

The
Christopher Newport College
of the College of
William and Mary



Announcements, Summer Session 1970
Newport News, Virginia

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1970 SUMMER SESSION CALENDAR

May 4-June 15.....	Pre-registration by mail for Sessions A (First) and C (Complete).
June 17.....	Wednesday—REGISTRATION for all courses in Session A (First) and Session C (Complete).
June 18.....	Thursday—Courses in Sessions A (First) and Session C (Complete) begin.
July 3.....	Friday—Last day to drop one of two courses without penalty for enrollees in Session A.
July 8.....	Wednesday—Last day to withdraw from all classes without grade notation of WP or WF for enrollees in Session A.
July 10.....	Friday—Last day to drop one of two courses without grade penalty for enrollees in Session C.
July 20.....	Final Examination for courses in Session A (First). (Monday).
July 21.....	Tuesday—REGISTRATION for all courses in Session B (Second). No classes in any session on this day.
July 22.....	Wednesday—Session B (Second) begins and Session C (Complete) resumes.
July 31.....	Friday—Last day to withdraw from all classes without grade notation of WF or WP for enrollees in Session C.
August 6.....	Thursday—Last day to drop one of two courses without grade penalty for enrollees in Session B.
August 13.....	Thursday—Last day to withdraw from all classes without grade notation of WP or WF for enrollees in Session B.
August 19.....	Wednesday—Final Examination for Evening Session B courses that meet on Mondays and Wednesdays.
August 20.....	Thursday—Final Examination for Evening Session B courses that meet on Tuesdays and Thursdays and for Evening Session C courses.
August 21.....	Friday—Final Examination for Day Session B and Session C courses.

AIMS AND PURPOSES

Christopher Newport College of the College of William and Mary is a coeducational, non-residential college offering undergraduate education in a variety of fields. It is organized to meet the three obligations of a college: teaching, research, and service.

Through its academic programs and teaching personnel, the College provides the means for its students to become liberally educated and competent in their chosen profession or occupation. Ideally, the programs and personnel create an environment in which the student may explore freely and accept willingly the responsibilities which such exploration affords. Since a faculty is also a collection of scholars and since research, the basis of intellectual life, is the obligation of the faculty, the College provides active assistance and encouragement to its faculty engaged in scholarly, scientific, or creative projects.

These traditional activities of a college underlie and support the services it renders to the community. Faculty members and students are encouraged to participate in the social, business, cultural, and professional life of the community. In turn, the community shares in the College's life and offers to the College a training ground and laboratory for social, economic, and political studies.

Recognizing the complexity of a rapidly changing society and the expanding opportunities of the future, the College tries to maintain flexibility and openness in serving students, faculty, and the community.

ACCREDITATION

Christopher Newport College is accredited through The College of William and Mary and by the Southern Association of Colleges and Schools.

STRUCTURE OF THE SUMMER SESSION

The Summer Session is directed by the Office of Continuing Studies and this year offers to the student population of the Lower Peninsula over one hundred courses of instruction, ranging from freshman to senior levels. The Session is arranged so that a student may earn credit by enrolling in classes in either or both mornings and evenings in either or both two four and one-half week sessions and one nine-week session. The sessions have been labeled A (June 18 to July 20), B (July 22 to August 21), and C (June 18 to August 21).

While two courses in any combination would seem the wisest maximum, it is not impossible to enroll in a heavier load if the enrollee's past academic record is exceptional and if he has all his time to devote to his studies. Enrollees desiring more than two courses in any combination should either submit transcripts of their academic record to the Director of Continuing Studies to gain his approval or submit the written permission of the Dean of his college for such an enrollment. The enrollee should be cognizant that what is being taught in four and one-half weeks or in nine weeks is normally taught in fifteen weeks.

ADMISSION AND REGISTRATION PROCEDURES

Students in good standing at Christopher Newport College will be admitted to the Summer Session by filing the Mail Registration Request Form, contained within this bulletin, in the Office of Continuing Studies prior to June 15, 1970, for Sessions A and/or C and prior to July 17, 1970, for Session B; or by appearing at the Office of Continuing Studies on Registration Night (June 17 for Sessions A and C; July 21 for Session B) between the hours of 5 p. m. and 8 p. m.

Students currently attending another accredited college may be admitted to the Summer Session upon filing in the Office of Continuing Studies a Certificate of Good Standing signed by the Registrar or Dean of that college. A form for this purpose is contained within this bulletin. In addition, the student must either submit the Mail Registration Form prior to June 15, 1970, for Sessions A and C, and prior to July 17, 1970, for Session B, or appear in person on Registration Night (June 17 for Sessions A and C; July 21 for Session B).

Persons not currently attending another accredited college but who have attended and are eligible to re-enroll at that college may be admitted to the Summer Session upon filing in the Office of Continuing Studies a Certificate of Good Standing signed by the Registrar or Dean of that College. A form for this purpose is contained within this bulletin. In addition, the person must either submit the Mail Registration Form prior to June 15, 1970, for Sessions A and C, and prior to July 17, 1970, for Session B, or appear in person on Registration Night (June 17 for Sessions A and C; July 21 for Session B) between the hours of 5 p. m. and 8 p. m.

Persons with no previous college experience but who are graduates of accredited secondary schools or hold Certificates of Equivalency may be admitted to the Summer Session by filing a statement of graduation or its equivalency in the Office of Continuing Studies. Questions 3 and 4 on *The Certificate of Good Standing* form in this bulletin are for this purpose. In addition, such persons must either submit the Mail Registration Form prior to June 15,

1970, for Sessions A and C, and prior to July 17, 1970, for Session B, or appear in person on Registration Night (June 17 for Sessions A and C; July 21 for Session B) between the hours of 5 p.m. and 8 p.m.

