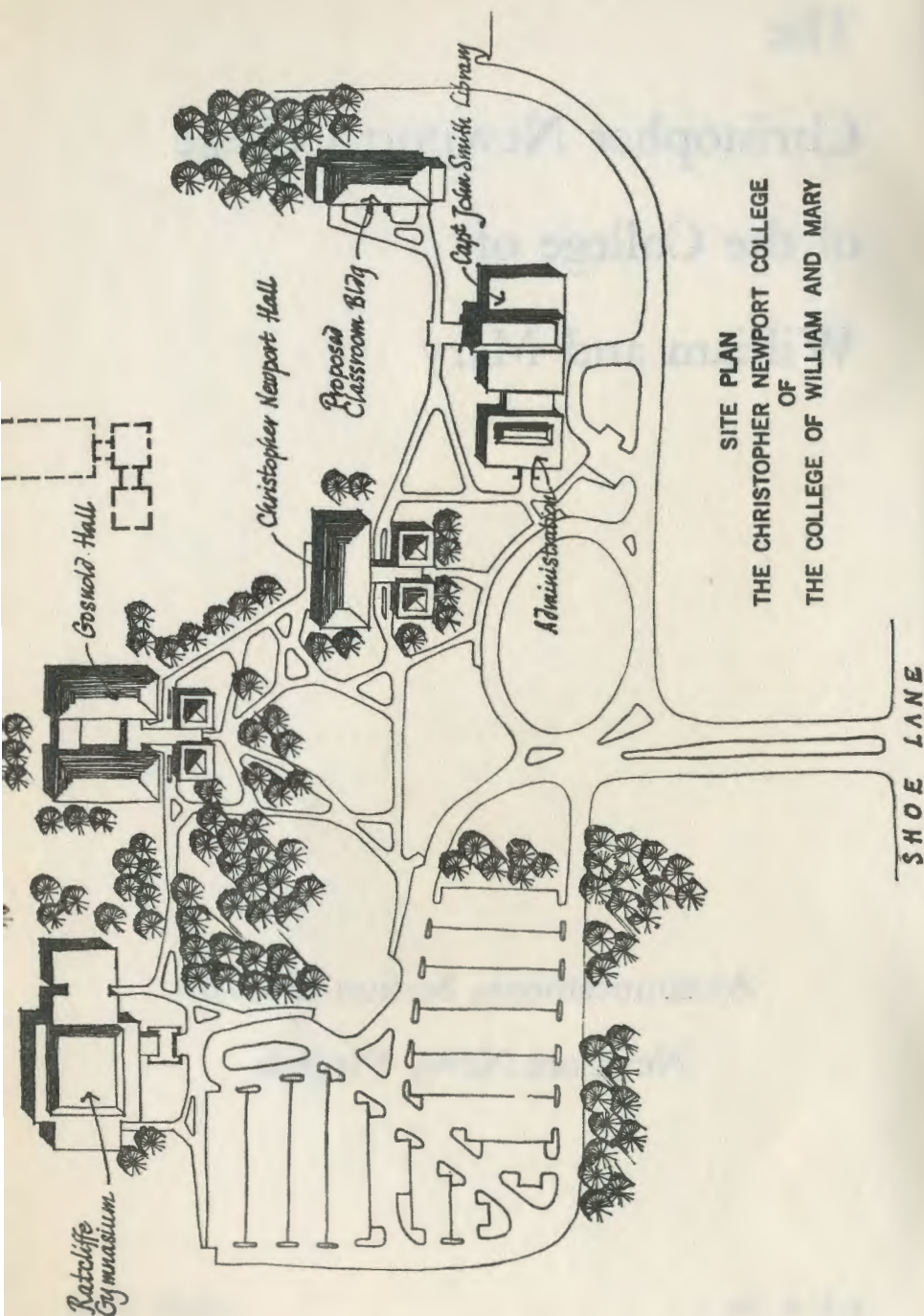


The  
Christopher Newport College  
of the College of  
William and Mary

Announcements, Session 1968-69

Newport News, Virginia



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# CALENDAR

1968

1969

JANUARY

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# COLLEGE CALENDAR

1968-69

## 1968

## First Semester

- September 9-10 ..... Orientation (Monday and Tuesday)
- September 11 ..... Registration (Wednesday)
- September 12 ..... Beginning of Classes: 8:00 a.m. (Thursday)
- October 23 ..... Last day for dropping a class without a penalty of failing grade. (Wednesday)
- October 31 ..... Mid-semester Reports filed with Registrar: 9:00 a.m. (Thursday)
- November 6 ..... Deadline for withdrawal without grade notation WP or WF. (Wednesday)
- November 27 ..... Beginning of Thanksgiving Holiday: 5:00 p.m. (Wednesday)
- December 2 ..... End of Thanksgiving Holiday: 8:00 a.m. (Monday)
- December 18 ..... Beginning of Christmas Recess: 5:00 p.m. (Wednesday)

## 1969

- January 6 ..... End of Christmas Recess: 8:00 a.m. (Monday)
- January 14 ..... End of Classes: 5:00 p.m. (Tuesday)
- January 15 ..... Pre-Examination Period (Wednesday)
- January 16-25 ..... Mid-Year Examinations (Thursday through Saturday)

## Second Semester

- February 3 ..... Registration (Monday)
- February 4 ..... Beginning of Classes: 8:00 a.m. (Tuesday)
- March 14 ..... Last day for dropping a class without penalty of failing grade. (Friday)
- March 26 ..... Mid-semester Reports filed with Registrar: 9:00 a.m. (Wednesday)
- April 1 ..... Beginning of Spring Recess: 5:00 p.m. (Tuesday)
- April 9 ..... Deadline for withdrawal without grade notation WP or WF. (Wednesday)
- April 9 ..... End of Spring Recess: 8:00 a.m. (Wednesday)
- May 24 ..... End of Classes: 12 noon. (Saturday)
- May 26-June 3 ..... Final Examination Period (Monday through Tuesday)
- June 6 ..... Commencement (Friday)



## THE BUILDINGS

The development of a master site plan, including facilities to accommodate 2,200 students by 1970, is well under way. In September 1964 the College moved into a new classroom and administration building on its 75-acre campus located in suburban Newport News, and in September 1965 it opened a science facility adjacent to the first classroom building. In addition there are a physical education building and a library building which opened in September 1967. A wing of the library building has been constructed for administrative office use.

## THE LIBRARY

The library of Christopher Newport College contains approximately 21,000 volumes catalogued according to the Dewey Decimal System and housed on open shelves. Of this number, approximately 1,900 volumes are reference books, 1,800 are bound volumes of periodicals and 17,500 are circulating books. The library receives 205 current periodicals and 8 daily newspapers.

The new library, Captain John Smith Hall, was opened in the fall of 1967. The new library building is completely air conditioned and includes a reference room, 2 reading-stack rooms, a browsing area and an open-air reading deck. The library has a seating capacity of 170.

The library hours are as follows:

Monday-Thursday	—8:00 a.m. to 9:45 p.m.
Friday	—8:00 a.m. to 5:00 p.m.
Saturday	—8:00 a.m. to 12:00 noon
Sunday	—1:00 p.m. to 5:00 p.m.



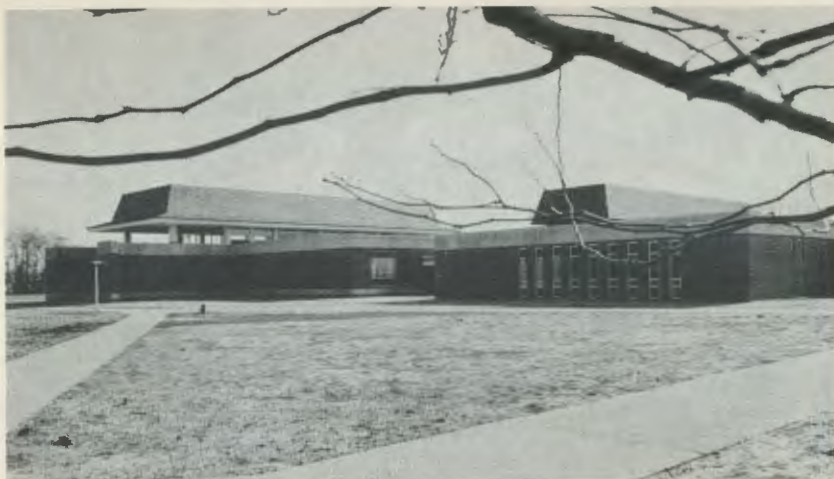
RATCLIFFE GYMNASIUM—INTERIOR SHOT



GOSNOLD HALL

CHRISTOPHER NEWPORT HALL





CAPTAIN JOHN SMITH LIBRARY  
AND ADMINISTRATION BUILDING



CAMPUS SCENE

## GENERAL INFORMATION

The Christopher Newport College of the College of William and Mary was established and duly authorized by the General Assembly of Virginia in its 1960 session. The College receives its support from the General Assembly, from the community, and from the fees paid by the students enrolled.

The affairs of the College are directed by the Board of Visitors of the College of William and Mary. This board is appointed by the Governor of the Commonwealth of Virginia. A Director, appointed by the Board of Visitors, is in charge of the actual administration and courses of instruction at the College.

The Christopher Newport College derives its name from that of Captain Christopher Newport, the illustrious English mariner and one of the most important men connected with the permanent settling of Virginia. It was he who was put in "chief command and control" of the small squadron of three vessels, the *Discovery*, the *Godspeed*, and the *Susan Constant*, which made the historic voyage culminating with the landing at Jamestown in 1607.

For many years it was believed without question that Newport News took its name from Captain Newport. Among the most widely accepted versions is that he commanded either a vessel or the entire fleet that arrived at Old Point on June 6, 1610, bringing Lord De La Warr, the "Captain-General and Governor-in-Chief of Virginia," at the moment the starving colonists had embarked at Jamestown with the intention of abandoning the Colony. The story tells of Captain Newport's meeting the colonists at Mulberry Island (some give the point afterward called Newport's News as the place of meeting) and that his news of the arrival of three vessels with a plentiful supply of provisions and one hundred fifty men caused the colonists to turn back to Jamestown and in gratitude to name the point of meeting Newport's News.

Despite the lack of complete documentation of the facts concerning the naming of Newport News, it is appropriate and fitting that an institution of higher learning located in such an historic setting should derive its name from one who contributed so much to the early history and survival of the area.



## PURPOSE AND PROGRAMS

The purpose of Christopher Newport College is to afford opportunities of an academic and a community service nature beyond the high school level to a geographical area of Virginia which has undergone in the past decade one of the largest population explosions in the United States. In addition it is the purpose of the College to provide course work in the arts and sciences through two years generally and in some selected areas through three years for students desiring to enter senior institutions at junior and senior levels. Community service programs are typified by the College's educational arrangement with the nursing school at Riverside Hospital and the summer session pre-college seminar which is offered on a non-credit basis to students who have finished the junior or senior year of high school and wish to secure strong foundations in the areas of reading, literature, mathematics and psychology. Also in this particular aspect of community service the College has offered non-credit course work for the past two years on a contract basis with the National Aeronautics and Space Administration.

The transfer programs described in this bulletin include preparation for further training leading to degrees in the arts and sciences, in engineering, business, medicine, dentistry and public health service.

