



## Chapter | 10

### PROGRAMS OF STUDY



#### Instructional Programs

Instructional programs and/or program options offer three levels of achievement: (a) the Associate of Arts (A.A.); Associate of Science (A.S.); Associate of Applied Science (A.A.S.) degrees; (b) certificate of completion (Cert.); and (c) letter of recognition (LOR). Descriptions of the college requirements for these categories are found in Chapter 5, Academic Information, under the heading “Graduation Requirements.”

You should consult with a counselor as early as possible in your studies at PGCC, particularly if you are interested in transfer, to assure enrollment in the appropriate program.

#### Career Programs

Career programs and program options provide the technical skills necessary for employment and career advancement within a particular area of study. Often, credits earned in a career program may be transferable into a bachelor’s degree program at a four-year college or university. But these programs are not designed specifically to parallel the first two years of university study. Students should note that the majority of courses required within career programs may not be transferable to many four-year colleges.

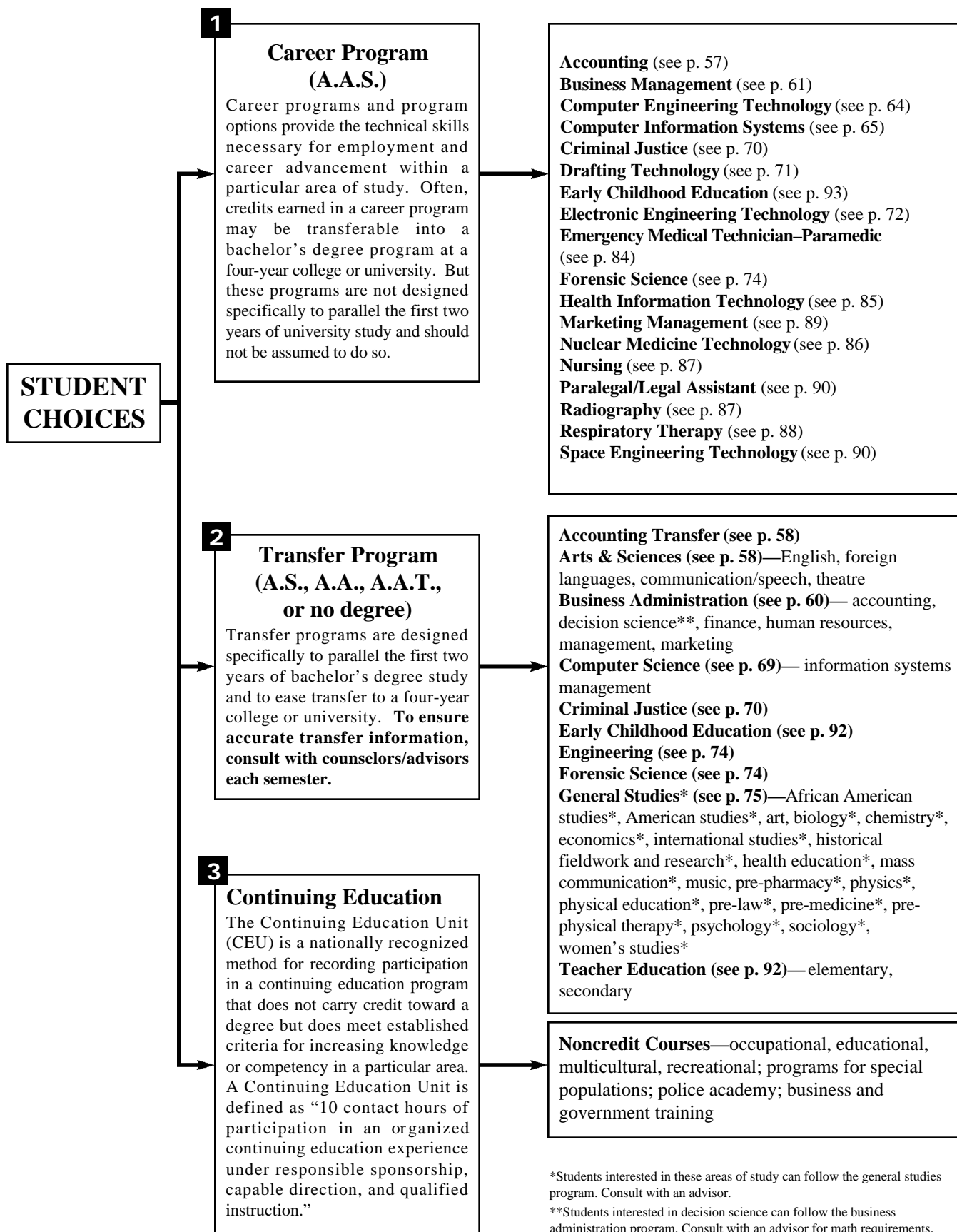
#### Transfer Programs

Transfer programs are designed specifically to parallel the first two years of bachelor’s degree study and to ease transfer to a four-year college or university.

