes about ten days for a student to receive a refund check, as these are disbursed from the University's main campus.

List of Faculty Members teaching
during the year of 1960-61

NAME	SUBJECT TAUGHT
Adams, Dr. Ernst W.	GES 222
Ainsworth, Dr. Oscar R.	Mathematics
Alford, Dr. William L.	Physics
Andrew, Mr. James R.	Mathematics
Anderson, Mrs. Kathleen C.	Mathematics
Anderson, Mr. Richard C.	English
Au, Mr. Robert	Mechanics
Baker, Mr. Clyde D.	Mathematics
Bartee, Mr. Edwin M.	Industrial Engineering
Bauer, Mr. Helmut F.	Mathematics
Beckert, Dr. Heinrich	Russian
Bess, Dr. Bartley E., Jr.	Psychology
Bonfield, Mr. Thomas P.	Mathematics
Bradshaw, Mr. Charles L.	Mathematics
Braswell, Mr. Govert N.	Industrial Engineering
Burgett, Mr. Lewis B.	Mechanics
Burns, Mr. John V.	Economics
Chasteen, Mr. Paul C.	Electronic Data Processing
Chynoweth, Mr. Robert J.	Physics
Cocke, Mr. William	English
Conover, Mr. John R.	English
Dearman, Mr. C.C., Jr.	Mathematics
DeFries, Mr. P. J.	Electrical Engineering
Denholm, Mr. Donald	Industrial Engineering
DeWitt, Mr. Robert	Mathematics
Dobbins, Mr. Edward	Mechanical Engineering
Doane, Mr. George B., III	Electrical Engineering
Ely, Mrs. Mary Ann	Spanish
Euterneck, Mr. Ernst T.	Electrical Engineering
Festa, Dr. Rudolf	Mathematics
Franklin, Dr. Elton	Commerce & Business Adminis- tration
Frary, Dr. Spencer G.	Chemistry
Garth, Mr. Horace E.	Business Law
Gilchrist, Dr. Gilbert F.	History
Harrison, Miss Joann	English
Harper, Mr. Ernest N. J.	Art
Harbert, Warren L. Mr.	Drawing

Head, Mr. Robert R.	Mechanical Engineering
Hefner, Mr. Ross H.	Investments
Heller, Mrs. Hertha	German
Hopper, Mr. Edgar H.	Mathematics
Hutchens, Dr. Eleanor N.	English
Ignatowski, Dr. Albert J.	Physics
Jones, Mr. Clyde S.	Electrical Engineering
Johnson, James E. Mr.	Mechanics
Katz, Mr. Lester	Mechanics
Kesting, Mr. Lawrence W.	Mechanical Engineering
Kling, Dr. Douglas L.	Gov't. Mi. Cont.
Kline, Mr. Raymond A.	Political Science
Kramer, Dr. John G.	Philosophy
Ledbetter, Mr. William	Industrial Engineering
Lehnigk, Dr. Horst	Mathematics
Leonard, Mr. David C.	Industrial Engineering
LeMay, Mr. Alan	Mathematics
Lewis, Mr. Robert C.	Mathematics
Lockwood, Mr. Kilbert E.	Mechanical Engineering
McGill, Mr. Howard	Mechanics
McCormick, Mr. John	English
Macuch, Mr. Marvin M.	Drawing
Merritt, Dr. James A.	Physics
McCall, Dr. Jerry C.	Mathematics
Millen, Mr. William G.	Management
Mitchell, Dr. Fred H.	Physics
Moore, Mr. William E.	Mathematics
Morlen, Mr. Dowe S.	Finance
Morrison, Mr. Columbus H.	Accounting
Nead, Dr. Dennis	Mathematics
Neblett, Miss Dorothy	Art
Nordstorm, Mr. Arthur H.	Industrial Engineering
Parnell, Mr. Richard G.	Mathematics
Parr, Mr. Charles H.	Mechanics
Paustian, Dr. Erwin C.	Sociology
Payne, Mrs. Bertha	Mathematics
Polk, Mr. Robert G.	Physics
Pschera, Dr. Karl	Metallurgical Engineering
Randall, Dr. Joseph L.	Physics
Reid, Mr. James Louis	Physics

Rheinfurth, Mr. Mario H.
Roberts, Dr. Frances C.
Rhys, Mr. Brinley J.
Russler, Mr. Jacob C.