Courses in the transfer program will, on the basis of parallel content, be accepted at face value at the College of William and Mary in Williamsburg. Students who expect to complete their undergraduate training at another institution are urged to study carefully the degree requirements of that particular institution in order that they may more appropriately plan their program at Christopher Newport College.

The College of William and Mary will grant credit on a parallel course content basis up to 90 semester hours or three full years of work. This acceptance of credit through three years of college work will in a like manner quite naturally apply to other institutions which regularly accept Christopher Newport College students in transfer.

Christopher Newport College in September, 1962, initiated a program of evening meetings of courses designed to serve the needs of residents of Tidewater communities and military personnel stationed in the area and to enable them to obtain residence credits which might be applied toward a degree at Christopher Newport College or at other accredited institutions.

## THE FUTURE

The Board of Visitors in January 1968 expressed the policy view "that Christopher Newport College should and will attain the goal of a four-year, undergraduate, degree-granting institution." Presumably, the Board of Visitors in the near future will detail an exact schedule for this development of the College.

## 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 Director 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.)



In such cases where a direct challenge is not feasible, he may report the suspect directly to any member of the Honor Code Committee who will in turn notify the accused of the accusation against him.

### **TRIAL OF THE ACCUSED**

A student accused of a breach of the Honor Code shall be entitled to know the charges against him, the evidence given, and to be confronted by the witnesses.

The accused shall have a right to ask any member of the Honor Code Committee, who will not be a witness (except the Chairman) to be his counsellor.

At the trial the accused shall be at liberty to say what he chooses in his own defense.

### **Duties of the Honor Code Committee**

At the trial of the case, the presiding officer of the Honor Code Committee shall conduct the meeting. Minutes of the trial shall be kept by the Secretary. These minutes shall be the property of the Committee, whose duty it shall be to see that they are stored in the College vaults.

### **Witnesses**

A witness called to testify must appear before the Honor Code Committee and must give such testimony pertaining to the case as may be requested by the Committee. Lying before the Honor Code Committee is in itself a violation of the Honor Code.

### **Minutes**

The minutes of any trial may be inspected in the presence of two or more members of the Honor Code Committee by persons satisfying the Committee of their legitimate interest in the case. In the event that the accused is declared innocent, the minutes of the trial shall be destroyed.

### **Failure to Stand Trial**

Should the accused leave the College without appearing before the Honor Code Committee for trial, the accuser shall report the name of the accused and the breach of honor to the presiding officer of the Honor Code Committee. The Committee shall then record the facts of the case and advise the Director of the College that the student withdrew under suspicion of a breach of honor.

### **PENALTY FOR A BREACH OF HONOR**

A violation of the Honor Code is punishable by dismissal from College. The essential basis of the Honor System is that all honor is indivisible and as such calls for the same treatment; but the penalty may be modified when in the opinion of the Committee conclusive reasons for doing so exist.

If, after trying a case, five of the six members of the Honor Code Committee are convinced of the guilt of the accused and so cast their votes in a secret ballot, the Committee shall immediately report its findings and recommendations to the Director of the College.

Penalties shall be imposed promptly, and in the case of dismissal, the Director of the College shall have the parents informed and shall have the facts recorded on all official records.

### **RETRIAL OF HONOR CASES**

A case may be reopened upon the presentation of new evidence bearing directly on the question of guilt. Persons desiring to reopen a case shall appear before the Honor Code Committee to present such new evidence, and the Committee shall determine whether this new evidence is sufficiently conclusive to warrant a retrial. Should the case be reopened, it must be entirely retried.



## OFFICERS OF THE COLLEGE

### BOARD OF VISITORS

To March 6, 1972

W. H. BOWDITCH.....YORKTOWN, VIRGINIA  
R. HARVEY CHAPPELL, JR.....RICHMOND, VIRGINIA  
FRANK W. COX.....VIRGINIA BEACH, VIRGINIA  
ERNEST W. GOODRICH.....SURRY, VIRGINIA  
THOMAS B. STANLEY.....STANLEYTOWN, VIRGINIA  
JOHN C. SWANSON.....DANVILLE, VIRGINIA  
HARRY DAY WILKINS.....EASTVILLE, VIRGINIA

To March 6, 1970

R. WILLIAM ARTHUR.....WYTHEVILLE, VIRGINIA  
MRS. ROBERT V. H. DUNCAN.....ALEXANDRIA, VIRGINIA  
MRS. VERNON M. GEDDY, SR.....WILLIAMSBURG, VIRGINIA  
RUSSELL B. GILL.....PETERSBURG, VIRGINIA  
E. RALPH JAMES.....HAMPTON, VIRGINIA  
WALTER G. MASON.....LYNCHBURG, VIRGINIA  
BLAKE T. NEWTON, JR.....NEW YORK, NEW YORK  
WALTER S. ROBERTSON.....RICHMOND, VIRGINIA  
WILLIAM R. SAVAGE, JR.....SUFFOLK, VIRGINIA  
J. E. ZOLLINGER.....FORT LAUDERDALE, FLORIDA

### COLLEGE OF WILLIAM AND MARY

DAVIS Y. PASCHALL.....PRESIDENT

### CHRISTOPHER NEWPORT COLLEGE

H. WESTCOTT CUNNINGHAM.....DIRECTOR  
THOMAS S. DUNAWAY, JR.....BUSINESS MANAGER  
W. STEPHEN SANDERLIN, JR.....DEAN OF FACULTY  
JAMES C. WINDSOR.....DEAN OF STUDENTS  
C. HARVEY WILLIAMS, JR.....ASSISTANT DEAN OF STUDENTS  
NANCY A. RAMSEUR.....COORDINATOR OF ADMISSIONS AND  
FINANCIAL AIDS  
JANE C. PILLOW.....REGISTRAR  
JAMES V. MIRACLE.....COORDINATOR OF THE EVENING COLLEGE  
BETTE V. MOSTELLER.....LIBRARIAN  
REBECCA S. RITCHIE.....ASSISTANT LIBRARIAN  
RICHARD E. McMURRAN.....PLACEMENT OFFICER  
T. J. LASSEN, M.D.....CONSULTING PSYCHIATRIST

## INSTRUCTIONAL STAFF

SUE GRAY NORTON AL-SALAM, *Instructor in Mathematics*. B.A., Wellesley College; M.A., University of California at Berkeley; M.A., College of William and Mary.  
JOSEPH RICHARD AMBROSE, *Assistant Professor of Government*. B.A., University of Denver; M.A., Georgetown University.  
JOHN WESLEY ATWELL, JR., *Assistant Professor of History*. B.A., Washington & Lee University; M.A., University of Washington.  
DAISY DAVIS BRIGHT, *Assistant Professor of Mathematics*. A.B. and M.A., University of Alabama.  
JANE N. BYRN, *Assistant Professor of Chemistry*. B.S., University of Manitoba; M.S., Johns Hopkins University.  
JANE CHAMBERS, *Assistant Professor of English*. B.A., Pfeiffer College; M.A., University of Arkansas.  
JOHN RICHARD GUTHRIE, JR., *Instructor in Modern Language*. A.B., College of William and Mary; M.A., Middlebury College Graduate School of French in France.  
GARY G. HAMMER, *Assistant Professor of Chemistry*. B.S. and M.S., Wichita State University; Ph.D., Georgia Institute of Technology.  
JAMES NIMMO HUBBARD, III, *Assistant Professor of Physical Education for Men*. B.S. and M.Ed., College of William and Mary.  
RITA COOPER HUBBARD, *Lecturer in Speech*. B.A., College of Notre Dame of Maryland; M.A., John Hopkins University.  
ELIZABETH FRANCES JONES, *Assistant Professor of Modern Language*. A.B., New York State College for Teachers, Albany; Ph.D., University of North Carolina.  
RICHARD HUNTER LAWSON, *Assistant Professor of Mathematics*. B.S., United States Military Academy; M.A., Duke University.  
RICHARD EPES McMURRAN, *Assistant Professor of History*. A.B. and M.A., University of Alabama.  
ALBERT EDWARD MILLAR, JR., *Assistant Professor of English*. B.A., University of Richmond; M.A., University of South Carolina; Ph.D., University of Delaware.  
JAMES V. MIRACLE, *Instructor in Biology*. B.S.Ed., Wisconsin State University; M.A., College of William and Mary.  
RUTH K. MULLIKEN, *Associate Professor of Psychology*. B.S. and M.A., New York University; Ph.D., University of Utah.  
WILLIAM KIRK NEAL, II,\* *Instructor in Chemistry*. A.B., College of William and Mary; M.S., Rutgers, The State University.

\* On leave of absence, 1968-69.



- TALMADGE B. PIERCE, JR., *Lecturer in English*. A.B., Florida Southern College; M.A., Lehigh University.
- ELIJAH GRAHAM PILLOW, *Assistant Professor of Physics*. A.B. and M.T.S., College of William and Mary.
- JEAN ELIZABETH PUGH, *Professor of Biology and Chairman of the Biology Department*. B.S., Madison College; M.A. and Ph.D., University of Virginia.
- D. DORIS REPPEN, *Assistant Professor of Modern Language*. B.A., University of Buenos Aires; M.A., University of California.
- URSULA VIRGINIA RIDDICK, *Instructor in English*. A.B., College of William and Mary; M.A., Duke University.
- DONALD B. RILEY, *Assistant Professor of Business and Economics*. B.S., Norfolk College of William and Mary; M.B.A., University of North Carolina.
- JOYCE K. SANCETTA, *Associate Professor of English*. B.A., College of Wooster; Ph.D., Yale University.
- WALLACE STEPHEN SANDERLIN, JR., *Professor of English and Chairman of the English Department*. A.B., College of William and Mary; M.A., Catholic University; Ph.D., University of Virginia.
- LILLIAN J. SEATS, *Assistant Professor of Physical Education for Women*. B.S. and M.S., Indiana University.
- RUTH O. SIMMONS, *Assistant Professor of Biology*. B.S., Carson-Newman College; M.Ed., University of Virginia.
- JoANNE SQUIRES, *Associate Professor of Psychology*. B.S., Ohio University; M.S. and Ph.D., University of Pittsburgh.
- BARRON FLOYD TABOR, *Instructor in Mathematics*. B.S., Louisiana State University. M.S., College of William and Mary.
- ROBERT MADISON USRY, *Assistant Professor of History*. A.B. and M.A., College of William and Mary.
- R. BEVERLEY VAUGHAN, JR., *Instructor in Physical Education for Men*. B.S., College of William and Mary.
- CECIL HARVEY WILLIAMS, JR., *Assistant Professor of Government*. A.B., Duke University; B.D., Crozer Theological Seminary; M.A., University of Virginia.
- JAMES CLAYTON WINDSOR, *Assistant Professor of Psychology*. B.A., College of William and Mary; B.D., Colgate Rochester Divinity School; M.S., Richmond Professional Institute.
- EDWARD SPENCER WISE, *Assistant Professor of Biology*. B.S., Virginia Polytechnic Institute; M.S., University of Illinois.
- LAWRENCE BARRON WOOD, *Assistant Professor of English*. A.B., Hampden-Sydney College; M.A., University of Pennsylvania.