Late registration (that is, after Registration Night) for any course will be allowed until the beginning of the third class meeting of that course. Late Registration can be made through the Office of the Registrar.

Admission to the Summer Session does not constitute admission to the regular session of the College.

COURSE CHANGES, DROPS AND WITHDRAWALS

All course changes, drops and withdrawals must be made through the Office of the Registrar.

Students may make schedule and course changes up to the third meeting of a given course in any session.

Students may drop one of two or more courses without academic penalty until the date as stated in the calendar for that session in which the student is enrolled. After this date, students may drop the course passing or failing as indicated by the instructor.

Students may withdraw from ALL courses without academic penalty until the date as stated in the calendar for that session in which the student is enrolled. After this date, students who withdraw will receive a grade notation of "WP" (Withdrew Passing) or "WF" (Withdrew Failing).

Students who cease attending and do not *officially* withdraw will be assigned a grade of "F" in each course.

FINANCIAL INFORMATION

The tuition fee for credit courses is determined by the student's status (credit, audit) in a class. A student enrolled as a Credit Student will be charged a fee of \$18.00 per credit hour; a student enrolled as an Audit Student will be charged a fee of \$5.00 per credit hour. A student enrolled in a laboratory of natural science freshman level course will be charged a non-refundable \$15.00 laboratory fee. For example, a student enrolled for credit in English 101 is charged \$54.00; a student enrolled in Biology 101 is charged \$72.00 plus \$15.00 laboratory fee, amounting to \$87.00. For all non-credit courses a fee of \$54.00 is charged.

If registration is completed by mail, make check or money order payable to Christopher Newport College and send under separate cover to the Business Office. Do not mail checks or money orders to the Office of Continuing Studies.

Military personnel on active duty are urged to contact their base education officers for tuition assistance and information before coming to register.

Veterans, War Orphan, and Military Widows wishing to use their G. I. Bill benefits should call the local Veterans' Administration Office, 245-3521, for information before coming to register. The Certificate of Eligibility, VA Form 21E-1993, must be presented to the Director of Admissions who certifies enrollment of G. I. beneficiaries to the Veterans' Administration.

The College participates in *Master Charge* and can make available "sales draft" forms to those desiring this service. If paying by mail and if a card press is not available, this "sales draft" should be filled out in the following manner:

- (1) Use ballpoint pen
- (2) Record your name and address, your account number, and your account expiration date; and print *TUITION* in section marked DESCRIPTION; and sign "sales draft" on line marked CUSTOMER'S SIGNATURE (The signature must be that of the account holder).
- (3) Mail entire "sales draft" to the Business Manager who will complete the charge process and return the customer's copy to you.

Tuition and laboratory fees must be paid in full at the time of registration or satisfactory arrangements made with the Business Office before class attendance is permitted.

REFUNDS

The College considers all tuition and fees fully earned upon registration with few exceptions. Refunds may be made in the following situations and in the amounts indicated:

- (1) Students who have pre-registered for Summer School by mail or in person but withdrew from all courses before the regular registration date will receive a full refund minus a processing fee of \$5.00.
- (2) Students who register by mail or in person and withdraw *officially* after the regular registration date but prior to the third class meeting will receive a refund equal to 75% of tuition.
- (3) When the College cancels a class for any reason, all students enrolled in the class will receive a full refund.
- (4) No refunds will be given for unofficial drops or withdrawals. No refunds will be given for any drops or withdrawals made after the third class meeting.
- (5) No refunds will be given for laboratory fees.

CANCELLATION AND CLOSING OF CLASSES

The College reserves the right to cancel for academic and financial reasons any course which, in the opinion of the administration, lacks sufficient enrollment. Also, in order to insure high academic standards, the College reserves the right to close registration in a course or section of a course after maximum enrollment has been reached.

EXAMINATIONS

The examination given at the end of each session takes place at times announced on the calendar. Students are required to take all of their examinations at the time scheduled, unless excused by the Registrar.

The College does not authorize re-examinations.

TRANSCRIPTS

Transcripts are issued only upon the written request of the student, or his authorized agent, and should be requested at least one week prior to the date needed.

The College will issue one free transcript for each student. There is a charge of \$1.00 for each additional transcript. No transcript is sent until the fee due has been paid.

Transcripts given directly to students do not carry the College seal and are not official. The seal is attached when the transcript is sent directly from the College to another college or authorized agency.

The College reserves the right to send to schools of origin academic records of students and other information for the purpose of study.

THE HONOR SYSTEM

The essence of the Honor System is individual responsibility. It assumes that the principles of honorable conduct are familiar and dear to all students; it assumes that every student is deeply concerned with the strict observance of these principles, for his own sake, for the sake of his fellow students, and for the sake of the College.

PERSONNEL OF THE HONOR CODE COMMITTEE

The functions of the Honor System are administered by a committee of four students and two faculty members. This committee is appointed by the President of the College and is known as the Honor Code Committee.

PRACTICES

Upon matriculation, each student shall sign a statement to the effect that he understands what is expected of him under the honor system and that infraction of the Honor Code at any time during his student days is punishable by dishonorable dismissal from College. Infractions include cheating, stealing, lying, and failure to report an offence. A professor may require the signing of a formal pledge on any work, even though the initial pledge stands as long as the student is enrolled in the College.

The faculty will explain whether or not aid may be given or received on a particular assignment. Giving aid to any student or receiving aid without the consent of the professor in tests, quizzes, assignments, or examinations is cheating. All cheating, whether in tests, quizzes, assignments, or examinations, is a violation of the Honor Code.

Physical comfort, as well as usual practice, suggests that students shall occupy alternate seats during an examination. In consideration for others, students should not disturb a class by leaving the examination room except when necessary, or by remaining absent except for a brief period.

Since the student assumes the responsibility for the administration of the Honor System, the College does not practice supervision of examinations by proctors.

