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Rollins College School of General Studies Catalog 1963-1964

Rollins College

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1963-64
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ROLLINS COLLEGE

THE SCHOOL OF GENERAL STUDIES

at

Winter Park

and

The Patrick Air Force Base Branch



1963-1964

ROLLINS

COLLEGE

BULLETIN

BRIEF ANSWERS TO QUESTIONS FREQUENTLY ASKED ABOUT THE SCHOOL OF GENERAL STUDIES

What is the School of General Studies?

It is that part of the Rollins Institute for General Studies which provides undergraduate level college courses with resident credit for qualified adults, both military and civilian.

Where are the courses given?

The courses are given on the Rollins College Campus and at the Patrick Air Force Base Branch.

When are the classes taught?

Generally the classes are taught in three-hour evening sessions, two per week in eight-week semesters, or one per week in sixteen-week semesters.

Is it a year-round operation?

Yes. Five semesters of eight consecutive weeks each on the campus; two semesters of sixteen weeks each and a summer semester of eight weeks at the PAFB Branch.

Who may take the courses?

The courses on the campus are open to all qualified adults in the community. At the branch, admission to the courses is limited to Patrick Air Force Base and Cape Canaveral military and civilian personnel and their dependents, and to active teachers in the schools.

What kind of courses are offered?

A fairly wide variety of liberal arts and sciences, and business administration courses are offered. Not included in the program at the present time are engineering, laboratory sciences, art, music, and secretarial courses.

What degree may be earned?

The degree of Bachelor of General Studies may be earned by taking suitable courses in the School of General Studies, provided the student does not already have a baccalaureate degree.

May graduate credit be earned in some of the courses?

Yes, if the student already has a baccalaureate degree, and the course is approved for his particular graduate program.

Who may take courses for credit without being a candidate for the Bachelor of General Studies degree?

Students who 1) already have a baccalaureate degree; 2) wish courses for professional needs or self-improvement; 3) wish to accumulate credits for later transfer towards a degree at Rollins or elsewhere.

Do non-degree students have to submit transcripts before they register for courses?

No. An official statement of good standing from the college last attended or an official statement of graduation from high school (or the equivalent) is required before credit will be granted for the first course taken in this program.

May one take courses not for credit?

Yes. Individuals who are qualified may obtain permission to register as auditors. They need not take the tests or examinations, receive no grade for the course, but pay the full tuition fee.

What are the fees?

The application fee, payable the first time a student registers for credit in Rollins College, is \$10.00. Tuition fees are \$15.00 per semester hour. An additional fee of \$10.00 per three semester-hour course is charged if graduate credit is to be granted. The graduation fee is \$10.

ROLLINS	COLLEGE	BULLETIN
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THE SCHOOL OF GENERAL STUDIES

The School of General Studies is that part of the Rollins Institute for General Studies which provides undergraduate college courses for qualified adults, both military and civilian. Cooperation with the United States Air Force since 1951 has made it possible to set up a branch of the School on the Patrick Air Force Base.

The program of courses offered on the campus and at the branch enables one to further his college education without giving up his day-time occupation. Thus, many individuals who have previously attended college, but do not have a baccalaureate degree, may complete the requirements and obtain the degree of Bachelor of General Studies here. Others may take courses to fulfill certification requirements or other professional needs; still others may wish to accumulate credits toward a degree program to be completed later; finally, adults are welcome who are not concerned with credits or degrees but who derive personal satisfaction from taking courses of interest to them.

Admission Information

The courses are open to qualified adults, but ordinarily persons under twenty years of age will not be admitted unless they are high school graduates or the equivalent. Admission to courses at the Patrick Air Force Branch is restricted to Base and Cape personnel, their dependents, and to active school teachers.

The type of academic credentials to be submitted for admission depends on the classification the applicant wishes to attain. He may register and begin attending classes before all the official papers are received, but he will not receive academic credit if the necessary papers are not on file before the end of the course. In such a case he may also be refused registration for subsequent courses.

Degree Candidates

An applicant who has not previously earned credits at an accredited college must file an official transcript of his high school record. If he did not graduate, he should file a copy of the high school equivalency diploma issued by the State Department of Education, or present evidence of having passed all of the high school level GED tests with acceptable scores.

An applicant who has previously attended college must request that official transcripts from all the colleges attended be sent to the office of the School of General Studies.

An applicant who wishes to receive credit for military experience must request that copies of DD 214 or DD 295 together with USAFI certificates be sent for evaluation.

Admission Requirements

Non-Degree Students

Students who are not candidates for the degree of Bachelor of General Studies are not required to submit transcripts of high school or college records. Those who attended college previously must file an official statement of good standing from the last college attended; the others must file an official statement of graduation from high school or the equivalent.

Auditors

Students who register as auditors may attend classes, but do not receive a grade or credit for the course. They are required to pay the full tuition fees. They may not change from audit to credit status after the second scheduled meeting of a class.

Evaluation of Credits for Advanced Standing

An individual who wishes an evaluation of his credits towards the degree of Bachelor of General Studies must first fill out an application form and pay the application fee of \$10.00. (The fee is waived if the student paid it for some previous course in Rollins College.) He will receive an evaluation only after all the academic credentials for his case are at hand.