## COMMITTEES OF THE FACULTY

- Academic Status: Lawson (Chairman), Mulliken, Reppen, Sanderlin, Williams, Wood, J. Pillow (Recorder).
- Admissions: Usry (Chairman), Bright, Ramseur, Riddick, Riley, Windsor (ex-officio).
- Curriculum: Sanderlin (Chairman), Lawson, Riley, Sancetta, Squires, Wood.
- Degrees: Sanderlin (Chairman), G. Pillow, Pugh, Simmons, J. Pillow (Recorder).
- Discipline: Windsor (Chairman), Byrn, Hammer, Millar, Pugh, President of the Student Body.
- Faculty Advisory: Sanderlin (Chairman), Bright, Byrn, Mulliken, Usry, Windsor.
- Library: Wood (Chairman), Al-Salam, Atwell, Ambrose, Byrn, Guthrie, Mosteller, Sancetta, Wise.
- Scholarship and Student Employment: G. Pillow (Chairman), Chambers, McMurran, Ramseur, Reppen.
- Student Activities: Windsor (Chairman), J. Hubbard, Seats, Squires, Usry, Vaughan, President of the Student Body.
- Note: The Director is an ex-officio member of all committees.



# ACADEMIC POLICIES

## COLLEGE REGULATIONS

### The Counseling Office

The Counseling Office offers guidance and counseling in three main areas: Educational counseling—help in selecting the proper courses of study and in establishing effective study habits; vocational counseling—aid in determining the profession or position for which the student is best fitted, or help in choosing the field of study in which the student intends to major; and personal adjustment—assistance in overcoming difficulties in social adjustment, difficulties caused by uncertainties of aims and purposes and other personal problems.

In vocational counseling a testing and information service is provided. Vocational interest and aptitude tests are available to all students who desire help in choosing their major field, or their life work.

An important function of the counseling office is its work with new students. After the placement tests are complete, each incoming student has an individual interview with a counselor. He learns the results of the tests and discusses course possibilities. The final decision reflects not only the placement testing, but also the high school achievement and the student's own interests.

Psychiatric consultation is available through the Mental Hygiene Clinic of Newport News. In cases of referral, the appropriate fees for the services of the Clinic will be paid by the student and/or his parent or guardian.

### Student's Program

The normal full-time student load consists of four or five courses and generally does not exceed seventeen semester hours.

(1) Any student may, with the consent of his advisor, carry eighteen semester hours.

(2) Sophomores who can complete the degree requirements by carrying less than the normal program are permitted to carry as few as twelve semester hours.

Further deviations from the normal program, when warranted by special circumstances, will be permitted by the Committee on Academic Status after the registration period; students desiring this permission should apply in writing to the Registrar. Only to exceptionally able students, however, will the Committee on Academic Status grant permission to carry more than eighteen semester hours.

### Changes in Registration

In order to add a course to or drop a course from the program of courses for which they originally registered, students must make application for such a change to the Registrar. The Registrar records

any such change on the student's registration card and informs the instructor or instructors concerned. Unless a course-change has been made in that manner it has no official standing and will not be recognized as valid by the College.

### System of Grading and Quality Points

Grades are assigned according to the letter system, including quality point values as follows:

Grade Symbol and Meaning	Quality Point Value per	
	Semester	Credit Hour
A—Superior	3	
B—Good	2	
C—Average	1	
D—Passing	0	
F—Failing	0	
I—Incomplete	0	
X—Absent from final examination	0	
WF—Withdrew Failing	0	
WP—Withdrew Passing	—	
W—Withdrew	—	
S—Satisfactory (used in required physical education and in non-credit preparatory courses)	—	

**Quality Point Average**—The quality point average is computed by dividing the total number of academic hours carried into the total number of quality points earned. Courses in which a notation of "WF" has been made are included in academic hours carried. Grades of "W" and "WP" are not included; neither are non-credit courses.

**Incomplete**—"I" indicates that the student has postponed, with the consent of the instructor, the completion of certain required work other than the final examination. "I" automatically becomes F at the end of the next semester if the postponed work has not been completed.

**Absent from Final Examination**—"X" indicates that the student was absent from the final semester examination. "X" automatically becomes F at the end of the next semester unless a deferred examination is permitted by the Committee on Academic Status.

**Withdrawal from College**—Students who desire to withdraw from college should apply to the Registrar for permission to withdraw.

Any student who withdraws from the College without permission from the Registrar will receive a grade of F in each of his courses, and his permanent record card will carry the notation "Grade of F assigned because of unofficial withdrawal."

If a student withdraws from the College prior to one week following mid-semester (see College calendar for exact date), the grade notation "W" will be entered for each of his courses.

If a student withdraws after the set deadline, the grade notation "WP" will be entered for each course in which the student was re-



ceiving a passing grade at the time of withdrawal, and a "WF" for each course in which the student was receiving a failing grade at the time of withdrawal.

**Withdrawal from Evening College**—A student should apply in writing to the Coordinator of the Evening College. It should be noted that these students are subject to the same policies and regulations as stated above. Students should consult the supplementary evening bulletin for the exact deadlines for withdrawal from the College.

**Readmission after Withdrawal**—A student who withdraws with "WF" in half or more of his courses will be considered in the same way as is a suspended student, and must formally request reinstatement in good standing by the Committee on Academic Status after at least one semester has elapsed.

**Dean's List**—Students who in any semester make thirty-three quality points with no grade below C, in academic subjects, and who make a quality point average of at least 2.0, are placed on the Dean's List for the following semester.

**Classification of Students**—Students are classified as follows:

Freshman.....From 1 to 23 credits  
 Sophomore .... A minimum of 24 credits and 24 quality points  
 Junior.....A minimum of 54 credits and 54 quality points

### Continuance in College

The following are the requirements for continuance in college:

1. At the end of his first semester:
  - a. The full-time student (carrying 12 semester credits or more, exclusive of physical education) must pass two credit courses and must earn at least three quality points.
  - b. The student enrolled in three credit courses representing 11 or fewer semester hours (exclusive of physical education) must pass one credit course and earn at least three quality points.
  - c. The record of the student enrolled in one or two credit courses will not be evaluated until he has completed his third course (or third and fourth courses), at which time he will be expected to meet whichever of the above requirements (a or b) is appropriate to his situation.
  - d. Transfer students will be required to maintain at least a .75 average during their first semester. Subsequently, they will fall under the semester requirement that is appropriate to them. Semesters completed at other colleges will be added to the semester completed at Christopher Newport College.

2. At the end of his second semester a student must pass two-thirds of his total number of academic hours carried during the two semesters, and must earn quality points that amount to 50% of his total number of academic hours carried.
3. At the end of the third semester, he must earn quality points that amount to 66% of his total hours carried.
4. At the end of the fourth semester, he must earn quality points that amount to 75% of his total hours carried.
5. At the end of the fifth semester, he must earn quality points that amount to 80% of his total hours carried.
6. At the end of the sixth semester, he must earn quality points that amount to 85% of his total hours carried.

A student who has not met these requirements may not register in the regular session, except by the advice and consent of the Committee on Academic Status. Finally, when a student is not profiting by his stay at college, or whenever his influence is detrimental to the best interests of the College, such a student may be required to withdraw.

A student who has failed to complete the requirements for the degree of Associate in Arts within six semesters of residence in college will be automatically debarred from further attendance at the College; provided, however, that when a student has been permitted to reduce his schedule below that normally required, the total period of residence permitted for the completion of the degree requirements shall be extended in proportion to the reduction permitted.

### Absence From Classes and From College

An educational system centered upon classroom instruction justifies a set of regulations and procedures to aid in assuring satisfactory class attendance. These attendance regulations are designed by the faculty to limit the number of unnecessary class absences since irregular class attendance jeopardizes the student's progress and detracts both from instruction and from learning.

#### Class Attendance

1. Students are expected to be present at all their regularly scheduled classroom appointments. The College has no system of recognized cuts.
2. Each instructor is responsible for attendance records and for all matters related to attendance. A student who is dropped from a course upon recommendation of the instructor because of excessive absences will receive a grade of "F". If excessive absences are caused by an extreme emergency, a student may appeal to the Academic Status Committee for consideration.
3. If a student must miss a class meeting, he is expected to cover properly for himself the material missed. Instructors may differentiate between excused and unexcused absences, and authorize make-up tests when appropriate.
4. Attendance regulations do not apply to students on the Dean's List, or to students who are enrolled in a course as auditors.



## Examinations

The examinations, given at the end of each semester, take place at the times announced on the examination schedule, which is arranged by the Registrar and posted at least two weeks before the beginning of the examination period. Students are required to take all of their examinations at the time scheduled, unless excused because of illness or other sufficient reason by the Registrar. Students should present their reasons for an expected absence to the Registrar in advance of the examination. No excuse on the ground of illness will be accepted unless it is approved by a physician.

Deferred examinations are provided for students who have been excused by the Registrar from taking their examinations at the regular time. Students should arrange with their instructors to make up the examinations as soon possible. Except under very exceptional circumstances students are not permitted to postpone the taking of a deferred examination beyond the first occasion thus regularly provided; and in no case will permission to take a deferred examination be extended beyond a year from the time of the original examination from which the student was absent.

The College does not authorize re-examinations.

## Standards and Rules of Social Conduct

### General Statement

Registration as a student at the Christopher Newport College implies that the student will familiarize himself with the rules and regulations governing the conduct of students, and that he will abide by such regulations so long as he remains a student at the College.

The College assumes that men and women of college age are able and willing to maintain standards of self-discipline appropriate to membership in a college community. Therefore, the College purposefully refrains from promulgating a rigid code of discipline. However, it reserves the right to take disciplinary measures compatible with its own best interest.

The discipline of the College is vested in the Director by the action of the Board of Visitors. Infractions are considered by the Discipline Committee, which represents administration, faculty, and students. When men and women are jointly involved in misconduct or violations of College regulations, they will be held equally responsible.

The College reserves the right at any time to suspend or dismiss a student whose conduct or academic standing is in its judgment unsatisfactory.

### Dress

Maintenance of high standards of personal dress which is to characterize the students of the Christopher Newport College necessitates

the establishment of certain regulations concerning the wearing of sports attire. College policy relative to student dress is as follows:

*October 1 through April 30*—Shorts, pedal pushers, slacks, gym suits, or other such clothing are not to be worn on college property, except when appropriate for participation in an intramural or other inter-collegiate sport or social function.

*May 1 through September 30*—Men and women students may wear bermuda length shorts with the understanding that high standards of personal appearance will be maintained.

### Vandalism and Disturbances

The defacement or destruction of state property is a violation of the laws of the Commonwealth of Virginia. Students who participate in disturbances which interfere with orderly classroom procedure or reflect adversely on the College will be required to withdraw.

### Hazing

Hazing, or the subjection of a student to any form of humiliating treatment, is forbidden. The hazing of students in a state-supported institution is a violation of the laws of the Commonwealth of Virginia.

### Alcoholic Beverages

The possession or consumption by Christopher Newport students, or their guests, of alcoholic beverages of any kind, or alcoholic content anywhere on the campus or in any College building, is prohibited; nor may alcoholic beverages of any kind or content be served or consumed at any dance or other social function given in the name of the College or sponsored by any student organization or group. It shall be the responsibility of the sponsoring student organization or group and its officials to enforce this regulation. Violation of this regulation may be punished by loss of social privileges, probation, suspension, or separation from the College.