REPORTING A BREACH OF HONOR

Any person believing that a breach of the Honor Code has been committed should challenge the student accused of the act and offer him the opportunity to resign from the College immediately or to report himself to the Honor Code Committee (if the accused does not report himself to the Honor Code Committee, the accuser must report the case.)

For further details, the student is referred to *The Catalogue* of Christopher Newport College, 1969-70, pp. 29-31.

COURSES OF INSTRUCTION

The following descriptions are of courses which the College offers throughout the session. Courses numbered 100 are primarily for freshmen, 200 for sophomores, 300 for juniors, and 400 for seniors.

A "continuous course," indicated by a hyphen between the course numbers, covers a field of closely related materials, and the first semester must ordinarily precede the second, unless special permission is given by the chairman of the department concerned. If a course is made up of two closely related semesters, but the second may be taken first, the course numbers are separated by a comma.

Biology

101-102. *Principles of Biology*. Continuous course. Lectures three hours; laboratory four hours; four credits.

Basic principles of biology as revealed by research and experimentation; the relation of these principles to the success of living organisms.

201. *Embryology of Vertebrates*. Prerequisite: Biology 101-102. Lectures three hours, laboratory six hours; four credits.

Comparative description and analysis of development in representative vertebrate embryos; gametogenesis; development of amphibians, birds, and mammals.

216. *Invertebrate Zoology*. Prerequisite: Biology 101-102. Lectures three hours; laboratory six hours; four credits.

Morphology and ecology of representative invertebrates studied in field and laboratory.

302. *Introductory Marine Science*. Prerequisite: Biology 101-102, Chemistry 101-102. Lectures three hours; laboratory and field trips six hours; four credits.

Physical and chemical properties of hydrosphere; application of basic ecological principles to marine environment; history of oceanography.

Business

102. *Introduction to Business*. Lectures three hours; three credits.

This course explores and analyzes the broad area of business administration from the manager's perspective. Included will be a review of decision making, business resources, and the current business environment.

201, 202. *Principles of Accounting*. Continuous course; lectures two hours; laboratory two hours; three credits each semester.

A study of the elementary principles and procedures of individual proprietorship, partnership, and corporation accounting.

303-304. *Cost Accounting*. Continuous course; lectures three hours; three credits. Prerequisites: Business 201, 202.

The fundamentals of job order, process, and standard cost accounting and cost and profit analysis for decision making purposes. Use of problems is made.

341-342. *Business Law*. Continuous course. Lecture and discussion three hours, three credits each semester.

A study of the primary legal principles and their applicability to ordinary commercial transactions, with emphasis on contracts, legal forms of business enterprise, agencies, negotiable instruments and labor and antitrust legislation.

Chemistry

101-102. *General Chemistry*. Continuous course. Prerequisite: Satisfactory scores on the Chemistry Placement Test. Lectures three hours; laboratory four hours; four credits each semester.

The fundamental laws and principles of general chemistry. Second semester, qualitative analysis of the metallic ions in the laboratory.

Economics

201-202. *Principles of Economics*. Continuous course; lectures three hours; three credits each semester.

Students will analyze principles underlying economic organization and functioning. Analysis will include introduction to classical, neo-classical, and modern economic theory with added exposure to distribution and value theory. The economics of the firm will also be considered.

English and Speech

101-102. *Composition, Rhetoric, and Literature*. Continuous course; lectures three hours; three credits each semester.

A study of the basic principles of composition and rhetoric on the college level and an introduction to the major literary forms, with frequent themes arising from this study.

201, 202. *English Literature*. Lectures three hours; three credits each semester.

A survey of English literature, emphasizing the major writers and the dominant literary trends; first semester from *Beowulf* through Boswell and Johnson; second semester from Burns to the present.

203. *American Literature Before 1860*. Prerequisite: English 102 or 104; lectures three hours; three credits.

A survey of American literature before Whitman, emphasizing the major writers and the influences upon literature of the principal literary and philosophical movements.

204. *American Literature Since 1860*. Prerequisite: English 102 or 104. Second semester; lectures three hours; three credits.

The major authors from Whitman to the present studied with special emphasis on their relationship to the principal literary movements.

309. *English Literature of the Romantic Movement*; lectures three hours; three credits.
A critical and historical study of the major early Romantics (Blake, Burns, Wordsworth, and Coleridge) with attention also to the early Romantic novel, drama, and essay.
327. *Major World Dramas of the Twentieth Century*; lectures three hours; three credits.
A critical study of the great dramas produced in countries of the Western world (including England and America) since the beginning of the century.
426. *Milton*; lectures three hours; three credits.
An intensive study of Milton's poetry and prose, with due attention to the religious, political and literary milieu in which Milton wrote.
- Speech 101. *Public Speaking*; lectures three hours; three credits.
Study of techniques of public speaking; analysis of typical effective speeches; construction and delivery of original speeches of varying types for various purposes, such as clear explanation, conviction, and persuasion. Recommended for English majors.

Government and Politics

101. *Introduction to Government*. Lectures three hours; three credits.
An introduction to the study of political institutions and processes in the Western tradition. Includes ideologies, constitutionalism, and international affairs.
102. *The American Political Process*. Lectures three hours; three credits.
An investigation and analysis of the instruments of the national government of the United States and the historic pattern of Constitutional law upon which they rest.
321. *International Relations*. Lectures three hours; three credits.
Fundamental ingredients of international politics including nationalism, national power, diplomacy, balance of power, collective security, international organization, disarmament, and the Cold War.
322. *American Foreign Policy*. Lectures three hours; three credits.
A study of "National interest" in the development of American foreign policy, constitutional framework, presidential and congressional leadership, pressure groups and public opinion.
351. *Major Political Philosophies*. Lectures three hours; three credits.
Representative thinkers in the classical and modern tradition, including Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Burke.
396. *Constitutional Interpretation*. Lectures three hours; three credits.
The role of the Supreme Court of the United States in developing the constitution, using the case method with collateral reading.