The evaluation statement when given does not imply that the student is admitted to the School of General Studies. Until the student has satisfactorily passed a prescribed number of courses in the school (the number dependent on his past record), he is not entitled to the status of degree candidate in good standing.

A student in good standing in the school who transfers to another institution and later on seeks readmission to the School of General Studies will be subject to the requirements prevailing at that later date.

College Transfer Credit

Courses passed with a grade of C or better, in an accredited college or university, will be accepted for credit. The total number of credits for courses taken in extension programs, or by correspondence may not exceed 30 semester hours.

Military Service Credit

1. Six semester hours will be granted for each of the four college level GED tests, provided: a) a satisfactory score has been achieved in not more than two tries; b) there is no duplication with courses taken in college for which credit has been given.

Degree Requirements

2. Eight semester hours of elective credit will be granted for basic military training (or the equivalent) provided the individual remains on active duty at least one year.

3. Credit for service school training programs following the recommendations of the American Council on Education.

4. Credit for college-level courses taken through USAFI, provided there is no duplication with courses taken in college.

5. A maximum of 48 semester hours will be allowed in the total of 1, 2, 3, and 4 above.

Requirements for the Degree of Bachelor of General Studies

The completion of 128 semester hours of college-level work. The last 30 semester hours must be taken in the School of General Studies. Unless an exception is granted by the Executive Committee of the school as a result of a written petition sent in before taking a course elsewhere, no transfer credit will be accepted after the student has earned a total of 98 semester hours. At least 30 semester hours must be in courses open normally only to juniors and seniors. At Rollins such courses are numbered at the 300 and 400 level.

1. Basic distribution requirements:

a. English Composition 6 semester hours

b. Humanities 12 semester hours

Art

Foreign Languages

*History

Literature

Music

*Philosophy

Speech

**History and Philosophy may be counted in either "b" or "c," but not in both.*

c. Social Studies 12 semester hours

Anthropology

Economics

Political and Economic Geography

Government

*History

*Philosophy

Psychology

Sociology

Degree Requirements

- d. Mathematics and/or Science 9 semester hours
- Mathematics
 - Astronomy
 - Biology
 - Chemistry
 - Geology
 - Physical Geography
 - Physics

Technical or professional courses in engineering, electronics, etc. may not be used to meet this requirement.

2. A field of concentration 30 semester hours
- At least 15 of the 30 semester hours required for a field of concentration must be in courses at the 300 or 400 level. At present, students may select fields of concentration as follows:
- a. Humanities — courses selected from the subjects listed in group "b" above.
 - b. General Social Studies — courses selected from the subjects listed in group "c" above.
 - c. Social Studies and Business — a minimum of 15 semester hours in courses in Business Administration, plus additional courses selected from the subjects listed in group "c" above. It is recommended that the student include basic courses in economics and in accounting.
 - d. Mathematics and Science — courses selected from the subjects listed in group "d" above.
 - e. Preparation for Teaching — as many courses as possible to meet the professional and specialization requirements of the Florida State Department of Education.
- NOTE. Completion of the minimum requirements for the degree of Bachelor of General Studies does not guarantee eligibility for certification by the State Department of Education.

A cumulative average of C (6.00) in all work taken in the School of General Studies.

Operation Bootstrap

Military personnel who have accumulated a total of 104 semester hours, at least 6 of which are in the School of General Studies, may petition for leave of absence for fall-winter or winter-spring terms in order to complete the last 24 semester hours in full-time study at the college.

Admission to day-time courses in Rollins College for students enrolled in the School of General Studies is exceptional. It is considered in the light of the individual's requirements for the degree, but cannot be guaranteed.

Candidates for Graduation

When a student has accumulated a total of 107-110 semester hours towards the degree, he should request a conference with the Director of the School of General Studies in order to ascertain exactly what requirements remain to be met for the degree of Bachelor of General Studies.

COURSE PROGRAM

The course descriptions which follow serve the purpose of identifying the level, prerequisites, and sequences of the courses offered in the School of General Studies on the Rollins campus and/or the Patrick Air Force Base Branch. Undoubtedly the list does not include some courses which will be given before the next bulletin is issued.

The courses to be offered during a given semester will be announced on separate mimeographed forms, not later than three weeks before the semester begins. Most of the courses on the campus are accelerated in eight-week semesters; the remaining ones are for sixteen weeks. The number of semester hours of credit appears in parenthesis following the title of each course. (RC) designates course on Rollins campus; (PB) designates course at the Patrick Air Force Base Branch.

Two television courses, "The New Biology" and "The American Economy" have been given for credit in the past two years. It is possible that arrangements will be made for more such courses in the future.

Biology

341G *Evolution* (3) (RC)

Lectures, student reports, and discussions of classic and modern theories of evolution as applied to the animal kingdom. Prerequisite: At least one year of college biology.

363G *Conservation of Natural Resources* (3) (RC) (PB)

The principal biological concepts and techniques that contribute to the maximum use of our natural resources. Stress is placed upon the responsibilities of man as a vital yet dependent resource. Prerequisite: One year of college biology.