### Public Performances

No person or group of persons associated with the Christopher Newport College shall give either in Newport News or elsewhere a public performance of any kind unless prior to the first rehearsal the said person or group of persons shall have obtained from the office of the Dean of Students permission to present the entertainment. In order to secure permission, those in charge of the performance must make written application to the Dean of Students.

### Co-curricular Activities

Participation in extracurricular activities is an important part of the educational process. The College has an active intercollegiate track team and an active intramural athletic program. The Student Government Association and several clubs and organizations offer opportunities for discussion, practical experience, recreation, and congenial companionship. Religious organizations foster religious expression and spiritual growth in the College community. For a more complete description of student activities see the *Student Handbook*.



## PARKING

All students are expected to park in the parking lots off Moore's Lane. The ellipse in front of Christopher Newport Hall, the library parking lots, and the roads leading to and from the parking lots are reserved for faculty, staff, and visitor parking only. A parking ticket will give notice to violators, and a fine of \$3.00 will be levied for each violation.

## ADMISSION TO DAY COLLEGE

Applicants for admission must present their applications on printed forms secured from the Admissions Office, Christopher Newport College, Shoe Lane, Newport News, Virginia. Applications will be considered for admission in September and February of each academic year.

It is strongly urged that those expecting to apply for admission to the College begin early in their high school careers to plan their courses toward the meeting of the entrance requirements. The Coordinator of Admissions and the counseling staff will gladly assist in preparing a desirable program of studies.

## ADMISSION REQUIREMENTS

### Secondary School Record

The essential requirement for admission to Christopher Newport College is graduation from an accredited secondary school with an average of C or better in a program consisting of a minimum of sixteen units (grades nine through twelve) preparatory for a liberal arts college curriculum. Recommended credits include four units of English, three of mathematics (two algebra, one plane geometry), two in history, two in science (including one laboratory science), and two in foreign language (ancient or modern). The remainder of the sixteen units should consist of additional credits in these preferred subjects. For example, a student who plans to major in mathematics, science, or engineering should ideally present a fourth unit in higher mathematics and a second laboratory science.

The recommendation of the secondary school principal or guidance counselor is given careful consideration.

### Tests of the College Entrance Examination Board

All candidates for admission to the freshman class of Christopher Newport College must take the Morning Section Scholastic Aptitude Test of the College Entrance Examination Board. For information concerning testing dates and testing centers, candidates should write to The Educational Testing Service, Box 592, Princeton, New Jersey 08540. The College prefers that candidates take the December or January tests, but scores from the March, May and July tests are acceptable.

## Personal Qualifications and Ability to Adjust

Evidence of good moral character and of such traits of personality as will make for desirable adjustment to the College will be considered of importance equal to the student's academic achievement; such characteristics as determination, enthusiasm, self-discipline, imagination and ability to work with others are as important as academic achievement and competence. It is understood that these terms necessarily deal with intangibles. In general, however, the student whom the College desires to enroll is the person of genuine intellectual ability and moral trustworthiness; in addition he or she should possess the qualities that will make for friendly and congenial relations in the college group. Recommendations from alumni may be requested when the College deems them necessary. Also, other references may be asked to supply information pertinent to the character and other qualifications of the candidate.

### Interviews

Interviews are not routinely required of applicants; however, if additional information is needed after the applicant's record is reviewed, an interview may be requested.

### Admission Based on Equivalency Tests

The College will consider for admission adults who have satisfactorily completed the military or civilian high school equivalency tests. In addition to the scores achieved on these tests and the certificate of equivalency, the College will require the applicant's partial high school record and his scores on the Scholastic Aptitude Test. If the applicant lacks necessary preparation in specific high school subjects, he may be asked to seek such preparation in order to qualify for admission. Depending on the degree of his deficiency, the applicant will be referred to the non-credit courses available in the Evening College, or to high school courses.

### Part-Time Admission

The requirements listed in the preceding paragraphs pertain to admission as a regular, full-time student. Applicants who do not fully meet these requirements but who show potential may be admitted on a part-time basis. A part-time student may carry up to a maximum of eleven semester hours or the equivalent, including non-credit preparatory work and required physical education. The exact load will be determined during the interview each entering student has with his freshman counselor.

### The Advanced Placement Program

The College participates in the Advanced Placement Program of the College Entrance Examination Board. This program offers to able and ambitious students the opportunity to qualify for advanced placement and credit in biology, chemistry, English, history, modern language, mathematics, and physics. Applicants for advanced placement should plan to take the College Board Advanced Placement Tests.



### Admission of Transfer Students

Applications from students wishing to transfer from other colleges will be considered for both the fall and spring semesters. In order to be eligible to apply for transfer to Christopher Newport College, the student must be in good standing at all former colleges attended.

Transfer credits, up to a maximum of thirty hours, will be given to candidates for the Associate in Arts degree for courses which carry a grade of "C" or better and are comparable to courses offered by Christopher Newport College.

### ADMISSION TO THE EVENING COLLEGE

The principal requirement for admission to the Evening College is graduation from an accredited secondary school or satisfactory completion of the civilian or military equivalency (G.E.D.) examination. An applicant who has not attended another college must have his secondary school complete the Certificate of Good Standing form found in the Evening College bulletin, or submit proper certification of high school equivalency.

*Transfers*—the transfer applicant must have the last college he attended complete the Certificate of Good Standing found in the Evening College bulletin. Students who are on academic suspension may *not* be admitted to the Evening College except for non-credit preparatory courses.

When possible, the Certificate of Good Standing should be on file in the Evening College office prior to the opening of the semester in which the new student wishes to enroll. New students may be accepted conditionally, however, until an acceptable certificate has been received.

*Veterans*—Veterans who plan to apply for benefits under the G. I. Bill must furnish official transcripts from all colleges attended or, if freshman applicants, complete secondary school records.

*Degree-candidate Status*—Evening College undergraduate students will be considered unclassified (non-matriculated) students prior to acceptance as degree candidates. Non-matriculated students who wish to earn a degree at Christopher Newport College must make application for admission as degree candidates prior to the completion of thirty credits of undergraduate work (including acceptable transfer credit). Forms for this purpose are available from the Coordinator of Admissions and Financial Aids. Degree candidates must furnish official transcripts of secondary school and college work.

### FEES AND EXPENSES

THE COLLEGE RESERVES THE RIGHT TO MAKE, WITH THE APPROVAL OF THE PROPER AUTHORITIES, CHANGES IN TUITION AND OTHER FEES AT ANY TIME.

#### Payment of Application Fee

In compliance with the policy of the other tax-supported institutions of the Commonwealth of Virginia, the College will require a non-refundable fee of \$10.00 to cover the cost of processing the application for admission. A check or money order for \$10.00, made payable to Christopher Newport College, must accompany the preliminary application of each student. It is not to be considered as a partial payment on the normal tuition charges. If the student does not enroll in the semester for which he originally applies, the fee may be carried over to the next semester only.

#### Payment of Accounts

*Deposit*—A deposit of \$25.00 is required of a new student to reserve his space at the College. This payment is applied on the student's regular college account.

This deposit may be made by students already enrolled at any time after the beginning of the second semester, but *must* be paid before May 1.

Students enrolling for the first time shall not make a deposit until they have been notified of their admission to the College. It will be returned only to those students whose notice of withdrawal is received on or before July 15.

Principal fees are payable in full in advance by the semester. All checks should be made payable to Christopher Newport College. The College has a special payment plan for those who are unable to pay the entire semester account by the date of registration. Information concerning the plan may be obtained from the office of the Business Manager. Failure to meet the payments when due results in automatic suspension until the account has been brought up to date.

First semester accounts or first payments on accounts under the special payment plans are due on or before September 1. Second semester accounts are due on or before January 15.

Students will not be allowed to complete registration unless their registration cards have first been approved by the Business Manager. This preliminary procedure can be accomplished by mail and should be completed upon receipt of the student's statement of account.

Students who present themselves for registration without making preliminary arrangements must be prepared to pay their accounts in full. Otherwise, their registration will be delayed until satisfactory arrangements have been made.

#### Refunds to Students Withdrawing From Day Classes

Subject to the following regulations and exceptions, all charges



made by the College for fees are considered to be fully earned upon the completion of registration by the student.

1. A student withdrawing within a period of five calendar days from the date of scheduled registration is entitled to a refund on tuition payments except that the College will retain \$35.00. (See 5. for exceptions)

2. If a student withdraws within a period of thirty calendar days after the date of scheduled registration, the College shall retain \$25.00 and 25% of the remaining tuition charges.

3. If a student withdraws at any time within the second 30-day calendar period after the date of scheduled registration, the College shall retain \$25.00 and 50% of the remaining tuition charges.

4. Paragraphs 1, 2, and 3 also will apply to second semester students who were not enrolled in the first semester.

5. Any first semester student who reregisters for the ensuing second semester and withdraws within a five-day period after the date of scheduled registration shall be entitled to a refund of all tuition payments for the second semester with the exception of \$10.00 to cover the cost of registration; if withdrawal is within 30 days the College will refund 75% of the total tuition charges; if within 60 days the College will refund 50% of the total tuition charges.

6. A student withdrawing after the expiration of 60 days from the date of scheduled registration shall be entitled to no refund.

7. No refunds or fees will be made to a student who withdraws unofficially or has been required to withdraw by the College regardless of the date of withdrawal.

#### **Refunds to Students Withdrawing from Evening Classes**

The student who registers for a course on or before the day of registration and withdraws before the first meeting of the class (see supplementary evening bulletin for exact dates) will be refunded the net amount after a processing fee of \$5.00 has been deducted from the full tuition fee.

Students who withdraw officially on or before the last day of registration (see supplementary evening bulletin for exact date) will be refunded 75 per cent of the tuition fee.

When the College cancels a course because of insufficient enrollment, a full refund will be made.

#### **Withholding of Transcripts and Degrees in Case of Unpaid Accounts**

Transcripts or any other information concerning scholastic records will not be released until college accounts are paid in full. Degrees will not be awarded to persons whose college accounts are not paid in full.

#### **Cashing of Student Checks**

The College does not have facilities for handling deposits for students' personal expenses but the Business Manager's Office is prepared to cash checks up to \$25.00. All such checks should be made payable to the student or to cash. Under our regulations as a State

institution, we are not permitted to cash checks made payable to Christopher Newport College.

### **FEES AND OTHER EXPENSES**

Tuition and General Fee (\$175.00 per semester for State Students and \$335.00 for Out-of-State Students) is a payment towards the general maintenance and operating costs of the College.

Effective September 1967, a student will be charged full-time tuition when he is carrying the equivalent of 12 semester credit hours or more. Non-credit courses will be added in, using an equivalency figure, based on the number of hours per week the course meets.

Part-time students (those carrying less than an equivalent of 12 credit hours) will be charged \$15.00 per semester credit hour or the equivalent.

An auditing fee of \$5.00 is charged for each semester hour of credit carried by the course. The minimum auditing fee charged is \$15.00.