Graphic Arts

- Graphic Arts 101. *Engineering Drawing*; laboratory six hours; three credits.
Fundamentals of Engineering Drawing. Geometric constructions, orthographic projections, auxiliary views. Normal, inclined, oblique and cylindrical surfaces. Sectioning. Machine parts such as threads, fasteners and spring. Dimensioning and lettering.
- Graphic Arts 102. *Descriptive Geometry*. Second semester; laboratory six hours; three credits.
Fundamentals of Descriptive Geometry. Graphic representation and solutions of space problems. Successive auxiliary views. Intersection of planes and surfaces. Development of surfaces.

History

101. *History of Europe*; lectures four hours; three credits.
The course gives a general introduction to the chief political, social, economic, and intellectual developments in European history from the eleventh to the eighteenth century. After a brief glance at the early Middle Ages, the course traces the rise of the main forces of the Middle Ages, the development of the Renaissance and the Reformation and concludes with the study of the seventeenth century.
102. *History of Europe*; lectures four hours; three credits. Prerequisite: History 101 or consent of instructor.
The course begins with a study of the rise of Russia and Prussia, the eighteenth-century Enlightenment, colonial rivalries, and the French Revolution. The nineteenth-century history of the European powers as a reflection of liberalism and nationalism is reviewed, setting the background of the Russian Revolution and World Wars I and II.
201. *American History*; lectures three hours; three credits.
The Colonial Period through the Civil War. Emphasis on period since 1776.
202. *American History*; lectures three hours; three credits.
Development of United States since 1865.
331. *Civil War and Reconstruction*. Prerequisite: History 201-202; lectures three hours; three credits.
The struggle for southern independence; state and national problems during Reconstruction.

333. *The United States Since 1919*. Lectures three hours; three credits.

Contemporary American history.

371-372. *History of Asia*. Continuous course. Prerequisite: History 101-102. Lectures three hours; three credits each semester.

First semester focuses on dominant role of Chinese civilization in Asia. Second semester deals with the opening of Asia to Western influences in the nineteenth century, the modernization of Asia, birth of Asian communism and Asia today.

391. *European History 1815-1914*. Continuous course. Prerequisite: History 101-102. Lectures three hours; three credits each semester.

History of Europe from Congress of Vienna to First World War.

Mathematics

101-102. *Algebra, Trigonometry and Analytic Geometry*. Continuous course. Prerequisites: two units of high school algebra required, one unit of plane geometry strongly recommended; acceptable score on placement test. Recommended for students preparing for career in pharmacy, dentistry, physical therapy, and for science majors not qualified for Mathematics 103. Grade of C or better in 101 required for enrollment in 102. Lectures three hours; three credits each semester.

First semester stresses algebra to include the number system, functions, equations and inequalities. Second semester continues with binomial theorem, sequences, trigonometry and analytic geometry in preparation for calculus.

103. *Pre-Calculus Mathematics*. Prerequisites: two units of high school algebra, including trigonometry; acceptable score on placement test. Lectures five hours; three credits.

A one-semester course designed for the student planning to take calculus, but who has little or no knowledge of analytic geometry and who needs a brief review of advanced algebra and trigonometry. Brief review of algebra and a thorough treatment of trigonometric functions, solution of triangles, identities, complex numbers, DeMoivre's Theorem, and basics of analytic geometry.

105-106. *Fundamental Concepts of Mathematics*. Continuous course. Minimum prerequisite: one unit of high school algebra; acceptable score on placement test. Lectures three hours; three credits each semester.

Basic concepts of mathematics, including sets, logical systems, the development of our number system, number bases, modular arithmetic, groups, introduction to algebra, graphing relations and functions, exponents, elementary geometry, elementary probability and statistics.

A terminal mathematics course for the non-science student. Suitable for prospective elementary and secondary teachers.

108. *Pre-Business Mathematics*. Recommended prerequisite: one unit of high school algebra. Lectures three hours; three credits.

A one-semester course designed for business majors. Emphasis on basic algebra and elementary trigonometry, particularly as they may apply to business finance and computations.

201-202. *Calculus with Analytic Geometry*. Continuous course. Prerequisite: Mathematics 101-102 or Mathematics 103 or consent of the instructor. (Entering freshmen with superior backgrounds in algebra and trigonometry should begin with Mathematics 201). Lectures three hours; three credits each semester.

Basic analytics, rate of change of a function, limits, derivatives, significance of higher derivatives, maxima and minima, Mean Value Theorem, and polar coordinates. Integrations, transcendental and hyperbolic functions and methods of integration.

220. *Elementary Statistics*. Prerequisites: Mathematics 101-102 or 105-106, or 103, or 108. Offered each semester; three hours; three credits. For nonmathematics majors in psychology, biology, chemistry, and business. Basic methods of statistics, with emphasis on application, computational methods and probability. It includes instruction in the use of desk calculators.

230. *Elementary Computer Programming*. No prerequisites. Lectures three hours; three credits.

Introduction to basic computer concepts and programming languages. Principles of digital computers emphasized will include terminology, numerical systems, storage media, and input-output devices.

250. *Scientific Data Processing*. Prerequisites: Mathematics 230; lectures three hours; three credits. Designed for students majoring in mathematics, engineering, or one of the sciences, including psychology.

This course has a higher mathematics level than Mathematics 240. Students enrolling in the course would have completed a year of college mathematics. Only electronic data processing will be discussed, using FORTRAN IV as the programming language. Students will be assigned programs from the fields of the sciences, engineering, statistics, and related area. Each student will complete one major project of his choice, the subject depending upon his major field of study.