Business Administration

201G *Mathematics of Finance* (3) (PB)

A study of simple and compound interest, discounts, annuities, bonds, and selected topics.

204G, 205G *Principles of Accounting* (3) (3) (RC) (PB)

Principles of accounting as applied to business enterprises including analysis of transactions, making all types of original entry, posting, adjusting, summarizing, and the interpretation of statements.

208G *Introduction to Statistical Methods* (3) (PB)

Analysis of sources and methods for collecting data. A study of frequency distributions, averages, measures of dispersions and skewness; correlation and sampling. The interpretation and presentation of results. Prerequisite: Business 201G or the equivalent.

304G *Production Management* (3) (PB)

A study of the principles of management applied to the productive processes. Topics include plant location and layout; material flow, storage, and control; standardization of operations through quantity and quality control systems; basic time and motion methods; development, diversification, and obsolescence of productive capacity; relation of production function to other areas of management.

308G *Fundamentals of Investments* (3) (RC) (PB)

Investment problems from the investor's viewpoint. The securities markets and their regulation. Evaluation of forecasting methods. Analysis of securities.

311G *Principles of Marketing* (3) (RC) (PB)

Principles and methods of marketing, and analysis of the market structure. Movement of goods from producer to consumer, including marketing functions, and institutions, channels of distribution, policies, cost, problems of creating demand, wholesaling, and retailing.

314G *Managerial Accounting* (3) (RC) (PB)

A study of the principles underlying the basic concepts of accounting, and the measurement of income, expenses, and valuation of assets. Accounting as a tool of management. Analysis and interpretation of financial reports from the viewpoint of management and investors. Prerequisite: Business 205G

320G *Business and Technical Writing* (3) (PB)

Techniques of effective writing relating to such areas as business letters, technical and administrative reports, public information releases, technical writing, etc. Prerequisite: English 102G

322G, 323G *Business Law* (RC) (PB)

Basic principles of law relating to contracts, agency, bankruptcy, negotiable instruments, business organizations, personal and real property, labor relations, security for credit transactions, and trade regulations.

Course Program

325G *Personnel Management* (3) (RC) (PB)

Selection and training of employees; job analysis; work standards and labor productivity; merit rating and promotion procedures; wage determination; handling of employee grievances; worker morale; health and pension plans. Prerequisite: one course in economics, or consent of the instructor.

409G *Business Management* (3) (RC) (PB)

Methods and problems of the business world presented from the viewpoint of the businessman at work; emphasis on the continuity and unity of the problems of the business manager. Useful to both women and men who contemplate working in the field of executive management. Prerequisite: Economics 212G or consent of the instructor.

Economics

211G, 212G *Principles of Economics* (3) (3) (RC) (PB)

Production, exchange, and income distribution in the modern economy. A foundation course for majors in economics and business administration.

306G *Public Finance* (3) (RC)

Revenues and expenditures of the federal, state, and local governments. Repercussions of governmental expenditure and taxes upon individuals, business firms, and the entire economy. Implications of the national debt. Prerequisite: one course in economics.

309G *Money and Banking* (3) (RC) (PB)

A study of money, types of currency, modern banking operations, and the nature and use of credit. Monetary and financial theory applied to business and government. Prerequisite: Economics 212G

422G *Comparative Economic Systems* (3) (RC)

The basic problems faced by all economic systems, and the special problems of authoritarian, competitive, and mixed economies. Prerequisite: two courses in economics.

Elementary and Secondary School Teaching, Professional Courses for

301G *Sociological Foundations* (3) (RC) (PB)

Deals with the relation of education to the social trends, the historical development, and the emerging issues of our society, as these affect elementary, secondary, and junior college programs.

Course Program

304G *Psychological Foundations* (3) (RC) (PB)

A study of human growth and development, and of the best methods of learning as these affect elementary, secondary, and junior college programs.

324G *The Curriculum and School Organization* (3) (RC) (PB)

A study of curriculum planning and of school organization for both elementary and secondary schools. Prerequisite: Education 301G

404G *Tests and Measurements* (3) (RC) (PB)

The interpretation and use of evaluative techniques for use in classrooms and schools.

406G *Teaching in Elementary Schools* (3) (RC) (PB)

Principles and methods of teaching and learning. For elementary teachers. Preparation for student teaching. Prerequisite: Education 301G and 324G

407G *Teaching in Secondary Schools* (3) (RC) (PB)

Principles and methods of teaching and learning. For secondary teachers. Preparation for student teaching. Prerequisites: Education 301G and 324G

409G *Reading in Elementary Schools* (3) (RC) (PB)

Objectives of a reading program for the elementary grades with techniques of developing reading skills.

417G *Special Methods* (3) (RC) (PB)

Specific help in teaching materials content, and techniques in the special field that the individual plans to teach.

463G *New Content in Elementary School Mathematics* (3) (RC)

A study of topics proposed for introduction into the elementary mathematics curricula by national committees and professional organizations. The notion of sets and the emphasis on the properties of the basic operations are two such topics.

464G *New Content in Elementary School Science* (3) (RC)

Provides opportunity for the teacher to gain a knowledge of new content in science now being incorporated into the elementary school program.