Approximately one-half of the students enrolled at Prince George’s Community College are planning to transfer to a college or university bachelor’s degree program to continue their studies. Prince George’s Community College graduates have transferred to and successfully completed the bachelor’s degree at a wide variety of institutions, both within Maryland and across the nation. The majority of PGCC students transfer to one of the University of Maryland campuses, particularly University of Maryland, College Park and University of Maryland University College (UMUC).

The key to successful transfer lies in proper planning. Prince George’s Community College maintains transfer agreements with most area colleges and universities, and members of the counseling staff are well versed in the requirements of most four-year institutions. **Students who plan to transfer are urged to meet with an advisor as early as possible in their studies at the college** to ensure that all or most of their course credits will transfer to the school of their choice.

# What Are My Choices at PGCC?



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## ARTICULATED PROGRAMS

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**Check with Advising and Counseling Services, 301-322-0151, for specific requirements and details.**

- **Baltimore International College**  
Prince George's Community College students who complete the associate's degree in Business Management or Business Administration may transfer to Baltimore International College to complete the requirements for the Bachelor of Science degree.
- **The BIO MAP Program**  
The BIO MAP program, supported by the National Institutes of Health, is a partnership of selected institutions interested in encouraging students of color to pursue education and future careers related to basic and applied biomedical research. BIO MAP students enroll at PGCC and then transfer to the University of Maryland campuses at College Park or Baltimore County.  
BIO MAP students are selected based on their cumulative grade-point average, SAT scores, faculty recommendations, and future career interests. Candidates are expected to have a minimum grade-point average of 3.0 in mathematics and science courses; have completed or be enrolled in precalculus; completed 8 credits of laboratory science, and be willing to participate in a paid summer research internship at either the University of Maryland at College Park or the University of Maryland Baltimore County. Contact: Dr. Lloyd T. McAtee, Professor of Biology, 301-322-0420.
- **Bowie State University—Bachelor of Science in Technology**  
Prince George's Community College students who complete the associate's degree in an applied sciences career program can transfer to Bowie State University and complete the Bachelor of Science in Technology degree. Some junior/senior level courses are offered on the PGCC campus.
- **College of Notre Dame of Maryland, BSN Program**  
Prince George's Community College nursing students and other county residents who hold an associate degree in nursing can take junior/senior level courses on the PGCC campus to complete the BSN in nursing. Courses are offered through a weekend format.
- **Johns Hopkins University School of Continuing Studies (JHU/SCS)**  
Prince George's Community College students who complete the Associate of Science in Business Administration degree with a minimum 3.0 cumulative grade-point average *will* be able to transfer a total of 60 credits to JHU/SCS and begin the Business Core with Junior Standing. Students who complete an Associate of Arts in Business Management, have fewer than the number of credit hours required for an associate's degree, or have a cumulative grade-point average between 2.50 and 2.99 are eligible for admission; however, all courses will be evaluated on a course-by-course basis. No courses completed with a grade of D or lower will transfer under any circumstances.
- **Salisbury University—Respiratory Therapy Program**  
Prince George's Community College students who complete the Respiratory Therapy Program may transfer to Salisbury University and complete the bachelor's degree program.
- Under a statewide articulation agreement, **PGCC LPNs and RNs** can advance from one type of nursing program to another through examinations and/or direct transfer. Specific requirements may vary by receiving institution.
- **Towson University (TU)/PGCC 2+2 Program in Teacher Preparation**  
Students who earn the A.A.T. degree may complete their junior and senior years of teacher preparation on the PGCC campus and in the local Prince George's County Public Schools. Upon completion of the bachelor's degree from Towson University, graduates will be certified to teach elementary/middle school in the state of Maryland.
- **University of Baltimore (UB)**  
Students who earn the A.S. degree in Forensic Science Studies at PGCC may transfer to the University of Baltimore to complete a B.S. degree in Forensic Science.
- **University of Maryland Baltimore County (UMBC)/PGCC-Teacher Education**  
Students who earn the A.A.T. degree from PGCC may earn their bachelor's degree from UMBC at a \$500 per semester reduced tuition rate.
- A new **Bachelor of Technical and Professional Studies** degree at the University System of Maryland developed in 1999 includes the baccalaureate in health program for allied health graduates as part of this degree. This program allows for complete transfer of all 60-70 credits in a health field or applied engineering/technology fields to a senior institution. Articulation agreements will be established between individual colleges and universities.
- **Howard University**  
Pre-med and transfer programs.