#### **The Act affecting residency is as follows:**

"Be it enacted by the General Assembly of Virginia, That no person shall be entitled to the admission privilege, or the reduced tuition charges or any other privileges accorded by law only to residents or citizens of Virginia, in the State Universities, Colleges and other institutions of higher learning unless such person has been a bona fide citizen or resident of Virginia for a period of at least one year prior to admission to said institution provided that the governing boards of such institutions may require longer periods of residence and may set up additional requirements for admitting students."

#### **Evening College Tuition**

The tuition fee for those students attending only evening classes is the same as for any part-time student. This tuition is payable in advance to the Business Manager. Military students, enrolling under a plan in which the Armed Services pay part of the costs, need pay at the time of registration only that portion of the tuition fee for which the individual is personally responsible. Tuition assistance papers must be provided at the time of registration.

ANY STUDENT ENROLLED IN REGULAR DAY CLASSES WHO WISHES TO TAKE AN EVENING CLASS MUST RECEIVE PERMISSION FROM THE REGISTRAR. In such a case, his tuition fee will be determined by totaling his combined day and evening load.

### **INCIDENTAL EXPENSES**

It is impossible to estimate the exact cost to students of clothing, travel and incidental expenses. These are governed largely by the habits of the individual. The College endeavors to cultivate frugality on the part of the students, and equally to minimize temptations to extravagance. As the demands for extra money are small, parents are advised to furnish only a small sum.



The cost of books depends somewhat on the courses taken, but will seldom be less than \$60.00 a year and does not usually exceed \$100.00 a year.

Money for books cannot be included in checks covering college expenses; books should be paid for in cash or by separate check when purchased. Checks for books should be made payable to the C.N.C. Bookstore.

### NON-RECURRING FEES

Application Fee .....	\$10.00
Diploma for Associate in Arts Degree.....	3.50
Academic Costume Rent for Graduation Exercise.....	5.00

### BRIDGE AND TUNNEL TICKETS

Students using bridge or tunnel facilities for which a toll is charged may purchase ticket books at reduced rates from the Business Manager. Students are eligible for this privilege only if they use toll facilities when commuting from home to the College on the day of a scheduled class.

### FINANCIAL ASSISTANCE

The College offers financial assistance to deserving students who wish to defray part of their total college expense. The types of aid include scholarships, loans, and student employment. Inquiries concerning financial assistance should be directed to the Coordinator of Admissions and Financial Aids.

All awards are made on the basis of need, character, and scholastic ability, and are made for one year only.

#### Benefits for Veterans and War Orphans

The College is approved to offer educational programs on the freshman and sophomore levels to veterans and servicemen, and to war orphans (children of veterans who are permanently and totally disabled from service-connected causes or who died while so disabled).

It is urged that application for benefits be made to the nearest Regional Office of the Veterans Administration well in advance of the desired admission date. At the time he initially enrolls, the veteran or war orphan must present a Certificate of Eligibility, VA Form 21E-1993, to the office of the Coordinator of Admissions.

The veteran or war orphan should have money available to cover the cost of his tuition and books for each semester, since his first subsistence check will very likely not arrive until at least six weeks after he registers (or turns in his Form 21E-1993 to the College, whichever is later).

The following criteria have been established by the Veterans Administration to determine payments:

14 credit hours	—Full-time
10 to 13 credit hours	—3/4 time
7 to 9 credit hours	—1/2 time
6 credit hours or below	—Less than 1/2 time

NOTE: When a non-credit deficiency course is required by the College, payment will be based on the credit hours actually carried plus the credit hours which would be earned if the non-credit deficiency course were pursued for credit.

#### Bopeep Elizabeth Usry Scholarship

A minimum grant of \$100 established in 1964 by Robert M. Usry in memory of his sister. The scholarship is available only to full-time sophomores (men and women) with a C average and no failing grades, based on need, discipline, attitude and cooperation.

#### Charles Mayo (Boots) Benson Scholarship

A grant established in 1965 by the Benson-Phillips Co., Inc. in memory of Boots Benson. The scholarship, made on the basis of need, awards \$350 to a male graduate of Newport News High School. The scholarship, upon application, may be renewed for the sophomore year, providing the student is maintaining a satisfactory academic record.

#### Christopher Newport College Scholarship Fund

A scholarship fund has been established anonymously to assist students, preferably those pursuing a career in radio, television or journalism. Students concentrating in other areas may be considered.

#### Civitan Club of Newport News Scholarship

A grant established in 1966. The scholarship awards \$300 per academic year to a graduate of a Peninsula high school, and is made on the basis of character, need, and ability. The scholarship, upon application, may be renewed for the sophomore year, providing the student is maintaining at least a C average.

#### Coats and Clark, Inc. Scholarship

A grant established in 1967. The scholarship awards \$500 per academic year to an entering freshman, preferably a resident of the Peninsula area. Special consideration will be given to children of employees of Coats and Clark, Inc. Upon application, the scholarship may be renewed, providing the student maintains an academic standing in the upper half of his class.

#### George Turner Memorial Scholarship

A grant established in 1964 by Mrs. George T. Rolan in memory of her father. The scholarship, made on the basis of need, exempts Virginia students from the payment of tuition for the session. If held by a freshman, the scholarship, upon application, may be renewed for the sophomore year, providing the student is maintaining a satisfactory academic record.

#### Hampton-Newport News-York County City Panhellenic Scholarship

A grant of \$200 per academic year, made on the basis of need and



academic qualifications, to a full-time woman student who is entering her sophomore year, and who plans to further her college education.

#### **Hampton Roads Jaycettes Scholarship**

A grant of \$150 per academic year to a full-time woman student.

#### **Hatten Memorial Fund**

Established in September 1965 by Mr. Earl R. Hatten in memory of his late wife, Leone Quackenbush Hatten, a grant of \$10,000 has been invested by the College with the understanding that at the end of ten years or at such time as Christopher Newport College may be made a four-year college, the earnings from this fund may be used for scholarship purposes.

#### **J. C. Windsor Loan Fund**

An emergency loan fund established in 1967 by the Sophomore Class. Students may borrow, interest free, up to \$50 for a period not to exceed thirty days. Apply to the Coordinator of Admissions and Financial Aids.

#### **James River Jaycees Scholarship**

A grant of \$250 per academic year for an entering freshman man or woman. The award will rotate among graduates of Denbigh High School, Homer L. Ferguson High School, and Warwick High School. Applicants should contact their high school guidance counselor.

#### **Julia Tucker Herman Memorial Scholarship**

An anonymous grant established in 1965. The scholarship, based strongly on need, grants varying amounts up to a maximum equaling the session tuition for a Virginia student.

#### **The Junior Woman's Club of Hilton Village Scholarship**

A \$2,000 scholarship fund was established in 1967 to assist students interested in becoming kindergarten teachers. Grants will vary according to the individual student's need. Second consideration will be given to prospective elementary teachers.

#### **Newport News Lions Club Scholarship**

A grant of \$100 per academic year, made on the basis of need, to a student, preferably male and preferably a graduate of Newport News High School.

#### **Virginia Peninsula Business and Professional Women's Club**

A minimum grant of \$200 per academic year established in 1965 by the Virginia Peninsula Business and Professional Women's Club. The scholarship, made on the basis of need, is available to a female graduate of a Newport News or Hampton high school. Upon application, the scholarship may be renewed for the sophomore year, providing the student is maintaining a satisfactory academic record.

#### **Virginia State Teachers' Scholarships**

The General Assembly has made an appropriation for Teacher

Training Scholarships available to freshmen and sophomore students who are residents of Virginia and who plan to teach in the Virginia Public Schools. These scholarships are valued at \$350 per academic year.

#### **Warwick Rotary Club Scholarship**

A grant of \$400 per academic year to an entering freshman, preferably a Peninsula resident. Upon application the scholarship may be renewed, assuming the student is in good standing and pursuing a full-time program of studies.

#### **National Defense Student Loans**

Under the National Defense Education Act of 1958, Congress authorized substantial funds for the establishment of low interest, long-term student loans in institutions of higher learning. Any full-time student or prospective student may apply for a loan under this act. The applicant must be in good standing in his course of study, and he must be able to demonstrate need for financial assistance.

#### **Virginia Education Assistance Authority**

The Education Assistance Authority was organized in 1960 under an act of the General Assembly of Virginia. The Authority, through guaranty agreements with commercial banks, enables the banks of Virginia to make unsecured personal loans to full-time students who are residents of Virginia, to help pay their college expenses. Loans may be made up to \$1,000 per year.

#### **Student Employment**

The Coordinator of Research and Student Employment, created in the fall of 1966, maintains files of work opportunities in the locale for the college student. Many local industries support the idea of allowing students to work part-time with them as career preparation and thereby the College has greatly profited. Students withdrawing from the College, in their withdrawal interview with counseling personnel, are acquainted with the services of the Student Employment Service; thereby, does the College assist in reorienting the student in the non-college world.

### **THE ASSOCIATE IN ARTS DEGREE**

The Board of Visitors has authorized the Christopher Newport College to confer a degree of Associate in Arts. To be eligible for this degree, a candidate must file a formal application by March 15 of the year in which he plans to receive his diploma.

To qualify for this degree a student must complete a minimum of sixty hours of academic credit according to the following plan:

1. Thirty-four of these academic credits must consist of:
    - a. Six semester credits in Freshman English and six semester credits in English 201, 202, 203, 204 or Humanities 201, 202.
    - b. Ten semester credits in biology, chemistry, or physics.
- (Transfer students may substitute an acceptable eight-



- semester credit sequence in biology, chemistry, or physics.)
- c. Six semester credits in economics, history, government, or sociology.
  - d. Six semester credits in mathematics or Philosophy 201, 202.
  2. Four hours of required physical education.
  3. The student must have attained a minimum quality point average of 1.00.
  4. The program must be completed in six semesters.
  5. The Associate in Arts degree will not be granted until the applicant has been in residence at least one college year and made a minimum of 30 semester credits at the College. This period must include the last year of the work required for the degree.

No student may assume that credit will be given for work at other institutions until he has a written statement as to what credit will be accepted. In particular, any student of Christopher Newport College who proposes to attend a summer session elsewhere must have written permission in advance from the Dean of the Faculty. The request for such permission should be submitted on a form available from the Office of the Registrar. Credits carrying a grade of "D" will not be accepted for transfer to Christopher Newport College.

#### Typical Program for the Student Who Expects to Transfer to a Four-Year College at the End of Two Years

FIRST YEAR	Semester Credits
Freshman English .....	6
Biology, chemistry, or physics .....	10
Ancient language or Modern language .....	6 or 8
History 101, 102, Government 101, 102 .....	6
Electives (if appropriate) .....	
Required physical education .....	2

SECOND YEAR	Semester Credits
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Mathematics or Philosophy 201, 202 .....	6
Ancient language or Modern language .....	6
Economics, government, or sociology .....	6
Electives .....	
Required physical education .....	2

#### Typical Program in Business Administration

This program is planned to acquaint the student with the fundamentals of modern business organization so that he may take a position in business life after two years of college.

#### FIRST YEAR

	Semester Credits
Freshman English .....	6
Speech 101 .....	3
Business 102 .....	3
Biology, chemistry, or physics .....	10
Mathematics 105, 106 .....	6
Electives (if appropriate) .....	
Required physical education .....	2

#### SECOND YEAR

	Semester Credits
Business 201, 202 (Principles of Accounting) .....	6
Government, history, or sociology .....	6
Economics 201, 202 .....	6
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Psychology 201 .....	3
Electives (if appropriate) .....	
Required physical education .....	2

#### Typical Program in Pre-Engineering

This outline should be accepted only as a guide. Final decision on programs must be based on the academic background of the individual student and on the requirements set forth by the school to which the student wishes to transfer.