Elementary School Teaching, Specialization Courses for

310G *Physical Education in Elementary School* (3) (RC) (PB)

Organizing and conducting physical education program in elementary grades, including principles of health education.

Course Program

316G *Instructional Materials* (3) (RC) (PB)

The selection and use of audio-visual materials in teaching; including children's literature and library materials.

317G *Music in Elementary Education* (3) (RC)

Content and methods of teaching music in the elementary grades.

318G *Art in Elementary Education* (3) (RC) (PB)

Content and methods of teaching art in the elementary grades.

320G *Teaching Arithmetic* (3) (PB)

Content and methods of teaching arithmetic in the elementary grades.

English

101G, 102G *English Composition and Literature* (3) (3) (RC) (PB)

The basic principles of correct and effective expository writing and the basic literary forms: essays, fiction, poetry, and plays.

317G, 318G *Shakespeare* (3) (3) (RC)

A study of Shakespeare's life and the plays of the first half of his career, including *Romeo and Juliet*, *A Midsummer Night's Dream*, *The Merchant of Venice*, *Henry IV* (part I), *Henry V*, *As You Like It*, *Julius Caesar*, and *Hamlet*. A study of Shakespeare's theatre and the plays of the second half of his career, including *Twelfth Night*, *Othello*, *Measure for Measure*, *King Lear*, *Macbeth*, *Antony and Cleopatra*, *Coriolanus*, and *The Tempest*.

391G, 392G *World Literature* (3) (3) (RC)

Selected readings in English from the great literature of the Western world. The literature of Greece and Rome; the literature of the Middle Ages and the Renaissance; the literature of the seventeenth, eighteenth, and nineteenth centuries.

465G *The Twentieth Century English and American Novel* (3) (RC)

A study of twentieth century English and American fiction, including its roots in the nineteenth century, and a detailed analysis of the work of seven representative contemporary novelists. Critical papers and oral reports.

Foreign Languages

French

101G, 102G *Elementary French* (3) (3) (RC)

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill.

Course Program

Russian

101G, 102G *Elementary Russian* (3) (3) (PB)

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill.

Spanish

101G, 102G *Elementary Spanish* (3) (3) (RC) (PB)

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill.

201G, 202G *Intermediate Spanish* (3) (3) (RC)

Grammar review, conversation, and intensive reading. Prerequisite: Spanish 102G or equivalent.

Geography

321G *Geography and World Affairs* (3) (RC)

An examination of world political and economic patterns in the light of the natural environment, cultural differences, and spatial relations. Particular emphasis is placed on the respective roles of the Western, Communist, and uncommitted national blocks. Prerequisite: at least one college geography course.

Geology

221G *Introduction to Oceanography* (3) (RC)

A history of early oceanography and a description of the ocean basins and their origin. Cultural, economic, and military aspects.

310G *Study of the Earth* (3) (RC)

The origin of the earth as an astronomical body; structure and composition of the earth as a whole; physical agencies which shape the face of the earth; ore deposits; scenic features. Prerequisite: at least one course in geology.

321G, 322G *Selected Topics in Oceanography* (3) (3) (RC)

The first course deals primarily with the physical aspects of the oceans; the second course deals with the biological aspects. Prerequisite: Geology 221G.

Government

337G *Comparative Government* (3) (RC)

Representative types of political institutions in major nation states are studied. Prerequisite: a course in government.

Course Program

347G *American National Government* (3) (RC) (PB)

A study of the federal government and its interstate relationships. Attention to public policy making the interaction of political purpose and parties, the administrative structure, interest groups, and effective citizen participation.

348G *State and Local Government* (3) (RC)

Organization and functioning of state, county, and municipal government with emphasis on effective citizen participation. Special attention to evolving regionalism and the government and politics of Florida.

361G *American Foreign Relations* (3) (PB)

Diplomatic history of the United States from Colonial days to the 1960's. Prerequisite: a course in college history or government.

458G *International Law* (3) (RC)

The rights, obligations, and relationships of national states in their intercourse with one another. Prerequisite: a course in government.

History

331G, 332G *Modern European History* (3) (3) (RC)

The first course covers the Renaissance to 1815; the second course covers the period after 1815 to the present.

341G, 342G, 343G *History of the United States* (3) (3) (3) (RC)

The first course covers the Colonial period to 1783; the second covers 1783 to 1865; the third covers 1865 to the present.

358G *Problems of Latin America* (3) (PB)

An introductory course, designed to analyze the major factors operative in influencing the development of economic, social, ideological, and political problems in the Latin American area as a whole. Detailed study of the historical and geographical backgrounds as well as contemporary problems of selected areas, including Brazil, Mexico, and Peru.

Mathematics

100G *Introductory College Algebra* (2) (RC) (PB)

A thorough review of high school algebra plus college-level algebra through quadratic equations. Designed for students with little or no background in mathematics, or who need a refresher course. Two semester hours of credit.

Course Program

101G *College Algebra* (3) (RC) (PB)

Brief review of fundamental operations; exponents and radicals; linear and simultaneous equations; use of graphs and determinants in the solution of simultaneous equations; study of quadratic equations and their application to conic sections; arithmetic and geometric progressions; binomial theorem. Prerequisite: Mathematics 100 or two years of high school algebra.