Physics
History
English
Art

Schocken, Dr. Klaus
Schulz - Arenstorff, Dr.
Richard

Mathematics

Shannon, Mr. Robert E.
Sharpe, Mr. Mitchell R.
Simpson, Mr. David C.
Smith, Mr. James R.
Sperling, Dr. Hans J.
Stone, Mr. Max W.
Swanson, Mr. Conrad D.

Mathematics
Industrial Engineering
English
Electrical Engineering
Mathematics
Mathematics
Mathematics
Physics

Taylor, Mr. Bobbie N.
Telfer, Mr. Thomas W.
Thomason, Dr. Herman E.
Thomson, Mr. Sidney
Tyler, Mr. Warren C.

Accounting
Mathematics
Electrical Engineering
Physics
Physics

Ullman, Mr. Louis L.

English

Vaughan, Mr. Jeff C.
Vernon, Mr. William L.

Biology
Accounting

Watson, Harry M., Jr., Dr.
Ware, Robert D.
Warren, Mrs. Sylvia B.
Wilson, Mr. Homer B.
Wilson, Mr. Howard B.
Woodbridge, Dr. David D.

Mathematics
Lab. Drawing
French
Mechanics
Mechanics, Mathematics
Physics

List of courses taught during the year of
1960-61

Accounting 1 Principles of Accounting	Chemistry 2 General Chemistry
Accounting 2 Principles of Accounting	Citizenship NC
Accounting 3 Accounting Analysis	Drawing 5 Fundamentals of Mechanical Drawing
Accounting 53 Intermediate Accounting	Drawing 11 Engineering Drawing
Accounting 107 Income Tax Procedure	Drawing 33 Descriptive Geometry
Art 7a & 7b Design and Orientation	Drawing 31 Engineering Drawing I
Art 11ab & 12ab Drawing	Drawing 32 Engineering Drawing II
Art 23, 24, 25 Beginning Painting	Economics 1 American Economic History
Art 37a & b Beginning Ceramics	Economics 11 Principles of Economics
Biology 1 Plant Biology	Economics 12 Principles of Economics
Biology 2 General Biology	EE 51 Fundamentals of Electrical Engineering
Business Law 51 Introduction to Business Law	EE. 52 Fundamentals of Electrical Engineering II
Business Law 52 Introduction to Business Law	EE 54 Electric Circuits I
Business Statistics	English 03 Fundamentals of English
Chemistry 1 General Chemistry	

English 1
 English Composition

 English 2
 English Composition

 English 5
 English Literature

 English 6
 English Literature

 English 41
 English Composition for
 Engineers

 English 45
 English Classics

 English 65
 Shakespeare

 English 75
 English Novel

 English 184
 Technical English

 English 192
 Chaucer

 Finance 51
 Money and Banking

 French 1
 Elementary French

 French 2
 Elementary French

 German 1
 Elementary German

 German 2
 Elementary German

 German 3
 Intermediate German

History 1
 History of Western
 Civilization

 History 2
 History of Western
 Civilization

 History 21
 The United States to 1865

 History 22
 Development of U.S. since
 1865

 History 47
 History of England to 1660

 History 48
 History of England since
 1660

 History 74
 Foreign Relations of the
 U.S. since 1914

 I E 53
 Manufacturing Process

 I E 54
 Engineering Organization

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 Statistics

 I E 56
 Engineering Statistics &
 Industrial Applications

 I E 105
 Engineering Economics

 I E 106
 Operations Research

 Investments NC

Management 52
Labor Economics

Marketing 1
Industries and Commerce

Marketing 6
Business Correspondence

Mathematics 01 NC
High School Algebra

Mathematics 02
Plane Geometry

Mathematics 9
College Algebra

Mathematics 11
Introductory College
Mathematics

Mathematics 15
Trigonometry

Mathematics 25
Analytical Geometry &
Calculus

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Calculus & Analytical
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Mathematics 49b
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Mathematics 51
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Mathematics 76
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Mathematics 98
Introduction to the Theory
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Mathematics 121
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ME 95
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ME 106
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ME 111
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Conditioning

ME 125
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ME 136
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ME 140
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ME 163
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MH 56
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MH 64
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MH 80
Fluid Mechanics

MH 81
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Philosophy 1
Problems of Thinking &
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Physics 6c
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Physics 53
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Physics 73
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Political Science 1
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Political Science 3
Functions of American
Government

Political Science 41
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Psychology 1
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logy

Psychology 3
General Psychology

Psychology 7
Psychology of Adjustment

Psychology 28
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Russian 1
Elementary Russian