#### FIRST YEAR

	Semester Credits
Freshman English .....	6
Chemistry 101, 102 .....	10
Graphic Arts 101, 102 .....	6
History 101, 102 .....	6
Mathematics 103, 201 .....	6
Required physical education .....	2

#### SECOND YEAR

	Semester Credits
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Economics 201, 202 .....	6
Mathematics 202, 203 .....	6
Physics 201, 202 .....	10
Electives .....	
Required physical education .....	2

#### Typical Program for Prospective Teachers

#### FIRST YEAR

	Semester Credits
Freshman English .....	6
Biology, chemistry, or physics .....	10
Ancient language or Modern language .....	6 or 8
History 101, 102 .....	6
Electives (if appropriate) .....	
Required physical education .....	2



## SECOND YEAR

	Semester Credits
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Ancient language or Modern language .....	6
History 201, 202 .....	6
Psychology 201 .....	3
Mathematics 105, 106 .....	6
Electives (if appropriate) .....	
Required physical education .....	2

Typical Program in  
Preparation for Dentistry

## FIRST YEAR

	Semester Credits
Freshman English .....	6
Chemistry 101, 102 .....	10
Biology 101, 102 .....	10
Mathematics 101, 102 .....	6
Required physical education .....	2

## SECOND YEAR

	Semester Credits
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Physics 103, 104 .....	10
Chemistry 201, 202 .....	8
Economics, history, government or sociology .....	6
Required physical education .....	2

Following this program, students will complete one more year of training at a four-year college before enrolling in a dental school.

Typical Program in  
Preparation for Medicine

## FIRST YEAR

	Semester Credits
Freshman English .....	6
Chemistry 101, 102 .....	10
Biology 101, 102 .....	10
Mathematics 103, 201 .....	6
Required physical education .....	2

## SECOND YEAR

	Semester Credits
English 201, 202, 203, 204 or Humanities 201, 202 .....	6
Mathematics 202, 203 .....	6
Physics 201, 202 .....	10
Chemistry 201, 202 .....	8
Economics, history, government or sociology .....	6
Required physical education .....	2

Following this program, students will complete two more years training in a four-year college before enrolling in a medical school.

## COOPERATIVE DISTRIBUTION PROGRAM

## Two-Year Certificate

This program is designed to prepare students for middle-management, supervisory or specialized sales careers in retail, wholesale and service businesses. It provides technical and professional classroom instruction coordinated with directed occupational experience in distributive businesses. It is offered in cooperation with the Distributive Education Service of the State Department of Education.

Under the cooperative plan, students follow a regular class schedule and receive an average of 500 hours of on-the-job training during the college year in selected businesses in the area. According to the student's career interests, aptitudes, and previous work experience, the teacher-coordinator of this program guides and advises the student in curriculum planning, job placement, and progress at school and on the job.

The program offers both a preparatory and a regular sequence of courses. The regular sequence is designed for those students who have had previous work experience in distribution or at least one year of Distributive Education in high school. The preparatory sequence is for those without such previous experience.

In addition to the core program of distribution, the student also receives general courses in liberal arts. The Cooperative Distribution Program may be terminal or may lead to a four-year degree program in such fields as Retailing, Advertising, Distributive Education, or Business Administration. The student planning to transfer credits to an institution offering these degree programs is advised to consult the catalogue of such institutions to determine the transferability of courses.

It is to be noted that to earn the Associate in Arts degree from Christopher Newport College the student in the Distributive Education program must add ten hours of a laboratory science (Biology is recommended) and six hours of mathematics to the Certificate Program.

The student must have attained a minimum quality point average of 1.00 in order to qualify for the Certificate or the Associate in Arts degree.

## FIRST YEAR

	Semester Hour Credits			
	1st Semester		2nd Semester	
	Prep.	Regular	Prep.	Regular
Cooperative Distribution 100 .....	3	—	—	—
Cooperative Distribution 101 .....	—	5	5	—
Cooperative Distribution 102 .....	—	—	—	5
English 101-102 .....	3	3	3	3
History 201-202 .....	3	3	3	3
Speech 101 .....	3	—	—	—
Elective (Psychology 201 recommended) .....	3	3	3	3
	15	14	14	14



## SECOND YEAR

	Semester Hour Credits			
	1st Semester		2nd Semester	
	Prep.	Regular	Prep.	Regular
Cooperative Distribution 102 .....	5	—	—	—
Cooperative Distribution 205 .....	3	3	—	—
Cooperative Distribution 208 .....	—	—	3	3
Cooperative Distribution 202 .....	—	—	5	5
Cooperative Distribution 201 .....	—	—	3	3
Cooperative Distribution 203 .....	3	3	—	—
Economics 201-202 .....	3	3	3	3
English 201-202, 203, 204 or Humanities 203-204	3	3	3	3
Speech 101 .....	—	3	—	—
	17	15	17	17

## COURSES OF INSTRUCTION

## Ancient Language

101, 102. *Elementary Latin*. Continuous course; lectures four hours; four credits each semester. Students who have acquired two high school units in Latin may not take Latin 101, 102 for credit.

This course is designed to equip the student with a mastery of the structure of the Latin language, together with an extensive building of vocabulary. There are translations from appropriate texts, including Caesar's *De Bello Gallico*, and parallel study of pertinent aspects of Roman life and history.

103, 104. *Grammar Review, Reading of Prose and Poetry*. Continuous course; lectures three hours; three credits each semester. Prerequisite: at least two units of high school Latin or Latin 101, 102.

A course for students who have had two years of high school Latin or the equivalent, and for more advanced students who wish to refresh their knowledge with a view of applying it to other subjects. In the first semester (103) there is a review of the elements of the language and the reading of passages from selected authors with emphasis upon Cicero. Parallel study of the history and institutions of Republican Rome. In the second semester (104) there is reading of selected books of *Vergil's Aeneid*. Parallel study of the history and institutions of the Empire; the epic and its influence upon subsequent literature.

## Biology

101, 102. *Principles of Biology*. Continuous course; lectures three hours; laboratory four hours; five credits.

A study of the basic principles of biology as revealed by research and experimentation and the relation of these principles to the success of living organisms.

112N. *Microbiology*. Summer session; lectures three hours; laboratory two hours; four credits.

A course designed primarily for students in the pre-nursing program.

A course designed to acquaint the student with the elementary principles of bacteriology. Emphasis is placed on micro-organisms as etiological agents in disease, on practical methods of disinfection, and on the factors of infection and immunity. Attention is given to the public health aspect of infectious diseases and the responsibilities of the nurse.

113. *Human Anatomy and Physiology*. Second semester; lectures four hours; laboratory three hours; five credits.

The aim of this course is to give the student a comprehensive and systematic knowledge of the living processes and the structure and function of the human body. Dissections and demonstrations carried out in the laboratory will parallel the lectures.

201. *Embryology of Vertebrates*. First semester; lectures three hours; laboratory six hours; four credits. Prerequisite: Biology 101, 102.

Comparative description and analysis of development in representative vertebrate embryos. Lectures and laboratory on spermatogenesis, oogenesis, and normal development of amphibians, birds, and mammals; lectures and laboratory designed to illustrate the general principles governing growth and development.

202. *Comparative Anatomy of Vertebrates*. Second semester; lectures three hours; laboratory six hours; four credits. Prerequisite: Biology 101, 102.

Phylogenetic study of the development of the different systems of the higher vertebrates. Dissections and demonstrations by the student.

206. *Plant Taxonomy*. Second semester; lectures two hours, laboratory six hours; four credits. Prerequisite: Biology 101, 102.

A study of the phyletic relationships of flowering plants and of ferns; principles of classification; collection and identification of local flora.

208. *Morphology and Phylogeny of Plants*. First semester; lectures three hours; laboratory six hours; four credits. Prerequisite: Biology 101, 102.



The morphology of representative plants from the various groups is studied in the laboratory and in the field, with emphasis on reproductive processes and phylogenetic relationships.

216. *Invertebrate Zoology*. Second semester; lectures three hours; laboratory six hours; four credits. Prerequisite: Biology 101, 102.

The morphology and ecology of representative types of invertebrates are studied in the field and in the laboratory.

314. *Biological Evolution*. First semester; lectures three hours; three credits. Prerequisite: Biology 101, 102 or by consent of the instructor.

Principles of biological evolution. Detailed discussion of natural selection, adaptation, population genetics, isolating mechanisms, and speciation.

### Business

102. *Introduction to Business*. Both semesters; 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.

301, 302. *Intermediate Accounting*. Continuous course; lectures three hours; three credits each semester. Prerequisites: Business 201, 202.

An analysis of balance sheets and profit and loss statements, together with the theory of valuation underlying the various accounts used in these statements.

303. *Cost Accounting*. First semester; lectures three hours; three credits. Prerequisites: Business 201, 202.

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

### Chemistry

101, 102. *General Chemistry and Qualitative Analysis*. Continuous course; lectures three hours; laboratory four hours; five credits each semester. Prerequisite: Satisfactory scores on the Chemistry placement test.

The fundamental laws of general chemistry are emphasized through problem solving and quantitative laboratory experiments during the first semester.

Qualitative analyses of the common ions introduce and illustrate the principles of equilibrium and expand the students' knowledge of periodic table relationships during the second semester.

113, 114. *Introductory College Chemistry*. Lectures three hours; laboratory two hours; four credits.

The basic facts and principles of chemistry, including a broad survey of applications to other fields. During the second semester especial attention will be given to organic compounds and reactions of biological importance. This course should not be elected by students who plan to take further work in chemistry.

201, 202. *Organic Chemistry*. Continuous course; lectures three hours; laboratory five hours; four credits each semester. Prerequisite: Chem. 102.

Chemistry of the various organic functions. Reactivity is correlated with electronic and three-dimensional aspects of compounds of carbon.

### COOPERATIVE DISTRIBUTION

100. *Distribution Seminar*. First semester; lectures three hours; three credits.

A study of distributive institutions, the functions they perform and the problems met in the process of moving goods from the producer to the consumer.

101. *Principles of Salesmanship*. Either semester; lectures three hours and occupational training; five credits.

Effective selling techniques, careers in selling, selling and the economy, and selling ethics are discussed and related to the student's directed occupational experience. The student is required to give a number of sales demonstrations in class in order to show his ability to conduct a sales interview. A minimum of 300 hours employment.

102. *Principles of Marketing*. Second semester; lectures three hours and occupational training; five credits.

Channels of distribution, manufacturing, wholesaling, retailing, service businesses and the consumer are included to give the student an understanding of the many activities and jobs involved in the process of distributing goods and services. Classroom instruction is related to job experience. A minimum of 300 hours employment.

201. *Store Organization and Operation*. Second semester; lectures two hours; laboratory two hours; three credits.

Operation and service activities as functions of store management. The areas of store location and layout, customer services, receiving and marketing and protection are covered. Field trips to selected retail and service operations are scheduled each week.