102G *Trigonometry* (3) (RC) (PB)

Study of such topics as the use of tables of natural functions, logarithms, functions of any angle, solution of triangles, graphs of functions, identities, and equations. Prerequisite: Mathematics 101.

131G *Introduction to Digital Computers* (3) (RC)

A brief introduction to the theory of digital computers. Special attention will be given to FORTRAN programming as applied to the IBM 1620 computer. Some opportunity will be given for direct experience on the computer.

211G *Plane Analytic Geometry* (3) (RC) (PB)

Work with co-ordinate systems, graphs, and geometry of the straight line and conic sections. Prerequisite: Mathematics 101 and 102 or equivalent.

212G, 213G *The Calculus* (3) (3) (RC) (PB)

Methods of differentiation and integration with application to physical problems and geometry. Prerequisite: Mathematics 211.

312G *Intermediate Calculus* (3) (RC) (PB)

Partial derivatives, multiple integrals, infinite series. Prerequisite: Mathematics 213.

313G *Differential Equations* (3) (RC) (PB)

The classification, solution, and application of various equations involving not only variables, but also the derivatives of these variables. Prerequisite: Mathematics 312 or equivalent.

406G *Mathematical Statistics* (3) (RC) (PB)

Mathematical and empirical tables, and probability. Topics from the mathematical theory of statistics, such as measures of dispersion, curve fitting, statistical correlation, and random sampling. Prerequisite: Mathematics 213.

416G *Vector Analysis* (3) (RC) (PB)

Basic principles of the theory of vector analysis with applications to engineering vector differentiation and integration, and introduction to tensor analysis. Prerequisite: Mathematics 312G.

434G *Differential Equations II* (3) (RC)

Extension of the work of the first course in differential equations to functions of more than one variable. Prerequisite: Mathematics 313G.

438G *Introduction to Complex Variables* (3) (PB)

Algebra and geometry of complex numbers, elementary functions, conformal mapping, elementary complex integration, series, residues, evaluation of infinite real integrals. Prerequisite: Mathematics 312G.

Philosophy

202G *History of Modern Philosophy* (3) (RC)

The development of philosophy from the Renaissance to Hegel. Special attention will be given to the empiricals (Locke, Berkeley, and Hume), to the rationalists (Descartes and Leibnitz), and to Kant.

203G *Introduction to Types of Philosophy* (3) (RC) (PB)

A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis is placed upon methods of unifying individual beliefs.

221G *Ethics* (3) (RC) (PB)

A study of various insights into the nature of wisdom and goodness and their effectiveness as guides for human attitudes and actions.

307G *Philosophy of Religion* (3) (RC)

A study of the philosophical problems posed by religious experience, values and claims to knowledge. This will include an examination of the arguments for and against the existence of God and of the main theories of God's nature. Prerequisite: at least one course in philosophy.

308G *Philosophy of Science* (3) (RC)

A non-technical study of the development of scientific concepts from Galileo to the present day. Emphasis is placed on the philosophical and cultural consequences of these ideas. Prerequisite: at least one course in philosophy.

Physics

101G, 102G *Astronomy* (3) (3) (PB)

A scientific approach to the understanding of nature through the study of the solar system, physical characteristics of the stars, and systems of stars.

Course Program

314G, 315G *Electricity and Magnetism* (3) (3) (RC)

Review of vector analysis; electrostatics; electricity and magnetism developed from experimental laws. Other topics include magnetic field of steady currents, electromagnetic induction, plasma physics, and Maxwell's equations. Problems, discussions, but no laboratory work. Prerequisite: Mathematics 213 and one year of college physics.

317G, 318G *Modern Physics* (3) (3) (RC)

Review of electricity and magnetism and necessary mathematical concepts; historical basis for modern physics; X rays; optical spectra; radioactivity; nuclear processes; fission particle accelerators; and quantum physics. Problems, discussions, but no laboratory work. Prerequisites: Mathematics 213G and one year of college physics.

Psychology

201G *General Psychology* (3) (RC) (PB)

An introductory and systematic survey of the field of psychology. Designed as a foundation course for both majors and non-majors.

205G *Social Psychology* (3) (RC) (PB)

A study of the behavior of the individual in the group situation, with attention to the social factors in human nature and personality, to differential psychology, to social interaction, and to social pathology. Prerequisite: Psychology 201, or Sociology 202.

310G *Abnormal Psychology* (3) (RC) (PB)

A study of behavior disorders in relation to normal behavior and mental health; survey of treatment methods, with field trips to state institutions. Prerequisite: Psychology 201.

354G *Psychology of Personality* (3) (RC)

A study of early and recent attempts to understand the nature of the human personality. Emphasis is placed upon the theoretical formulations of major theorists, their impact on and contributions to contemporary thought. Includes a critical evaluation of pertinent research in the area of personality. Prerequisite: Psychology 201.

373G *Psychology Applied to Business and Industry* (3) (RC) (PB)

A study of the application of the principles and methods of psychology to problems in business and industry such as personnel selection, employment, job analysis, effect of conditions and methods of work on productivity, and psychological factors in advertising and selling. Trips to representative establishments. Prerequisite: Psychology 201.