301. *Differential Equations*. Prerequisite: Mathematics 202. Lectures three hours; three credits.

An exposition of methods for solving differential equations with applications to geometry, physics, and mechanics. Includes integration in series and numerical approximations.

MODERN LANGUAGES

French

101-102. *Elementary French*. Continuous course; lectures four hours; four credits each semester.

An introduction to the French language, with emphasis on reading, writing, speaking and listening comprehension.

201. *Intermediate French*. Prerequisite: two high school units or the equivalent; lectures three hours; three credits.

A review of grammatical structure, with further development of reading, writing, speaking, and listening comprehension skills.

202. *Readings in Modern French Literature*. Prerequisite: three high school units or French 201 or the equivalent; lectures three hours; three credits.

Selected readings from the literature of the nineteenth and twentieth centuries. Lectures, discussions, and reports. The course will be conducted chiefly in French.

German

101-102. *Elementary German*. Continuous course; lectures four hours; four credits each semester.

An introduction to the German language, with emphasis on reading, writing, speaking, and listening comprehension.

201. *Intermediate German*. Prerequisite: two high school units or the equivalent. First semester; lectures three hours; three credits.

A review of grammatical structures with further development of reading, writing, speaking, and listening comprehension skills.

202. *Readings in Masterpieces of German Literature*. Prerequisite: three high school units or German 201 or the equivalent. Second semester; lectures three hours; three credits.

Selected readings from the masterpieces of German literature. Lectures, discussions, and reports. Conducted chiefly in German.

Spanish

101-102. *Elementary Spanish*. Continuous course; lectures four hours; four credits each semester.

An introduction to the Spanish language, with emphasis on reading, writing, and listening comprehension.

201. *Intermediate Spanish*. Prerequisite: two high school units or the equivalent; lectures three hours; three credits.

A review of grammatical structure, with further development of reading, writing, speaking, and listening comprehension skills.

202. *Readings in Modern Spanish Literature*. Prerequisite: three high school units or Spanish 201 or the equivalent; lectures three hours; three credits.

Selected readings from the literature of the nineteenth and twentieth centuries. Lectures, discussions, and reports. Conducted chiefly in Spanish.

Philosophy

201. *The History of Philosophy*. Lectures three hours; three credits.

An historical introduction to philosophy with special readings in the philosophies of the Pre-Socratics, Plato, Aristotle, the Stoics and Epicureans and St. Thomas Aquinas. The nature of philosophy and the basic philosophic problems will be discussed through these writers as well as the political and cultural settings out of which these philosophies evolved.

202. *The History of Philosophy*; lectures three hours; three credits. Prerequisite: Philosophy 201.

An historical introduction to modern philosophy with readings in Descartes, Locke, Berkeley, Hume and Schopenhauer. The philosophical writings of these men will be studied not only for their own worth, but as a means of acquainting the student with the nature of philosophy and the basic philosophical quest. Some time will be given to the political and cultural milieu out of which these philosophies came.

Phys. Ed.

321. *Foundations of Health Education*. Lectures three hours; three credits.

Instructional concepts applicable to health education for various age levels, organization of classes, selection of content and evaluation of outcomes. Survey of State Department publications and other resource material.

Physics

101. *General Physics*. Prerequisites Mathematics 201 (May be taken concurrently with permission of instructor). Lectures four hours; laboratory two and one-half hours; four credits each semester.

Survey course in physics for science, mathematics or engineering students. First semester; mechanics, heat and sound.

Psychology

201. *Principles of Psychology*; Lectures three hours; three credits.

Basic principles of behavior according to the categories of general psychology; motivation, learning, maturation, emotion, thinking, perception, intelligence, and the organization of personality. Prerequisite for further work in the field of psychology.

202. *Contemporary Psychology*. Prerequisite: Psychology 201. three hours; three credits.

A continuation of the introduction to psychology through the study of original literature in various fields.

203. *Psychology of Adjustment*. Prerequisite: Psychology 201; seminars three hours; three credits.

An examination of research and literature concerning the interaction between the individual and persons and events in his bio-social environment.

307. *Developmental Psychology*. Prerequisite: Psychology 201; lectures three hours; three credits.

A study of data and theory concerning the development of the individual from infancy to maturity, including cognitive, physiological, and affective processes.

312. *Educational Psychology*. Prerequisite: Psychology 201; lectures three hours; three credits. This is the same course as Education 312.

The application of psychological facts, principles, and methods to learning in the classroom including skill development in evaluation of student performance as an aid to learning and teaching.

403. *Abnormal Psychology*. Prerequisite: Psychology 201; lectures three hours; three credits.

A survey of behavior pathology emphasizing the neuroses and the functional psychoses and their relationship to current conceptions of normal personality functioning.

407. *Introduction to Personality*. Prerequisite: Psychology 201; lectures three hours; three credits.

Individual differences in personality dynamics and various interpretations of personality development.

409. *Senior Seminar*. Prerequisite: Senior psychology major; seminars two hours; two credits.

Topical seminars to cover a variety of areas: perception, animal learning, human learning, language and thought, psychological testing, and great psychologists. Senior concentrators are required to take two seminars. These seminars are limited to senior concentrators.

Sociology

201-202. *Introduction to Sociology*. Continuous course. Lectures three hours; three credits each semester.

An introduction to the study of human society. The basic concepts of society, culture, personality, social organization and their relationship to one another are developed in the first semester. In the second semester, these concepts are used to examine and analyze the major social institutions as well as social class, social interaction, and social change.

326. *Racial and Cultural Minorities*; lectures three hours; three credits.

A study of minority problems and race issues in the modern world; problems of integration; trends of change.

422. *Contemporary Sociological Theory*; lectures three hours; three credits. Prerequisite: Sociology 201-202 or by permission of instructor.

The development of sociological thought during the nineteenth and twentieth century. Current writings in sociological theory.