202. *Personnel Techniques in Distribution*. Second semester; lectures three hours and occupational training; five credits.

A study of personnel techniques used in supervisory and mid-management positions which include how to supervise, how to train, how to interview, employee motivation and a basic understanding of the personnel management function. Classroom instruction is related to the student's job experience. A minimum of 300 hours employment.

203. *Sales Promotion*. First semester; lectures three hours; three credits.

The scope and activities of sales promotion in stores with emphasis on the coordination of advertising, display, special events and publicity. External and internal methods of promoting business; budgeting, planning and implementing the plan.

205. *Product Knowledge*. First semester; lectures three hours; three credits.

A study of materials used, construction, care and government regulations of various types of merchandise such as textiles, chinaware, glassware, silverware, leather, jewelry, furniture and other types of home furnishings. Values and quality standards for the consumer are stressed.

208. *Mathematics of Distribution*. Second semester; lectures three hours; three credits.

Basic mathematical processes applied to store problems with emphasis given to discounts, invoices, markup—individual and purchase—expenses and selling cost; and summary of Profit and Loss statements.

### Economics

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

This course deals with the theory of market price, the theory of distribution, the theories of money and banking and of foreign trade and foreign exchange, as well as the practical problems associated with these aspects of economic systems. Labor problems, transportation, the trust problem, public finance, and possible reforms in the economic system as a whole are also studied. Special attention is given to current economic problems during the second semester.

### English and Speech

001. *Preparatory English*. Both semesters; lectures three hours; non-credit. (Non-credit equivalency of three hours for tuition purposes. See page 29 (fees))

Review of the fundamentals of grammar, sentence structure, punctuation, mechanics, and spelling.

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

English 101, 102 is designed for the student who has had no more than the usual training in grammar, composition and literature. The course includes a review of central principles of grammar and rhetoric; the writing of themes and a research paper; the reading and discussion of literary types; expository prose, the short story, the novel, the drama and poetry. A Minimum Essentials Test covering grammar, sentence structure, capitalization and spelling will be administered prior to admission to English 101.

103, 104. *Grammar, Composition and Literature*. Continuous course; lectures three hours; three credits each semester.

Designed for the able student who had previously received and profited from unusually thorough training in grammar and composition. The course covers incidental correction of individual faults in grammar and rhetoric but is primarily designed to give as full a scope as possible for individual writing ability. The course substitutes for review of grammar, a greater amount of reading in good literature, both for the inherent value of this activity and for its bearing on development of individual skill in composition.

Students are assigned by the Department of English to English 103, 104 on the basis of high achievement on a theme of about five hundred words designed to reveal the student's critical and creative abilities, and on a standard English proficiency test.

201, 202. *English Literature*. Continuous course; lectures three hours; three credits each semester.

A survey of English literature, with collateral readings, discussions and reports.

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

The course presents a survey of American literature before Whitman, emphasizing the major writers and the influences upon literature of the principal literary and philosophical movements. The student is required to maintain a satisfactory standard of written and spoken expression.

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

The major authors from Whitman to the present are studied with special emphasis on their relationship to the principal literary movements. The student is required to maintain a satisfactory standard of written and spoken expression.

209. *Composition*. Second semester; lectures three hours; three credits. Admission to course by permission of instructor.

Practice in writing under criticism; regular themes and conferences. The chief stress is placed on expository writing.

359. *The Romantic Period, 1798-1832*. First semester; lectures three hours; three credits.



A study of the dominant ideas and conventions of English romanticism as expressed through major poets and critics of the period: Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, Hazlitt.

360. *The Victorian Age*. Second semester; lectures three hours; three credits.

A study of the intellectual crises of the age as expressed primarily by leading poets and essayists from Carlyle to Hardy.

371. *American Literature, 1607-1860*. First semester; lectures three hours; three credits.

A survey course covering the period from 1607 to 1860, and emphasizing not only the chief writers and their works but also the cultural trends and principles that have been basic in American life and thought.

372. *American Literature, 1860 to the Present Time*. Second semester; lectures three hours; three credits.

A survey course covering American writing since 1860 and the factors contributing to its development.

Speech 101. *Public Speaking*. Both semesters; lectures three hours; three credits.

A study of the techniques of speech: to derive an appreciation of the art of public speaking by analysis of noteworthy speeches, and to acquire skill in practical public speaking by construction and delivery of original speeches. This course complements English studies.

Speech 103. *Oral Reading*. Both semesters; lectures three hours; three credits.

The study of appreciation and understanding of literature by analysis of significant prose and poetry selections, and the acquisition of skill in oral interpretation by frequent presentations in the class room. This course complements English studies.

### Government

101. *Introduction to Political Science*. First semester; lectures three hours; three credits.

An introduction to the study of politics in the Western tradition including an examination of political institutions and processes, political theory, political ideologies, state systems, constitutionalism, and international relations.

102. *The American Political System*. Second semester; 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.

201. *Comparative Government*. First semester; lectures three hours; three credits. Prerequisites: Government 101, 102 or six hours of history or consent of the instructor.

A nation by nation approach dealing with comparative political institutions and various aspects of governments studied with each other as well as with the United States. Primary attention is given to European political systems.

202. *International Relations*. Second semester; lectures three hours; three credits. Prerequisites: Six hours of history or government or consent of the instructor.

An introductory study of International Relations. An analysis is made of the factors and sources of national power and the employment of this power in the maintenance of peace. Diverse materials in the field of International Relations are given close scrutiny.

### History

101. *History of Europe*. First semester; 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*. Second semester; 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*. First semester; lectures three hours; three credits.

History of the United States from the Colonial Period to the Civil War, with special emphasis on the period since 1776.

202. *American History*. Second semester; lectures three hours; three credits.

The development of the United States from the Civil War to the present.

### Humanities

201. *Literature: Homer to Vergil*. First semester; lectures three hours; three credits.

A study of the Greek, Judaeo-Christian, and Roman man as reflected in the major literary documents of these cultures. Intensive reading and class discussion, emphasizing method and meaning, will be supplemented by written analyses of selected works. All works will be studied from an English translation.



202. *Literature: Dante to Dostoevski*. Second semester; lectures three hours; three credits.

A study of the Medieval, Renaissance, Enlightenment and Modern man as reflected in the major literary documents of these milieus. Intensive reading and class discussion, emphasizing method and meaning, will be supplemented by written analyses of selected works. All works will be studied from an English translation.

### Mathematics

Graphic Arts 101. *Engineering Drawing*. First semester; 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 springs. 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.

001. *Preparatory Algebra*. Non-credit. Offered in the Evening College only. (Non-credit equivalency of three hours for tuition purposes. See page 29 (fees))

For entering students who have had previously only one year of high school algebra, or who have not completed any high school mathematics during the previous two years. Course includes fundamental operations, linear equations, systems of equations, ratio, proportion and variation, coordinate systems and graphs of functions.

This course specifically prepares the student for the terminal mathematics sequence of Mathematics 105, 106.

011. *Intermediate Algebra*. Non-credit. Offered in the Evening College only. (Non-credit equivalency of three hours for tuition purposes. See page 29 (fees))

This is an accelerated review course which is designed to prepare the student for pre-calculus college mathematics. Mathematics 101, 102, or Mathematics 103, are the courses which the student would plan to enter upon completion of this course.

Prospective students should have completed two years of high school algebra.

To satisfy the distribution requirement of six hours of mathematics, the student must take one of the following sequences:

Math. 101, 102

Math. 105, 106

Math. 103, 201

Math. 102, 201

or any six hours on the 200 level.

101. *Algebra*. Lectures three hours; three credits. The first semester of a two-semester course designed for students interested in higher mathematics and/or science. Minimum prerequisite: two units of high school algebra.

The main topics covered are: Vectors, coordinate geometry, functions, binomial theorem and factoring; exponents, radicals and solutions to equations; matrices and determinants; inequalities.

102. *Algebra, Trigonometry, and Analytic Geometry*. Lectures three hours; three credits. The second semester of a two-semester course designed for students interested in higher mathematics and/or science. Prerequisite: Mathematics 101.

The main topics covered are: Functions and relations; roots of polynomial equations; exponential and logarithmic functions; trigonometric functions of angles and real numbers, including solution of triangles, identities and inverse trigonometric functions; complex numbers and DeMoivre's Theorem; basics of analytical geometry.

103. *Pre-Calculus Mathematics*. Lectures five hours; three credits. Admission to this course is by consent of the mathematics department.

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. Prerequisite: two units of high school algebra and one-half unit of trigonometry.

Course includes a brief review of the topics of algebra and a more thorough treatment of the following topics: Trigonometric functions of angles and real numbers, solution of triangles, identities and inverse trigonometric functions; complex numbers and DeMoivre's Theorem and basics of analytic geometry.

105-106. *Fundamental Concepts of Mathematics*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Equivalent of two units of high school algebra or satisfactory completion of Mathematics 001.

This is a study of the basic concepts of mathematics. Topics covered are: sets, logical systems, the development of our number system from natural to complex numbers, number bases, modular arithmetic, groups, introduction to algebra, graphing relations and functions, exponents, elementary geometry, elementary probability and statistics and others.

This course is particularly designed as a terminal mathematics course for the non-science student. The content is selected to give the student a comprehensive view of mathematics and its structure. This is also suitable for prospective elementary and secondary teachers.

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



201. Topics include: Basic analytics through conics; rate of change of a function, limits, and derivatives including implicit differentiation and the chain rule; significance of first and second derivatives in curve plotting; maxima and minima; Rolles Theorem and Mean Value Theorem; polar coordinate system and graphs of polar equations.

202. Topics include: Indefinite and definite integrals and the Fundamental Theorem of Integral Calculus; integral calculus applied to areas, volumes, arc lengths, surfaces of revolution, moments and centroids; differentiation and integration of transcendental functions; techniques of integration and improper integrals.

203, 204. *Advanced Calculus*. Lectures three hours; three credits each semester. Prerequisite: Mathematics 201 and 202.

203. Sequences and series, including Taylor's and Maclaurin's Series and convergence; solid analytic geometry and partial differentiation, with applications; l'Hopital's Rule.

204. The differential calculus applied to functions of several variables, including partial differentiation and derivatives of higher order, multiple and improper multiple integrals, line integrals and Green's Theorem, Fourier series and orthogonal functions.

230. *Elementary Computer Programming*. Both semesters; lectures three hours; three credits. No prerequisites.

Introduction to basic computer concepts and programming languages including FORTRAN IV and assembly languages with emphasis on the former. Principles of digital computers emphasized will include terminology, numerical systems, storage media, and input-output devices.

### Military Science Army

Available by arrangement with the Department of Military Science of the College of William and Mary, and offered on the Williamsburg campus.

Draft deferments (1D) are available for ROTC students who have completed one semester of college.

101. *First Semester, First Year Basic*. Lecture one hour, laboratory (drill) two hours; one credit.

A brief history and organization of the ROTC and reason for its continued growth. A short introduction to evolution of firearms with emphasis on assembly and disassembly, mechanical functioning, care and maintenance and methods of employment of the U. S. rifle caliber .30 M-1. School of the Soldier and Exercise of Command.

102. *Second Semester, First Year Basic*. Lecture one hour, laboratory (drill) two hours; one credit.