Course Program

- 395G *Techniques of Counseling and Interviewing* (3) (RC) (PB)
A course designed for people in teaching, business, and industry. Surveys the theories and methods of counseling and interviewing; offers practice in counseling and interviewing situations. Discussion of tests used in estimating vocational fitness. Prerequisite: Psychology 201G.

Religion

- 331G *History of Religion* (3) (RC)
An introduction to the major religions of the world — Hinduism, Buddhism, Taoism, Confucianism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islamism. A descriptive, interpretative, and comparative study of religion. Prerequisite: at least one course in philosophy.

Sociology

- 202G *Introduction to Sociology* (3) (RC) (PB)
The major concepts utilized by sociologists in analyzing socio-cultural behavior; emphasis on human groups, their structure and functioning, and the significance of group phenomena for understanding human behavior.
- 325G *Social Disorganization* (3) (PB)
An analysis, from the Behavioral Science viewpoint, of the phenomena of individual and group disorganization. Alcoholism, drug addiction, crime, divorce, and suicide are studied within the context of socio-cultural milieu. Prerequisite: Sociology 202G or equivalent.
- 331G *Criminology* (3) (RC)
Analysis of extent and types of criminal behavior. Causative theories are examined and related to penological and rehabilitative programs as they have been developed historically and operate today. Prerequisite: Sociology 202G or equivalent.

Speech

- 101G *Fundamentals of Speech* (3) (RC) (PB)
A practical course in the fundamentals of public speaking: principles, actual practice, and constructive criticism.
- 324G *Effective Speech* (3) (RC)
Designed to improve the speech of the student as well as his understanding of the theory of effective speech through oral drills and written exercises. Breathing for effective speech, voice, articulation, and standards of pronunciation. Prerequisite: Speech 101G.

Tuition and Fees

Application fee \$10. This fee is payable at the time a student registers for credit for the first time in Rollins College, or at the time of application for an evaluation of credits, if that occurs first.

Tuition fee \$15. per semester hour of credit.

Graduation fee \$10.

All fees must be paid in full at the time of registration, with the exception of the graduation fee.

If a student withdraws from a course before the second regular class meeting, he may receive a refund of the tuition fee, but not thereafter.

Grading System

The student's work in a completed course is evaluated by one of the usual grades A, B, C, D, or F.

If a student is unable to keep up with the work required in a course for some compelling reason, he should request permission to drop the course by stating his reason in writing and mailing it to the Office. If his work up to the time of withdrawal was satisfactory the grade W will be assigned. Withdrawal without notice in writing will result in XF.

The grade I is temporarily assigned if the work in a course is incomplete at the end of the semester. The work must be completed within 60 days, or the grade F will then be recorded automatically.

1963 - 64 CALENDAR

School of General Studies at Winter Park

August 19, 1963	Semester 1A begins
September 2 (Labor Day)	*Holiday
October 10	Semester 1A ends
October 21	Semester 1B begins
November 28 (Thanksgiving Day)	*Holiday
December 12, 1963	Semester 1B ends
January 20, 1964	Semester 2A begins
March 12	Semester 2A ends
March 30	Semester 2B begins
May 21	Semester 2B ends
June 15	Summer Semester begins
July 4 (Independence Day)	*Holiday
August 6, 1964	Summer Semester ends

School of General Studies at Patrick AFB Branch

August 26, 1963	Fall Semester begins
September 2 (Labor Day)	*Holiday
November 28 (Thanksgiving Day)	*Holiday
December 12, 1963	Fall Semester ends
January 20, 1964	Spring Semester begins
May 7	Spring Semester ends
June 8	Summer Semester begins
July 30, 1964	Summer Semester ends

*Classes missed because of holidays must be made up at times to be pre-arranged.

ADMINISTRATION 1962 - 63

Hugh Ferguson McKean, *President*

A.B., Rollins College; A.M., Williams College; L.H.D., Stetson University

Alfred Jackson Hanna, *First Vice President*

A.B., Rollins College; L.H.D.

John Meyer Tiedtke, *Second Vice President, Treasurer, Dean of the Graduate Programs*

A.B., Dartmouth College; M.C.S., Amos Tuck School of Business Administration

Schiller Scroggs, *Dean of the College*

A.B., Southeastern State College; M.A., Columbia University; Ph.D., Yale University

George Saute, *Director of the School of General Studies*

Ph.B., A.M., Brown University

George Fletcher Schlatter, *Resident Director, Patrick Air Force Base Branch, School of General Studies*