NON-CREDIT COURSES OF INSTRUCTION

Reading

001. *Efficient Reading*. The course includes lectures and practice in rate, organizing vocabulary, critical reading, drawing inferences and conclusions, visualization, figurative language, textbook study, and lecture note-taking. It is geared to the ability of the students enrolled in the class.

**OFFICE OF CONTINUING STUDIES
CHRISTOPHER NEWPORT COLLEGE
Newport News, Virginia
CLASS SCHEDULE — SUMMER SESSION 1970**

Explanation of abbreviations:

G — Gosnold Hall
C — Christopher Newport Hall
J — John Smith Library
P — Pre-professional Building

Session:

A — June 18, 1970 - July 20, 1970
B — July 22, 1970 - August 21, 1970
C — June 18, 1970 - August 21, 1970

<i>Course Number</i>	<i>Title of Course</i>	<i>Credit Hours</i>	<i>Class Hours</i>	<i>Days</i>	<i>Room</i>	<i>Session</i>
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Biology

101-1	Principles of Biology	4	8 A.M. - 1 P.M.	MTWThF	G106	A
101-2	Principles of Biology	4	7 P.M. - 10:10 P.M.	MTWTh	G106	C
102	Principles of Biology	4	8 A.M. - 1 P.M.	MTWThF	G106	B
201	Embryology of Vertebrates	4	7 P.M. - 10:30 P.M.	MTTh	G108	C
216	Invertebrate Zoology	4	9 A.M. - 3 P.M.	TTh	G108	C
302	Introductory Marine Science	4	7 P.M. - 10:30 P.M.	MW	G200	C

Business

102	Introduction to Business	3	8 P.M. - 10:30 P.M.	TTh	P202	C
201-1	Principles of Accounting	3	8 P.M. - 10:30 P.M.	MW	P222	C
201-2	Principles of Accounting	3	8 P.M. - 10:30 P.M.	MW	P220	C
201-3	Principles of Accounting	3	5:15 P.M. - 7:45 P.M.	MTWTh	P109	A
202-1	Principles of Accounting	3	8 P.M. - 10:30 P.M.	TTh	P222	C
202-2	Principles of Accounting	3	8 P.M. - 10:30 P.M.	TTh	P220	C
202-3	Principles of Accounting	3	5:15 P.M. - 7:45 P.M.	MTWTh	P109	B
303	Cost Accounting	3	8 P.M. - 10:30 P.M.	MTWTh	C210	A
304	Cost Accounting	3	8 P.M. - 10:30 P.M.	MTWTh	C210	B
341	Business Law	3	5:15 P.M. - 7:45 P.M.	MTWTh	P202	A
342	Business Law	3	5:15 P.M. - 7:45 P.M.	MTWTh	P202	B

Chemistry

101	General Chemistry	4	8 A.M. - 1 P.M.	MTWThF	G103	A
102	General Chemistry	4	8 A.M. - 1 P.M.	MTWThF	G103	B

Economics

201-1	Principles of Economics	3	8 A.M. - 10 A.M.	MTWThF	P103	A
201-2	Principles of Economics	3	5:15 P.M. - 7:45 P.M.	TTh	P103	C
202-1	Principles of Economics	3	8 A.M. - 10 A.M.	MTWThF	P103	B
202-2	Principles of Economics	3	8 P.M. - 10:30 P.M.	TTh	P221	C

ENGLISH AND SPEECH

English

101-1	Composition, Rhetoric, Literature	3	11 A.M. - 12:40 P.M.	MWF	P124	C
101-2	Composition, Rhetoric, Literature	3	5:15 P.M. - 7:45 P.M.	MW	P126	C
101-3	Composition, Rhetoric, Literature	3	8 P.M. - 10:30 P.M.	MW	P124	C
102-1	Composition, Rhetoric, Literature	3	5:15 P.M. - 7:45 P.M.	TTh	P126	C
102-2	Composition, Rhetoric, Literature	3	8 P.M. - 10:30 P.M.	TTh	P124	C

Speech

101	Public Speaking	3	5:15 P.M. - 7:45 P.M.	TTh	G103	C
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English

201	English Lit. through Samuel Johnson	3	10:10 A.M. - 12:10 P.M.	MTWThF	P202	A
202	English Lit. from Burns to the Present	3	10:10 A.M. - 12:10 P.M.	MTWThF	P202	B
203	American Literature to 1860	3	5:15 P.M. - 7:45 P.M.	MTWTh	C110	A
204	American Literature from 1860	3	5:15 - 7:45 P.M.	MTWTh	C110	B
309	Eng. Lit. of the Romantic Period, 1	3	5:15 P.M. - 7:45 P.M.	TTh	P124	C
327	Major World Dramas of the Twentieth Century	3	8 P.M. - 10:30 P.M.	TTh	P109	C
426	Milton	3	11:00 A.M. - 1:00 P.M.	MTWThF	P222	B

Government and Politics

101-1	Introduction to Government	3	10:10 A.M. - 12:10 P.M.	MTWThF	J100	A
101-2	Introduction to Government	3	5:15 P.M. - 7:45 P.M.	MW	J100	C
102-1	The American Political Process	3	10:10 A.M. - 12:10 P.M.	MTWThF	J100	B
102-2	The American Political Process	3	5:15 P.M. - 7:45 P.M.	TTh	J100	C
321	International Relations	3	10:10 A.M. - 12:10 P.M.	MTWThF	P203	A
322	American Foreign Policy	3	10:10 A.M. - 12:10 P.M.	MTWThF	P203	B
351	Major Political Philosophies	3	8 P.M. - 10:30 P.M.	MW	J100	C
396	Constitutional Interpretation	3	8 P.M. - 10:30 P.M.	TTh	J100	C