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## DUAL ADMISSION

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Prince George's Community College (PGCC) and University of Maryland University College (UMUC), under a partnership termed the Alliance, agree to enable bachelor's degree-seeking students to be simultaneously admitted to PGCC and UMUC through a single admission process. PGCC and UMUC further agree to offer selected articulated programs leading to the award of associate's and bachelor's degrees. Students may enroll in these programs either concurrently or consecutively.

The requirements for associate-level to bachelor's-level completion in specific curricula are set forth below.

Concurrent enrollment and articulated programs are offered in the following disciplines:

**Arts and Sciences-Related:** Students graduating with the PGCC Arts and Sciences A.A. degree can complete the B.S. or B.A. with an additional 60 credits at UMUC.

**Management-Related:** Students graduating with the PGCC Business and Management or Accounting A.A.S. degrees can complete the UMUC B.S. with a specialization in Accounting, Business Management, Management, or Management Studies with an additional 60 credits at UMUC.

**Business and Management:** Students graduating with the PGCC Business Administration A.S. degree can complete the UMUC B.S. with a specialization in Business Management, Management, Management Studies, and Technology Management with an additional 60 credits at UMUC.

**Computer-Related:** Students graduating with the PGCC Computer and Information Systems A.A.S. degree can complete the UMUC B.S. with a specialization in Computer Management Information Science, Computer Science, Computer Studies, or Information Systems Management with an additional 60 credits at UMUC.

**Criminal Justice or Forensic Science:** Students graduating with the PGCC Criminal Justice or Forensic Science A.A.S. degree can complete the UMUC B.S. with a specialization in Criminology/Criminal Justice with an additional 60 credits at UMUC.

**Paralegal:** Students graduating with the PGCC Paralegal A.A.S. degree can complete the UMUC B.S. with a specialization in Paralegal Studies with an additional 60 credits at UMUC.

**Check with Advising and Counseling Services, 301-322-0151, for specific requirements and details.**

## APPROVED PROGRAMS AND PROGRAM OPTIONS

### A.A.S.—Career Programs

Career Programs *may* be able to transfer to select institutions, but are *not* designed specifically for transfer. See an academic advisor.

### A.A./A.S./A.A.T.—Transfer Programs

These programs are designed specifically for transfer.

### Accounting Program (A.A.S., Cert., LOR)

Accounting (Cert., LOR)  
Accounting Professional (A.A.S.)  
Accounting & Taxation Option (LOR)  
Accounting Transfer Option (A.S.)  
CPA Preparation (Cert.)\*

### Arts and Sciences Program (A.A., Cert.)

Communication/Speech Option (A.A.)  
English Option (A.A.)  
Theatre Option (A.A.)  
Theatre/Entertainment Technology Option (Cert.)

### Business Administration Program (A.S.)

### Business Management Program (A.A.S.)

Construction Management Option (LOR)  
Developing a Professional Image Option (LOR)  
General Management Option (Cert.)  
Hospitality Services Management Option  
Food Service Management (LOR)  
Hotel/Motel Management (LOR)  
International Business and Entrepreneurship Option (LOR)  
Purchasing and Contracting (Cert.)  
Real Estate Option (LOR)  
Small Business Management Option (Cert.)

### Computer Engineering Technology Program (A.A.S.)

A+ Preparation (LOR)  
Computer Service Technology (Cert.)