B.S., U.S. Military Academy; M.A.T., Duke University

Richard Schuyler Wolfe, *Registrar*

B.A., Intermountain Union College; M.A., University of Washington

Elizabeth Fohl, *Assistant Registrar*

FACULTY 1962 - 63

- Richard R. Adicks, Jr. *English*
 B.A., M.A., University of Florida
- Lucile E. Allard *Education*
 B.A., M.A., Ph.D., Teachers College, Columbia University
- Floyd E. Anthony *Psychology*
 B.S., University of Cincinnati; M.S., Xavier University
- Charles B. Aycock, III *English*
 B.A., University of North Carolina; M.A., East Carolina College
- W. Bradley Baker *Science, Education*
 B.S., Eastern Kentucky State College; M.A., University of Kentucky; Ed.D., Florida State University
- Merl W. Baldwin, Jr. *English*
 A.B., M.L. (Literature), University of Pittsburgh
- Walter E. Barden *Mathematics*
 B.S., Rollins College
- Leon Bennet-Alder *Business Administration*
 B.A., University of Western Ontario; M. Hosp. Adm., University of Toronto
- Ross C. Brackney *English*
 A.B., St. Benedict's College; M.A., University of Notre Dame
- B. Frank Brown *Psychology, Business Administration*
 A.B., University of Georgia; M.A., Marshall College; Ed.D., University of Florida
- Robert R. Buffington *English*
 B.A., Rollins College; M.A., Vanderbilt University; M.F.A., Iowa University
- Carol Burnett *Psychology, Education*
 B.S., Stout Institute; M.Ed., University of South Carolina; Ed.D., University of Florida
- Julia K. Campbell *Mathematics*
 A.B., M.A.E., Stetson University
- Henry P. Constans, Jr. *Philosophy*
 B.S.Ph., M.A.E., Ed.D., University of Florida
- Larkin F. Culbreth, Jr. *Mathematics*
 B.S.E.E., M.S., Georgia Institute of Technology
- Lloyd D. Davis *Mathematics*
 A.B., Ohio Northern University; M.S., University of Miami
- Dudley E. DeGroot *Sociology*
 A.B., University of West Virginia; M.A., University of New Mexico; Ph.D., Ohio State University
- *Lewis J. De Laura *Education*
 B.Ed., State University of New York; A.M., Teachers College, Columbia University
- *Deceased, February 18, 1963

Faculty

- Sylvester A. DeMars *Mathematics*
 B.S., University of Pittsburgh; M.S.E.E., Newark College of
 Engineering
- Jeffrey S. Deutsch *Mathematics*
 B.S. Aero Engr., Virginia Polytechnic Institute
- Wilbur Dorsett *English*
 A.B., A.M., University of North Carolina
- Patricia J. Drabik *Speech*
 A.B., Louisiana State University; M.A., Bradley University;
 Ph.D., University of Illinois
- Louis M. Edwards *Mathematics, Education*
 B.S., M.Ed., University of Florida
- William T. Edwards *Education*
 B.A.E., M.A.E., University of Florida; Ph.D., Ohio State Uni-
 versity
- Roger A. Ferree *Economics*
 A.B., M.B.A., University of California (Berkeley)
- William G. Fletcher *Government*
 A.B., Clark University; M.A., Ph.D., Yale University
- Charles J. Gantt *Mathematics*
 A.B., M.A.E., University of Florida
- Robert H. Glass *Mathematics*
 B.S.C.E., University of Florida; M.A., Florida Southern College
- Carolyn V. Godbold *Education*
 B.A., Columbia College, South Carolina
- Sarah M. Goodman *English*
 A.B., M.A., Stetson University
- Kenneth E. Griswold *Education*
 B.S., North Dakota State University; M.Ed., College of William
 and Mary; Ed.D., Columbia University
- Leslie C. Hamilton *Russian*
 A.B., State University of Iowa; LL.B., Georgetown University
- George W. Hardy *Mathematics*
 B.S., University of Pittsburgh; M.Ed., University of Florida
- Edward W. Hatchett *Mathematics*
 A.B., Duke University; M.A., Columbia University
- Morris M. Herzberg *Business Administration*
 LL.B., University of Georgia
- Loren B. Hillsinger *Business Administration*
 B.S., U.S. Military Academy; LL.B., University of Florida
- Carl W. Johnson *Mathematics*
 B.S., M.A., University of Alabama

Faculty

- | | |
|---|--------------------------------|
| O'Neill Kane | <i>Economics</i> |
| B.S., U.S. Military Academy; M.B.A., Rollins College | |
| Gayle Kelley | <i>Education</i> |
| B.S.Ed., University of Florida; M.Ed., Duke University | |
| Martin D. Kessler | <i>Economics</i> |
| B.A., Temple University; M.A., University of Pennsylvania | |
| Emilia E. Knight | <i>Spanish</i> |
| University of Montevideo; La Sorbonne, Paris | |
| William J. Koselka | <i>Mathematics</i> |
| B.S., University of Michigan; M.S. Aero. Engr., University of Washington | |
| Bert F. Kremp | <i>Mathematics</i> |
| B.S., Southwestern College; M.S., Florida State University | |
| Edward J. Kroen | <i>Mathematics</i> |
| A.B., Thiel College; B.S.E.E., University of Texas; M.S.E.E., University of Wyoming | |
| Fred A. Likely | <i>Psychology</i> |
| A.B., DePauw University; Ph.D., Indiana University | |
| Hubert Marcotte | <i>French</i> |
| B.A., M.A., University of Montreal | |
| George J. Marks | <i>Mathematics</i> |
| B.M.E., New York University College of Engineering | |
| George W. Maxwell, Jr. | <i>Education</i> |
| A.B., University of Denver; M.Ed., University of Florida | |
| Hildreth H. McAshan | <i>Philosophy</i> |
| B.S., M.S., University of Tennessee; Ed.D., Michigan State University | |
| William J. McEntee | <i>Speech</i> |
| B.Ed., Duquesne University; M.Ed., University of Pittsburgh | |
| Vaughn R. McKim | <i>Philosophy</i> |
| A.B., Oberlin College | |
| William H. McMahan | <i>Physics</i> |
| B.S., Catawba College; M.S., Clemson College | |
| Morris P. Miserandino | <i>Psychology</i> |
| B.S., Seton Hall College; M.A., New York University | |
| Richard P. Momsen, Jr. | <i>Geography</i> |
| A.B., Dartmouth College; M.A., Ph.D., University of Minnesota | |
| George E. Morrissey, Jr. | <i>Business Administration</i> |
| B.S., U.S. Military Academy; M.E.A., George Washington University | |
| Hadley G. Nelson | <i>Mathematics</i> |
| A.B., University of South Dakota; M.S., New Mexico State University | |