Graphic Arts

101	Engineering Drawing	3	7 P.M. - 10:30 P.M.	MTWTh	G208	A
101	Descriptive Geometry	3	7 P.M. - 10:30 P.M.	MTWTh	G208	B

History

101	History of Europe to 1700	3	10:10 A.M. - 12:10 P.M.	MTWThF	J200	A
102	History of Europe since 1700	3	10:10 A.M. - 12:10 P.M.	MTWThF	J200	B
201-1	American History to 1864	3	8 A.M. - 10 A.M.	MTWThF	J200	A
201-2	American History to 1864	3	5:15 P.M. - 7:45 P.M.	MTWTh	J200	A
202-1	American History from 1864	3	8 A.M. - 10:00 A.M.	MTWThF	J200	B
202-2	American History from 1864	3	5:15 P.M. - 7:45 P.M.	MTWTh	J200	B
331	Civil War and Reconstruction	3	10:10 A.M. - 12:10 P.M.	MTWThF	P220	B
333	The United States since 1919	3	10:10 A.M. - 12:10 P.M.	MTWThF	P220	A
371	History of Asia	3	8 P.M. - 10:30 P.M.	MTWTh	J200	A
372	History of Asia	3	8 P.M. - 10:30 P.M.	MTWTh	J200	B
391	European History, 1815-1914	3	5:15 P.M. - 7:45 P.M.	MTWTh	P220	A

Mathematics

101-1	Algebra, Trigonometry, and Analytic Geometry	3	11:00 A.M. - 1:00 P.M.	MTWThF	P126	A
101-2	Algebra, Trig., & Analytic Geometry	3	8:00 P.M. - 10:30 P.M.	MW	P126	C
102-1	Algebra, Trig., & Analytic Geometry	3	11:00 A.M. - 1:00 P.M.	MTWThF	P126	B
102-2	Algebra, Trig., & Analytic Geometry	3	8 P.M. - 10:30 P.M.	TTh	P126	C
103	Pre-Calculus Mathematics	3	8 A.M. - 10 A.M.	MTWThF	P109	A
105	Fundamentals of Mathematics	3	8 P.M. - 10:30 P.M.	MW	P109	C
108	Pre-Business Mathematics	3	8 P.M. - 10:30 P.M.	TTh	P203	C
201-1	Calculus with Analytic Geometry	3	8 A.M. - 10 A.M.	MTWThF	P109	B
201-2	Calculus with Analytic Geometry	3	8 P.M. - 10:30 P.M.	TTh	P221	C
202	Calculus	3	8 P.M. - 10:30 P.M.	MW	P203	C
220	Elementary Statistics	3	8 P.M. - 10:30 P.M.	MW	P221	C
230	Elementary Computer Programming	3	5:15 P.M. - 7:45 P.M.	MW	C107	C
250	Scientific Data Processing	3	8 P.M. - 10:30 P.M.	MW	C107	C
301	Differential Equations	3	8 P.M. - 10:30 P.M.	MW	P126	C

MODERN LANGUAGES

French

101	Elementary French	4	8 A.M. - 10:40 A.M.	MTWThF	P222	A
102	Elementary French	4	8 A.M. - 10:40 A.M.	MTWThF	P222	B
201	Intermediate French	3	5:15 P.M. - 7:45 P.M.	MTWTh	G102	A
202	Readings in Modern French Literature	3	5:15 P.M. - 7:45 P.M.	MTWTh	G102	B

German

101	Elementary German	4	8 A.M. - 10:40 A.M.	MTWThF	P124	A
102	Elementary German	4	8 A.M. - 10:40 A.M.	MTWThF	P124	B
201	Intermediate German	3	10:10 A.M. - 12:10 P.M.	MTWThF	G202	A
202	Intermediate German	3	10:10 A.M. - 12:10 P.M.	MTWThF	G202	B

Spanish

101-1	Elementary Spanish	4	10:10 A.M. - 12:50 P.M.	MTWThF	P221	A
101-2	Elementary Spanish	4	7 P.M. - 9:20 P.M.	MTTh	G202	C
102	Elementary Spanish	4	10:10 A.M. - 12:50 P.M.	MTWThF	P221	B
201	Intermediate Spanish	3	8 A.M. - 10 A.M.	MTWThF	P126	A
202	Readings in Modern Spanish Lit.	3	8 A.M. - 10 A.M.	MTWThF	P126	B

Philosophy

201	History of Philosophy to St. Thomas Aquinas	3	5:15 P.M. - 7:45 P.M.	MTWTh	P222	A
202	History of Philosophy from Descartes to Schopenhauer	3	5:15 P.M. - 7:45 P.M.	MTWTh	P222	B

Physical Education

321	Foundations of Health Education	3	5:15 P.M. - 7:45 P.M.	MW	P203	C
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Physics

101	General Physics	4	7 P.M. - 10:10 P.M.	MTWTh	G204	C
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Psychology

201-1	Principles of Psychology	3	8 A.M. - 10 A.M.	MTWThF	G101	A
201-2	Principles of Psychology	3	5:15 P.M. - 7:45 P.M.	MW	G101	C
202-1	Contemporary Psychology	3	8 A.M. - 10 A.M.	MTWThF	G101	B
202-2	Contemporary Psychology	3	8 P.M. - 10:30 P.M.	MW	C110	C
203	Psychology of Adjustment	3	5:15 P.M. - 7:45 P.M.	MW	P124	C
307	Development Psychology (Human Growth and Development)	3	8:00 A.M. - 10:00 A.M.	MTWThF	P202	A
312-1	Educational Psychology	3	5:15 - 7:45 P.M.	TTh	G101	C
312-2	Educational Psychology	3	8 P.M. - 10:30 P.M.	TTh	G101	C
403	Abnormal Psychology	3	8 P.M. - 10:30 P.M.	TTh	P103	C
407	Introduction to Personality	3	10:10 A.M. - 12:30 P.M.	MTWTh	P109	A
409	Psychology Seminar	2	7 P.M. - 10:30 P.M.	Th (Counseling Of.)		C