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Elementary Russian

Speech 2
Elementary Public Speaking

Sociology 1
Introduction to Sociology

Sociology 6
American Family

Sociology 9
Population and Society

Sociology 55
Human Relations in Industry

Current Survey of Soviet
Union NC

Government Military
Contracting NC

Electronic Data Processing
NC

American Politics and
Parties NC

GRADUATE COURSES

EE 201
Transient in Linear Systems

EE 205
Servomechnisms

EE 291 Research Problems	MA 129 Numerical Analysis
EE 305 Advanced Topics in Servomechanism	MA 142 Introduction to Higher Algebra
EE 306 Theory and Application of Analog Computers	MA 143 Elementary Number Theory
GES 222 Graduate Engineering Analysis	MA 144 Determinants and Matrices
IE 212 Design and Management of Technical Organizations	MA 155 Introduction of Complex Analysis
IE 226 Scientific Management	MA 181 Theory of Statistics I
IE 246 Design of Electronic Processing Systems	MA 242 Theory of Algebraic Numbers
IE 249 Advanced Statistical Quality Control	MA 259 Theory of Differential Equations
I E 255 Statistical Methods for Engineers	ME 201 Fundamental Thermodynamics I
IE 291 Special Problems - Operations Research	MH 155 Mechanical Vibrations
MA 123 Series and Special Functions	MH 161 Advanced Mechanics of Materials I
MA 126 Partial Differential Equations	MH 204 Advanced Strength of Materials
MA 127 Vector Analysis	MH 211 Compressible Fluid Flow
	MH 256 Advanced Vibrations
	MH 257 Advanced Dynamics

MH 262
Advanced Mechanics of
Materials II

MH 265
Theory of Elasticity I

MH 280.
Compressible Fluid Flow

MTE 231
Engineering Properties
of Metals

PH 101
Introduction to Theoreti-
cal Physics I

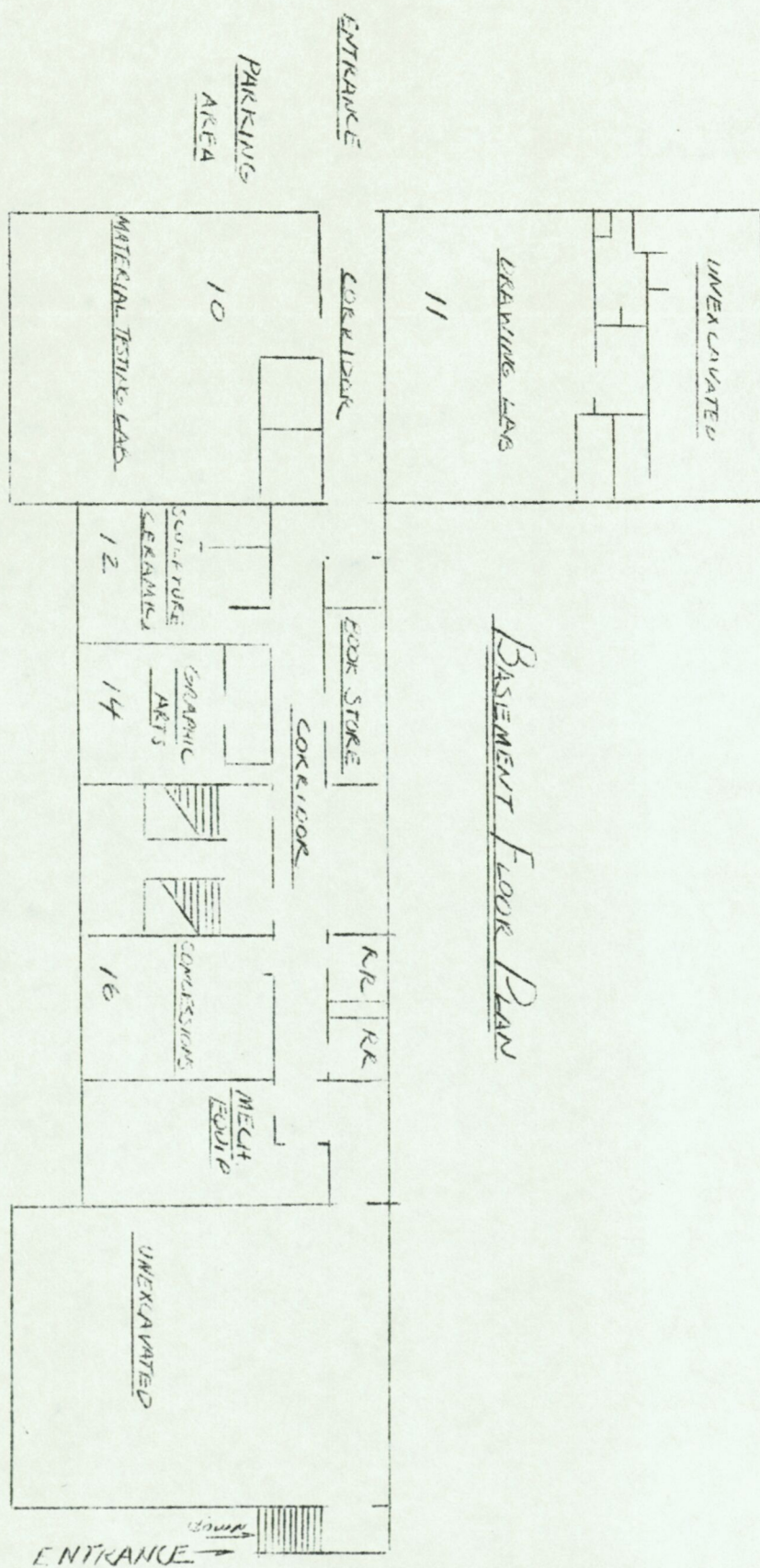
PH 102
Introduction to Theoreti-
cal Physics