Faculty

- Mervin E. Newman *Business Administration*
B.S.L., LL.B., Northwestern University
- Lawrence Nicola *Physics*
B.S., M.S., Louisiana State University
- James S. O'Donnell *Business Administration*
A.B., McKendree College; M.B.A., Air Force Institute of Technology
- John W. Oliver *History*
A.B., M.A., University of Missouri; Ph.D., University of Wisconsin; Litt.D.
- Audrey L. Packham *Education*
B.S., Florida State University; A.M., Columbia University
- Andreas A. Piske, Jr. *Mathematics*
B.S., U.S. Naval Academy; M.S., Institute of Technology (Air Force)
- D. Jack Powell, Jr. *Business Administration*
A.B., Rollins College; C.P.A., Florida
- Benjamin D. Ramsdell *Mathematics*
A.B., M.S., University of Michigan
- Betty S. Richards *Psychology*
A.B., West Virginia University; M.A., University of Houston
- Ned T. Richardson, Jr. *Mathematics*
B.S. Ed., M.S. Ed., Kansas State College of Pittsburgh
- Virgil M. Rochester *Business Administration*
B.A., Furman University; LL.B., University of South Carolina
- W. Stephen Sanderlin, Jr. *English*
A.B., William and Mary College; M.A., Catholic University; Ph.D., University of Virginia
- George Saute *Mathematics*
Ph.B., A.M., Brown University
- George F. Schlatter *Mathematics*
B.S., U.S. Military Academy; M.A.T., Duke University
- Ronald Lyn Searle *Mathematics*
B.S.E.E., University of Akron
- Albert P. Sheppard, Jr. *Physics*
B.S., Oglethorpe University; M.S., Emory University
- John M. Signorelli *Business Administration*
B.S., University of West Virginia
- Stanley A. Simpson *History*
A.B., M.A., University of North Carolina
- Riley S. Smith, Jr. *Geology*
B.S., M.S., University of Tulsa; Ph.D., University of Arizona

Faculty

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| Zens L. Smith
B.S., Knox College; M.S., University of Chicago | <i>Mathematics</i> |
| Roberto S. Solis, Jr.
B.S. Ed., University of Nebraska | <i>Spanish</i> |
| Grover M. Stallings
B.B.A., University of Georgia; C.P.A., Georgia | <i>Business Administration</i> |
| Charlotte Stienhans
A.B., Rollins College; M.A., Teachers College, Columbia University | <i>Education</i> |
| Irvin Stock
B.A., New York University; M.A., Ph.D., Columbia University | <i>English</i> |
| James M. Stoll, Jr.
B.S., Wake Forest College | <i>Mathematics</i> |
| Wendell C. Stone
A.B., Pomona College; Ph.D., Yale University; LL.D. | <i>Philosophy</i> |
| Lionel M. Summers
B.S., Princeton University; LL.B., George Washington University | <i>Government</i> |
| Arthur L. Teikmanis
B.A., University of Latvia; B.D., Andover Newton Theological School; Ph.D., Harvard University | <i>Philosophy, Religion</i> |
| Mary L. Triplett
A.B., Randolph-Macon Woman's College; M.A., Ph.D., University of Minnesota | <i>Psychology</i> |
| Dyckman W. Vermilye
B.A., College of William and Mary; M.A., University of Minnesota; Ed.D., Columbia University | <i>Psychology</i> |
| Martin I. Veiner
B.S., M.B.A., Babson Institute | <i>Economics</i> |
| Edward E. Wahlkamp
B.S., M.S., University of Kentucky | <i>Economics</i> |
| Emily E. Webber
B.S., College of Charleston; B.A., Winthrop College; M.A., Teachers College, Columbia University; Ph.D., Florida State University | <i>Music Education</i> |
| Clarence R. Weeden
B.S.M.E., M.S.M.E., Georgia Institute of Technology | <i>Mathematics</i> |
| Richard S. Wolfe
B.A., Intermountain Union College; M.A., University of Washington | <i>Mathematics</i> |
| John Woodward
B.S., Presbyterian College, S.C.; M.S., University of Georgia | <i>Mathematics</i> |