Sociology

201-1	Introduction to Sociology	3	8 A.M. - 10 A.M.	MTWThF	C110	A
201-2	Introduction to Sociology	3	8 P.M. - 10:30 P.M.	MW	P103	C
202	Introduction to Sociology	3	8 A.M. - 10 A.M.	MTWThF	C110	B
326	Racial and Cultural Minorities	3	8 P.M. - 10:30 P.M.	TTh	C110	C
422	Contemporary Sociological Theory	3	11:00 A.M. - 1:00 P.M.	MTWThF	P222	A

NON-CREDIT COURSES OF INSTRUCTION

Reading (special calendar: course begins June 18; ends August 5)

001-1	Efficient Reading	8 A.M. - 9:50 A.M.	MWF	P203	C
001-2	Efficient Reading	5:15 P.M. - 7:45 P.M.	TTh	P203	C

SCHEDULE OF PLACEMENT TESTS

JUNE 15, 1970—GOSNOLD HALL

Modern Languages	9:00 A.M.
Reading	11:00 A.M.
Math-Science	12:30 P.M.

**OFFICE OF CONTINUING STUDIES
CHRISTOPHER NEWPORT COLLEGE
Mail Registration Request Form — Summer Session**

DATE....., 19.....
SOCIAL SECURITY NUMBER.....

NAME (PRINT)

Mr.

Mrs.

Miss

LAST

FIRST

MIDDLE/MAIDEN (IF MARRIED)

Street Address.....City.....

State.....Zip Code.....Phone: Home.....

Business.....

Date of Birth.....Sex.....

Month

Day

Year

If in military service: Rank or rate

Unit.....Post or Station.....

* * * * *

I wish to register for the following course (s) for the Summer Session 19.....:
Name and Number of Course Section Number Sem. Hrs. Days Times Session

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.....
.....

Total Semester Hours Credit @\$18.00 per hour..... Amount.....

Total Semester Hours Audit @\$5.00 per hour..... Amount.....

Laboratory Fee (s) @\$15.00 per freshman natural science courseffi... Amount.....

Check/Money Order sent to the BUSINESS OFFICE to TOTAL AMOUNT OF \$.....
(MAKE CHECK/MONEY ORDER PAYABLE TO CHRISTOPHER NEWPORT COLLEGE)
COMPLETE ANY OF THE FOLLOWING WHICH MAY APPLY TO YOU:

1. Have you ever attended Christopher Newport College? Yes..... No.....
If yes, check the appropriate spaces below:

Day Evening..... Summer Year.....

Degree Candidate..... Unclassified.....

2. Have you ever attended another college? Yes..... No.....

Name of school.....

Date of last attendance.....

Are you eligible to re-enroll: Yes..... No.....

3. If you have never attended college, answer below:

.....High School Graduate..... Date of Graduation

.....Graduating High School Senior..... Date of Expected

Graduation

Have you taken high school equivalency tests?YesNo

4. Have you been accepted as a degree candidate at Christopher Newport College for the
fall semester 1970?YesNo

NOTE: Admission to Summer Session is always contingent upon good standing at the time
of enrollment. Evidence to the contrary will result in cancellation of the student's
registration with no refund of tuition. If there is any doubt about your standing, please
contact the Director of Continuing Studies.

MAIL APPLICATION TO:
DIRECTOR OF CONTINUING STUDIES
CHRISTOPHER NEWPORT COLLEGE
P. O. BOX 6070
NEWPORT NEWS, VIRGINIA 23606

MAIL CHECK/MONEY ORDER TO:
BUSINESS MANAGER
CHRISTOPHER NEWPORT COLLEGE
P. O. BOX 6070
NEWPORT NEWS, VIRGINIA 23606

OFFICE OF CONTINUING STUDIES
CHRISTOPHER NEWPORT COLLEGE
Newport News, Virginia
SUMMER SESSION
CERTIFICATE OF GOOD STANDING

THIS FORM IS REQUIRED OF ANY STUDENT NOT CURRENTLY ENROLLED AT OR
ADMITTED TO CHRISTOPHER NEWPORT COLLEGE

NAME (PRINT)
Mr.

Mrs. _____
Miss Last First Middle/Maiden (If Married)

Street Address _____

City _____ State _____ Zip Code _____

COMPLETE EITHER 1, 2, 3, OR 4. THE STUDENT WHOSE NAME APPEARS ABOVE:

1. Was a student at, and is entitled to honorable dismissal from _____
_____. (College or University).
2. Is a student in good standing at _____
College or University
and is eligible to continue (his) (her) course here, and is recommended for admission to
the Christopher Newport College Summer Session. If, subsequent to the issuance of this
certificate, the student becomes ineligible for recommendation, the College will notify the
Director of Continuing Studies.

PERMISSION IS GRANTED FOR THIS STUDENT TO TAKE FOLLOWING COURSES:

DATE _____
(SIGNATURE OF DEAN OR REGISTRAR)

3. Is a student in good standing at _____
High School and is planning to graduate before the Summer Session begins.

4. (a) Was graduated from _____ High School on _____
(b) Was awarded Equivalency Diploma by _____ (Certifying Agency)

DATE _____
(SIGNATURE OF PRINCIPAL
or Representative of Certifying Agency)

THIS FORM SHOULD BE COMPLETED AND MAILED TO:

DIRECTOR OF CONTINUING STUDIES
CHRISTOPHER NEWPORT COLLEGE
P. O. BOX 6070
NEWPORT NEWS, VIRGINIA 23606

CHRISTOPHER NEWPORT COLLEGE

P. O. Box 6070

Newport News, Virginia 23606