### Computer Information Systems Program (A.A.S., Cert.)

Computer Networks Option (A.A.S.)  
Network Administration (Cert.)  
Systems Engineer Option (A.A.S.)  
Systems Administrator (Cert.)  
Web Technology Option (A.A.S., Cert.)  
Computer Programming Option (A.A.S., Cert.)  
Database Systems (Cert.)  
Computer Specialist Option (A.A.S.)  
Computer Graphics (Cert.)  
Microcomputer Systems Option (A.A.S.)  
Microcomputer Applications Specialist (Cert.)  
Technical Support Specialist Option (A.A.S., Cert.)

### Computer Science Program (A.S.)

Computer Science Option  
Information Science Option

### Criminal Justice Program (A.A.S., Cert.)

Criminal Justice Transfer Option (A.A.)

### Drafting Technology Program (A.A.S.)

Architectural Drafting Option (Cert.)  
Computer-Aided Drafting Option (Cert.)  
Engineering Drafting Option (Cert.)

### Electronic Engineering Technology Program (A.A.S.)

Electronic Service Technology Option (A.A.S.)  
Electronics Communications Option (Cert.)  
Electronics Microprocessors Option (Cert.)

### Engineering Program (A.S.)

### Forensic Science Program (A.A.S., Cert.)

Forensic Science Technology (A.A.S., Cert.)  
Forensic Studies (A.S.)

### General Studies Program (A.A., Cert.)

African American Studies Option (A.A.)  
American Studies Option (A.A.)  
Art Option (A.A.)  
Biology Option (A.A.)  
Chemistry Option (A.A.)  
Communication/Writing Option (A.A.)  
Economics Option (A.A.)  
Health Education Option (A.S.)  
Historical Fieldwork & Research Option (A.A.)  
General Education (Cert.)  
International Studies Option (A.A.)  
Mass Communication Option (A.A.)  
Music Option (A.A.)  
Physical Education Option (A.S.)  
Pre-Professional Options (A.A.)

- Pre-Law
- Pre-Medicine
- Pre-Pharmacy
- Pre-Physical Therapy

Psychology Option (A.A.)  
Sociology Option (A.A.)  
Women's Studies Option (A.A.)

For pre-professional program specifics, see options under General Studies, pp. 75-84.

### Health Technology Programs

Emergency Medical Technician–Paramedic (A.A.S.)  
Emergency Medical Technician–Paramedic (Cert.)  
Health Information Technology Program (A.A.S.)  
Medical Coder/Billing Specialist Option (Cert.)  
Nuclear Medicine Technology Program (A.A.S., Cert.)  
Nuclear Medicine Technology Option (Cert.)  
Nursing (RN) Program (A.S.)  
Nursing (LPN) Program (Cert.)  
Radiography Program (A.A.S.)  
Respiratory Therapy Program (A.A.S.)

### Marketing Management Program (A.A.S., Cert.)

### Ornamental Horticulture Program (LOR)

### Paralegal/Legal Assistant Program (A.A.S., Cert., LOR)

### Space Engineering Technology Program (A.A.S.)

Space Engineering Technology Option  
Computer Systems Technology Option  
Quality Assurance Technology Option

### Teacher Education and Early Childhood Education Programs

Early Childhood Education Program (A.A.S., Cert.)  
Teacher Education Program (A.A.T.)  
Elementary Education (A.A.T.)  
Secondary Education\* (A.A.T.)

# ACCOUNTING

**Accounting Program (A.A.S., Cert., LOR)**

- Accounting (Cert., LOR)
- Accounting Professional (A.A.S.)
- Accounting & Taxation (LOR)
- Accounting Transfer Option (A.S.)
- CPA Preparation (Cert.)

The Accounting Program provides three educational opportunities:

**Accounting Professional** associate's degree is designed to help prepare the student for employment in entry-level accounting positions, such as accounting assistant, accounting clerk, or accounting technician. An accountant should be able to analyze, compare, and interpret financial information. Functional skills that an accountant should possess include organizing, evaluating, coordinating, decision-making, and communicating effectively. Accountants should also be competent in computer applications.

Students entering the workforce after obtaining the Accounting Professional associate's degree may subsequently continue their education by pursuing a bachelor's degree at University of Maryland University College.

University of Maryland University College will accept the transfer of all courses within the Accounting Professional degree up to a maximum of 60 credits. A transfer student will be required to take at least 18 credit hours of upper-level accounting courses at University of Maryland University College.

**Accounting Transfer Option** is for students who plan to transfer to accounting programs of four-year universities or colleges, and is designed to minimize the loss of any transfer credits. It is suggested that a transfer student seek approval of their prospective four-year school or consult with counseling before registering for any 200-level accounting course.