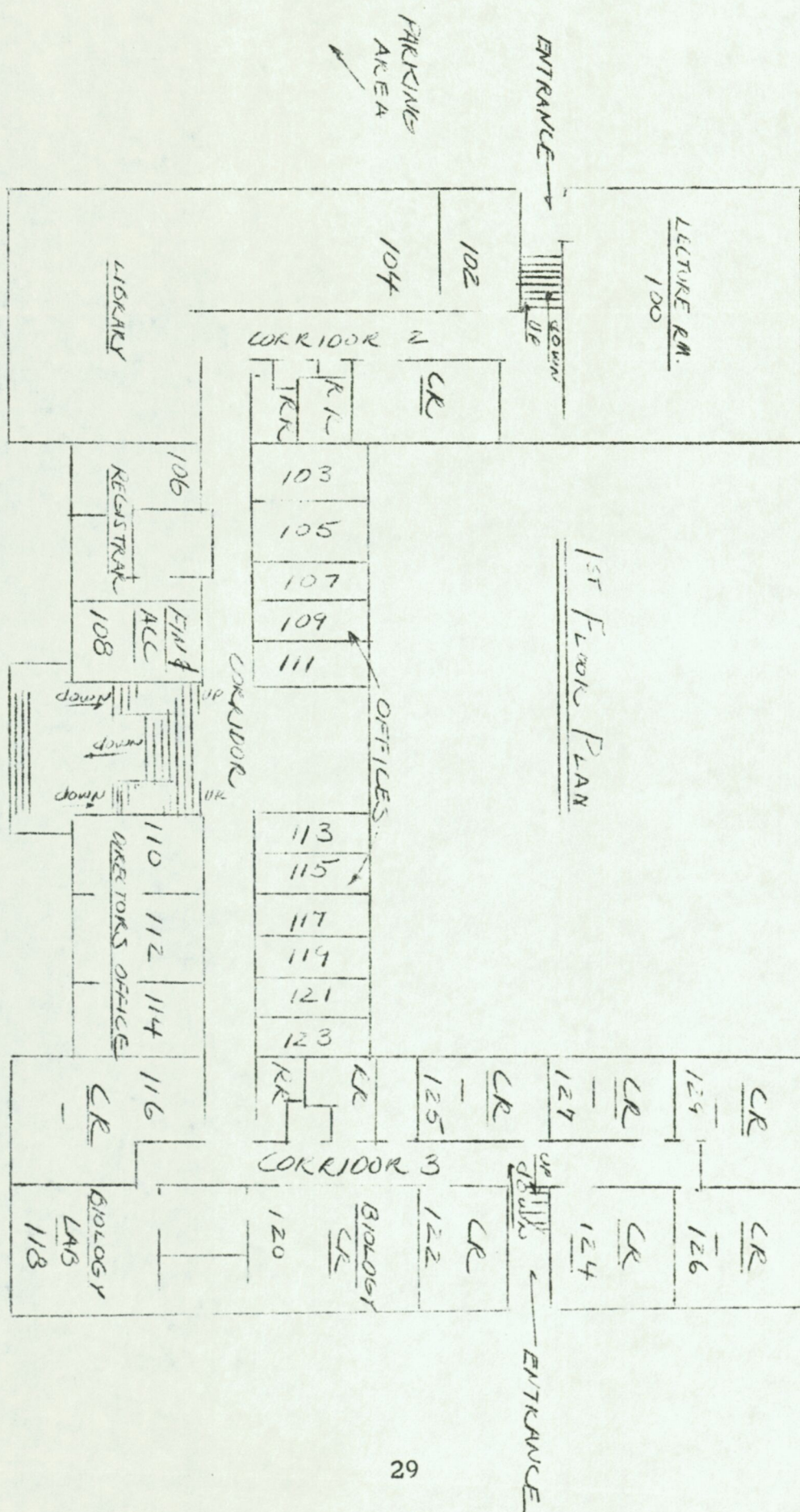
PH 155
Infrared Radiations