A brief presentation of national defense policy and world-wide

commitments that require support of the Armed Forces. A brief comparison of the military forces of the world. School of the Soldier and Exercise of Command.

201. *First Semester, Second Year Basic*. Lecture two hours, laboratory (drill) two hours; two credits.

*American Military History*. Military history as it has affected the the organization, military, tactical, social and similar patterns of our present-day army. School of the Soldier and Exercise of Command.

202. *Second Semester, Second Year Basic*. Lecture two hours, laboratory (drill) two hours; two credits.

Map and aerial photograph reading to include application of basic principles emphasizing terrain appreciation and evaluation; marginal information, military and topographic symbols, terrain orientation, elevation and relief, intersection and resection and use of the compass.

Introduction to operations and basic tactics and introduction to counterinsurgency operations. School of the Soldier and Exercise of Command.

\*301. *First Semester, First Year Advanced*. Lecture two hours, laboratory (drill) two hours; one credit.

*Leadership*. The study of leadership from the functional approach; Role of the leader as head of the group; Interaction between the Company Commander, the Platoon Leader, and the Platoon Members; Responsibilities of the leader. School of the Soldier and Exercise of Command.

*Branches of the Army*. Organization, functions and mission of the arms and services; familiarization of the organization, functions and mission of the various arms and services in the overall mission of the Army.

*Counterinsurgency*. Nature and causes of insurgency, the concept of counterinsurgency operations, and the role of the US Army in countering insurgencies.

302. *Second Semester, First Year Advanced*. Lecture three hours, laboratory (drill) two hours; three credits.

*Military Teaching Principles*. Educational psychology as pertaining to the five stages of instructional techniques and importance of each; techniques used in planning and presenting instruction; speech for instructor; the construction and use of training aids.

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\* Credit for MS 101, 102, 201 and 202 (Basic Course) is prerequisite—along with other requirements. In addition to MS 301, 302, 401 and 402 advanced ROTC students are required to take six semester credits which are not part of the normal requirement of their major field. These credits are to be selected in coordination with the Professor of Military Science and will be within the following general areas: Science comprehension, general psychology, effective communication and political institutions.



*Small Unit Tactics and Communication.* Techniques of offensive and defensive combat and their application to the operations of the units of the Infantry Battalion. Familiarization with the means and techniques of communications. School of the Soldier and Exercise of Command.

### Modern Language

Students whose native language is not English will not be accepted for credit in the elementary course (101-102) of their native language. Placement in a higher level course will be determined after a conference with the instructor and also after the results of a placement test have been evaluated.

#### French

101, 102. *Elementary French.* Continuous course, including training in pronunciation, aural-oral comprehension with the use of audio-visual techniques. Lectures five hours; four credits each semester. Students who have acquired 2 high school credits in French may not take French 101, 102 for credit.

201. *Graded Readings in French Prose.* First semester; lectures three hours; three credits. Prerequisite: two high school units or the equivalent. Students who have acquired three high school units in French may not take French 201 for credit.

Reading course that includes a grammar review.

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

Selected readings from the literature of the nineteenth and twentieth centuries.

209. *Introduction to French Literature from the Renaissance to the end of the 18th Century.* First semester; lectures three hours; three credits. Prerequisite: four high school units or 202 or the equivalent.

A study of the historical development of the literary genres of the periods covered.

210. *Introduction to French Literature of the 19th and 20th Centuries.* Second semester; lectures three hours; three credits. Prerequisite: French 209 or the equivalent.

Study of the historical development of the literary genres of the 19th and 20th Centuries.

#### German

101, 102. *Elementary German.* Continuous course; lectures five hours; four credits each semester. Training in pronunciation, aural-oral comprehension with the use of audio-visual techniques.

Students who have acquired two high school units in German may not take German 101, 102, for credit.

201. *Graded Readings in German Prose.* First semester; lectures three hours; three credits. Students who have acquired three high school units in German may not take German 201 for credit.

A reading course which includes a grammar review.

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

Selected readings from the masterpieces of German literature.

207. *The German-Speaking Peoples and Their Civilization.* First semester; lectures three hours; three credits. Prerequisite: four high school units or 202 or the equivalent.

Reading course embodying the most important elements of Germanic Civilization, designed as an introductory step to the 300 courses.

208. *Introduction to German Literature.* Second semester; lectures three hours; three credits. Prerequisite: German 207 or the equivalent.

A study and discussion of the representative genres of German literature designed as an introductory step to the 300 courses.

#### Spanish

101, 102. *Elementary Spanish.* Continuous course, including training in pronunciation, aural-oral comprehension with the use of audio-visual techniques. Lectures five hours; four credits each semester. Students who have acquired 2 high school units in Spanish may not take Spanish 101, 102 for credit.

201. *Intermediate Spanish Readings.* First semester; lectures three hours; three credits. Prerequisite: two high school units or the equivalent. Students who have acquired three high school units in Spanish may not take 201 for credit.

A reading course which includes a grammar review.

202. *Readings in Modern Literature.* Second semester; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course or the equivalent.

Selected readings from the literature of the nineteenth and twentieth centuries.

205. *Intermediate Grammar and Composition.* First semester; lectures three hours; three credits. Prerequisite: Spanish 202 or the equivalent.

Review of main principles of syntax; composition.

206. *Intermediate Conversation.* Second semester; lectures three hours; three credits. Prerequisite: Spanish 205 or the equivalent.



Phonetics; intensive oral-aural training.

207. *The Spanish Heritage*. First semester; lectures three hours; three credits. Prerequisite: four high school units or 202 or the equivalent.

Reading course embodying the most important elements of Hispanic civilization, designed as an introductory step to the 300 courses in literature.

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

Selected readings from Spanish literature from the beginning to the present. A reading course designed as an introductory step to 300 courses in literature.

### Philosophy

201. *The History of Philosophy*. First semester; 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*. Second semester; 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.

301. *Introduction to Logic*. First semester; lectures three hours; three credits. Will not be offered in 1968-69 session.

An introduction to principles of valid reasoning with special emphasis on modern symbolic techniques.

302. *Intermediate Logic*. Second semester; lectures three hours; three credits. Will not be offered in 1968-69 session.

A continuation of Philosophy 301.

### Physical Education for Men

Students are expected to complete four semester hours credit in the required courses in physical education during their first two college years. Each student must attain a satisfactory degree of proficiency in

one team or group activity, one individual indoor activity, and one individual outdoor activity; the fourth course is an elective, but should not duplicate any of the other three credits presented. Placement in activities will be based on the results of initial skill tests. Students with physical defects will be registered in a special adapted sports class on the recommendation of a physician. A regulation uniform is required.

Instruction is given in the following individual and group activities: badminton, basketball, bowling, golf, gymnastics, soccer, tennis, track and field, volleyball, weight training, and wrestling.

### Physical Education for Women

Students are expected to complete four semester hours credit in the required courses in physical education during their first two college years. Proficiency must be established in team sports, individual sports, gymnastics and dance. If a student's health restricts her participation, she shall arrange her physical education program in consultation with the chairman of the department. A regulation uniform is required.

*Team Sports*. Both semesters; two double periods; one credit. Seasonal activities; field hockey, basketball, volleyball, soccer.

*Gymnastics*. Both semesters; two double periods; one credit.

*Dance*. Both semesters; two double periods; one credit.

*Individual Sports*. Both semesters; two double periods; one credit.

*Adapted Activities*. Both semesters; two double periods; one credit. Upon the recommendation of the physician the Adapted Activities courses may be substituted for the required courses.

### Physics

103, 104. *Elementary Physics*. Continuous course; lectures and recitation four hours; laboratory two and one-half hours; five credits each semester.

A beginning course in physics which satisfies distribution requirements in the field of science. The course is intended primarily for the non-science major and covers mechanics, heat, and sound during the first semester; electricity, light, and atomic physics during the second semester.

201, 202. *General Physics*. Continuous course; lectures and recitation four hours; laboratory two and one-half hours; five credits each semester. Prerequisite: completion of one semester in calculus.

A survey course in physics recommended for students majoring in science, mathematics or engineering. Mechanics, heat, and sound are studied in the first semester; electricity, light and modern physics in the second semester.



## Psychology

201. *Principles of Psychology*. Both semesters; lectures three hours; three credits.

A study of the basic principles of behavior according to the categories of general psychology; motivation, learning, maturation, emotion, thinking, perception, intelligence and the organization of personality. This course is a prerequisite for further work in the field of psychology.

202. *Contemporary Psychology*. Both semesters; lectures three hours; three credits.

A continuation of the introduction to psychology through the study of original literature in various fields. Prerequisite: Psychology 201.

211, 212. *Sophomore Research Seminar*. Hours to be arranged; one credit. Regularly taken with Psychology 201, 202. Enrollment by consent of instructor.

An introduction to independent scholarship for the student beginning in psychology. Recommended to concentrators.

301, 302. *Experimental Psychology*. Continuous course; lectures three hours; laboratory four hours; four credits.

This course presents information obtained by psychological research on the various basic attributes of behavior, with emphasis on the methods by which the facts are obtained.

305. *Abnormal Psychology*. First semester; 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. Prerequisite: Psychology 201.

307. *Developmental Psychology*. Second semester; lectures three hours; three credits.

A study of data and theory concerning the development of the individual from infancy to maturity. Congenitive, physiological and affective processes will be considered. Prerequisite: Psychology 201.

331. *Statistics, Measurement and Testing*. Second semester; lectures two hours; laboratory three hours; three credits.

An introduction to statistics, both descriptive and inferential, including simple analysis of variance and simple correlation. Basic principles of psychophysics and psychometric functions and their relation to theory of test construction and item analysis. This course is required in most colleges for a psychology major. Prerequisite: Psychology 201.

## Sociology

201, 202. *General Sociology*. Continuous course; lectures three hours; three credits each semester.

An introduction to the study of human society. The basic concepts of society, culture, and personality and their relationships 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 in human society. Political, economic, religious, and familial institutions are studied as well as additional concepts of social class, caste, and social change.



## THE EVENING COLLEGE

A special bulletin for Fall, Spring and Summer Sessions giving full details concerning the Evening College may be obtained by writing to the Coordinator of the Evening College.

### SUMMER SESSION OF THE EVENING COLLEGE

The Summer session of the Evening College is designed to serve the needs of students as follows:

1. *Those who wish to accelerate their programs.* High school graduates who have been accepted for fall admission often desire to enter college in June instead of waiting until September and thus save much valuable time and expense. Part-time Evening College students may continue their studies during the summer.
2. *Those who wish to improve their programs.* If a student has been unable to progress toward his educational objective at a satisfactory rate at Christopher Newport College, or at another accredited institution, the Summer Session provides an excellent opportunity to make up deficiencies.
3. *Those who wish to become certified to teach in public schools.* Students who wish to teach must complete certain academic subjects. The Summer Session provides an opportunity to attain this objective, or to earn credit needed for the renewal of certificates.
4. *Those who wish to take advantage of summer employment opportunities.* The evening summer program allows students to seek gainful employment during the day and attend classes in the evening.

Admission to the Summer Session does not automatically admit a student to the regular session. Those wishing to be admitted to the Day College in September should initiate the regular admission procedure through the Registrar. Students wishing to be admitted to the regular session of the Evening College which begins in September should apply personally to the Coordinator of the Evening College.