**CPA Preparation Certificate** is for those individuals who hold a bachelor's degree in some area other than accounting and need to meet the current education requirements of 57 credit hours in business and accounting to sit for the Uniform CPA Examination in Maryland. CPA candidates must have completed a total of 150 credit hours. CPA candidates are advised to periodically check with the Maryland State Board of Public Accountancy for any updates or changes to the exam requirements (410-333-6322).

For more information about the accounting program, call 301-322-0126.

**ACCOUNTING PROFESSIONAL** Code 410

*Associate of Applied Science Degree (A.A.S.)*

**Program Concentration** **42 Credits**

ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ACC 104 Microcomputer Applications in Accounting.....	3
ACC 201 Intermediate Accounting I.....	3
ACC 202 Intermediate Accounting II.....	3
ACC 203 Cost Accounting.....	3
ACC 221 Federal Income Tax.....	3
ACC 225 Business Finance.....	3
BUS 122 Business Law I.....	3
BUS 124 Business Law II.....	3

CIS 101 Computer Literacy*.....	3
MGT 101 Introduction to Business.....	3
Business-related electives.....	4

Choose from the following:

ACC 103	ACC 291-293	MGT 160
ACC 105-108	ECN 104*	MGT 162
ACC 204	* recommended for	MGT 173
ACC 207-208	UMUC transfer stu-	MGT 261
ACC 212	dents	MKG 251
ACC 222	MGT 150	PHL 140
ACC 281-284	MGT 157	RLS 103

**Supporting Courses/Electives** **26-28 Credits**

English Composition I and II*.....	6
Humanities*.....	3
SPH 101 or SPH 111	
Mathematics*.....	6
MAT 112 and MAT 114, MAT 119 or higher	
Science*.....	3-4
Social Sciences*.....	3
Any ECN or POS course	
Cultural Diversity*.....	3
MGT 272 recommended**	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 68 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Or any other Cultural Diversity General Education requirement (see p. 36).

**ACCOUNTING** Code 411

*Certificate*

**Program Concentration** **26 Credits**

ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ACC 201 Intermediate Accounting I.....	3
ACC 202 Intermediate Accounting II.....	3
ACC 203 Cost Accounting.....	3
ACC 221 Federal Income Tax.....	3
BUS 122 Business Law I.....	3
MGT 101 Introduction to Business.....	3

**Supporting Courses/Electives** **6 Credits**

Choose from the following:

ACC 103-108	Business elective	MGT 157
ACC 204	EGL 101	PHL 140
ACC 207-208	MAT 112 or	
ACC 212	higher	
ACC 222		

**Total required for certificate: 32 credit hours.**

**ACCOUNTING Code 413****Letter of Recognition**

<b>Program Concentration</b>	<b>11 Credits</b>
ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ACC 201 Intermediate Accounting I.....	3

**Total required for letter of recognition: 11 credit hours.**

**ACCOUNTING AND TAXATION Code 414****Letter of Recognition**

<b>Program Concentration</b>	<b>11 Credits</b>
ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ACC 221 Federal Income Tax.....	3

**Total required for letter of recognition: 11 credit hours.**

**ACCOUNTING TRANSFER OPTION Code 111****Associate of Science Degree (A.S.)****(Option of Business Administration)**

<b>Program Concentration</b>	<b>17 Credits</b>
ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ECN 103 Principles of Economics I.....	3
ECN 104 Principles of Economics II.....	3
MGT 101 Introduction to Business.....	3

**Supporting Courses/Electives 45-47 Credits**

English Composition I and II*	6
Humanities*	6
Choose one course from each group:	
Group A: SPH 101 or SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language or English literature course	
Mathematics*	9
MAT 135*, MAT 216, and MAT 221	
Science*	7-8
Two courses, one course must carry laboratory credit.	
Social Sciences*	3
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
Electives	6
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Or any other Cultural Diversity General Education requirement (see p. 36).

**CPA PREPARATION Code 415****Certificate**

An applicant for the CPA exam must have satisfactorily completed 150 semester hours including the attainment of a bachelor's degree in any discipline. Included within their 150 hours of college credits, student must have obtained 57 specific credits of accounting and business courses. The CPA Preparation certificate is designed to support students with a bachelor's degree in any non-accounting area meet the required accounting and business courses as approved by the Maryland State Board of Public Accountancy to sit for the CPA examination in the state of Maryland.