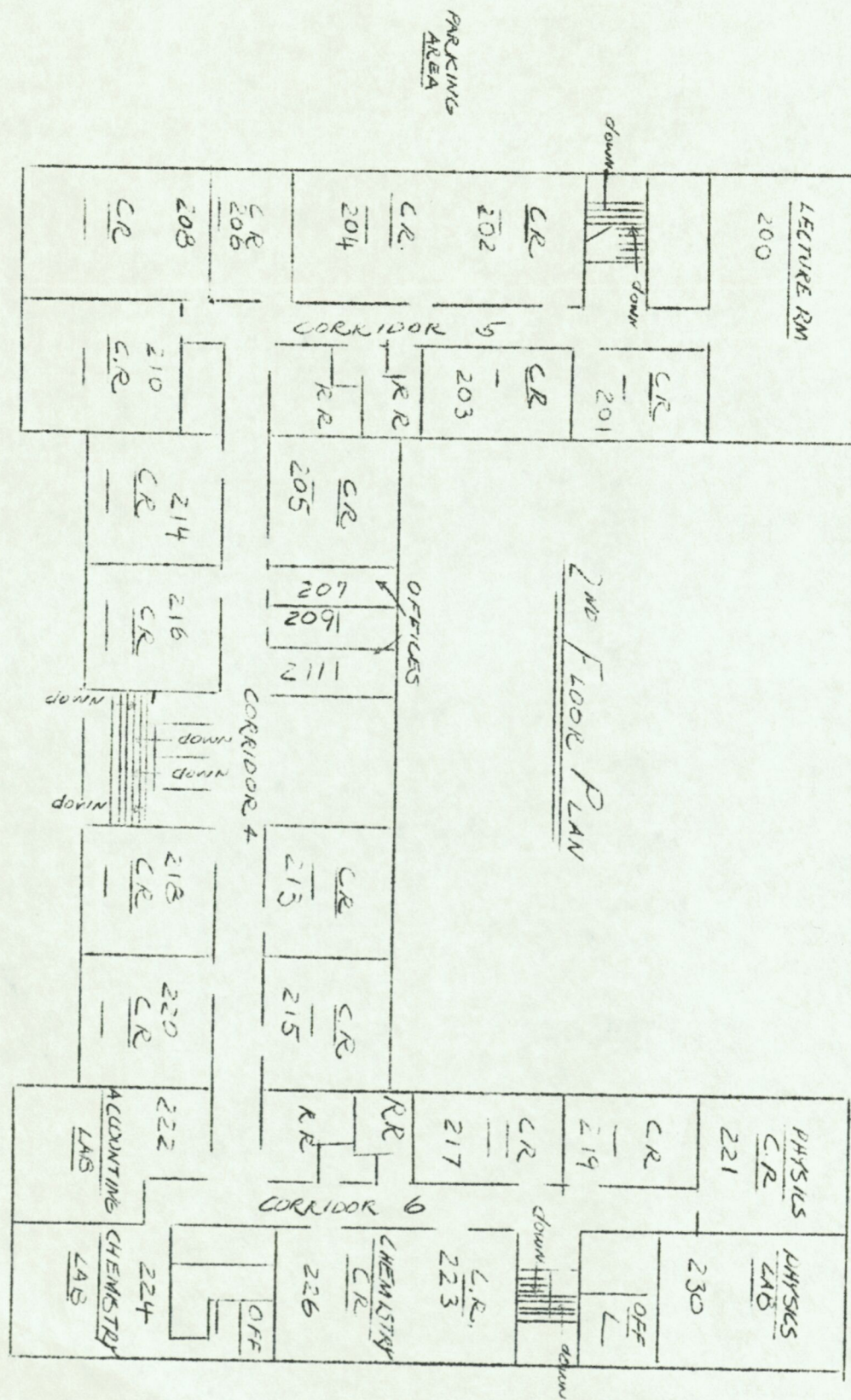
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