The following PGCC courses have been specifically approved by the Maryland State Board of Public Accountancy; any substitution of courses transferred from other institutions is subject to the approval of the Maryland Board of Public Accountancy.

**Program Concentration: Accounting 27 Credits**

Financial Accounting.....	9
ACC 101, ACC 102, and ACC 201 (all three courses must be taken to satisfy the Board require- ment of 9 credit hours)	
Auditing.....	3
ACC 204	
Cost Accounting.....	3
ACC 203	
Federal Income Tax.....	3
ACC 221	
Other Accounting.....	9
Choose 9 credits from the following:	
ACC 103, ACC 104, ACC 105, ACC 202, ACC 207, ACC 208, ACC 222	

**Program Concentration: Business 30 Credits**

Statistics.....	3
MAT 114	
Economics.....	6
ECN 103 and ECN 104	
Corporate or Business Finance.....	3
ACC 225	
Management.....	3
MGT 160	
U.S. Business Law.....	3
BUS 122 or BUS 124	
Marketing.....	3
MKG 251	
Oral Communication.....	3
SPH 101	
Written Communication.....	3
EGL 132 or EGL 134	
Business Ethics.....	3
PHL 140	

**Total required for certificate: 57 credit hours.**

## ARTS AND SCIENCES

**Arts and Sciences Program (A.A., Cert.)**  
 Communication/Speech Option (A.A.); English Option (A.A.);  
 Theatre Option (A.A.); Theatre and Entertainment Technology (Cert.)

If you are interested in transferring to an institution with a foreign language requirement this program will introduce you to a broad range of the liberal arts and sciences while providing a thorough preparation in verbal, mathematical, and critical-thinking skills. As much as possible, this curriculum meets the general requirements for the first two years of bachelor's degree work in most programs offered at four-year institutions in the Washington Baltimore metropolitan area.

**Transferability:** Credits earned in this program transfer to most four-year public and private colleges or universities. Students should, however, consult an advisor for the specific requirements of the four-year institution to which they plan to transfer. For more information about the arts and sciences program, call 301-322-0151.

### ARTS AND SCIENCES Code 020

#### *Associate of Arts Degree (A.A.)*

**Program Concentration Electives** **12-21 Credits**

**Supporting Courses/Electives** **51-53 Credits**

English Composition I and II.....	6
EGL 101 and EGL 102	
Humanities*.....	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics*.....	3
Science*.....	7-8
Two courses, one course must carry laboratory credit.	
Social Sciences*.....	9
Choose one course from Group A and two courses from Group B:	
Group A: One history course	
Group B: Select two courses from social sciences general education list, one course must be a nonhistory course.	
Computer Literacy*.....	3
CIS 101	
Foreign Language**.....	12
Students must complete a language through the intermediate (202) level. Electives may replace beginning courses if a student begins at a higher level than 101. Select courses from FRN or SPN.	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

### COMMUNICATION/SPEECH OPTION Code 022

#### *Associate of Arts Degree (A.A.)*

This is a recommended program of study for students planning to pursue a bachelor's degree in Communication/Speech.

**Program Concentration** **12 Credits**

SPH 101 Introduction to Speech Communication.....	3
SPH 105 Group Communication and Leadership.....	3
SPH 109 Interpersonal Communication.....	3
SPH 111 Public Speaking.....	3

**Supporting Courses/Electives** **51-53 Credits**

English Composition I and II*.....	6
Humanities*.....	6
Choose one course from each group:	
Group A: ART 101, MUS 101, PHL 101, PHL 119, or THE 101	
Group B: Any 200-level English literature course	
Foreign Languages*.....	12
Students must complete a language through the intermediate (202) level. Electives may replace beginning courses if a student begins at a higher level than 101. Select courses from FRN or SPN.	
Mathematics*.....	3
MAT 112 or higher	
Science*.....	7-8
Select two courses from BIO, CHM, PHY, or PSC. One of these courses must carry laboratory credit.	
Social Sciences*.....	9
Select three courses from ANT, ECN, GEO, HST, POS, PSY, or SOC. The three courses must include one history course and one nonhistory course.	
Computer Literacy*.....	3
CIS 101	
Cultural Diversity*.....	3
SPH 123 recommended	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### ENGLISH OPTION Code 023

#### *Associate of Arts Degree (A.A.)*

This is a recommended program of study for students planning to pursue a bachelor's degree in English.

**Program Concentration Electives** **12 Credits**

Choose four courses from the following:

EGL 201	EGL 205	EGL 209
EGL 203	EGL 207	EGL 211

**Supporting Courses/Electives** **51-53 Credits**

English Composition I and II*.....	6
Humanities*.....	6
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, or SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, or THE 101	
Foreign Languages.....	12
Students must complete a language through the intermediate (202) level. Electives may replace beginning courses if a student begins at a higher level than 101. Select courses from FRN or SPN.	

Mathematics* .....	3
MAT 112 or higher	
Science* .....	7-8
Select two courses from BIO, CHM, PHY or PSC. One of these courses must carry laboratory credit.	
Social Sciences* .....	9
Select three courses from ANT, ECN, GEO, HST, POS, PSY, or SOC. The three courses must include one history course and one nonhistory course.	
Computer Literacy* .....	3
CIS 101	
Cultural Diversity* .....	3
Health/Physical Education .....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**THEATRE OPTION** Code 012

**Associate of Arts Degree (A.A.)**

This is a recommended program of study for students planning to pursue a bachelor's degree in theatre.

**Program Concentration** **12 Credits**

THE 101 Introduction to Theatre .....	3
THE 105 Play Production .....	3
THE 115 Technical Theatre .....	3
THE 201 Principles of Acting I .....	3

**Supporting Courses/Electives** **51-53 Credits**

English Composition I and II* .....	6
Humanities* .....	6
Choose one course from each group:	
Group A: SPH 101, SPH 109, or SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119	
Foreign Languages .....	12
Students must complete a language through the intermediate (202) level. Electives may replace beginning courses if a student begins at a higher level than 101. Select courses from FRN or SPN.	
Mathematics* .....	3
MAT 112 or higher	
Science* .....	7-8
Select two courses from BIO, CHM, PHY, or PSC. One of these courses must carry laboratory credit.	
Social Sciences* .....	9
Select three courses from ANT, ECN, GEO, HST, POS, PSY, or SOC. The three courses must include one history course and one nonhistory course.	
Computer Literacy* .....	3
CIS 101	
Cultural Diversity* .....	3
Health/Physical Education .....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**THEATRE & ENTERTAINMENT TECHNOLOGY** Code 355

**Certificate**

The theatre and entertainment technology program is a cooperative venture between Prince George's Community College and the International Alliance of Theatrical Stage Employees (IATSE) in Washington, D.C. The college and IATSE have designed the theatre and entertainment technology program, which offers a certificate program to students interested in this field. The program has two goals. The first is to provide students with the specialized skills needed to attain employment in the entertainment technology field. These newly trained technicians can work at a variety of venues in the greater Washington, D.C. area including, but not limited to, The Kennedy Center, National Theater, Ford's Theater, Warner Theater, Wolf Trap, MCI Center, and their associated contractors. The second goal is to upgrade and enrich the skills of existing IATSE members.

For more information on the theatre and entertainment technology program, call 301-322-0926.

**Program Concentration** **33 Credits**

THE 103 Introduction to Stage Technology .....	1
THE 104 Staging/Grips .....	4
THE 106 Theatrical Rigging .....	4
THE 108 Lighting for the Stage .....	4
THE 110 Concert and Stage Sound Reinforcement .....	4
THE 204 Theatrical Audiovisual/Multimedia for Special Events .....	3
THE 206 Theatre Computer Automation and Control .....	3
THE 208 Stage Scenery Construction .....	4
THE 210 Concert and Stage Special Effects .....	3
THE 212 Film and Studio Mechanics .....	3

**Total required for certificate: 33 credit hours.**

**BUSINESS ADMINISTRATION**

**Business Administration Program (A.S.)**

The business administration program is designed for students preparing for managerial and administrative positions in business, industry, and government. Administrators and managers are responsible for such functions as planning, organizing, staffing, directing, and controlling. They are professionals who should have effective oral and written communication and human relations skills, as well as strong mathematical, statistical, analytical, and organizational skills. A wide range of job opportunities is available in the public and private sectors in the Washington metropolitan area for well-trained, experienced administrators and managers.

**Transferability:** This program transfers to bachelor's degree programs in business administration with specialties in areas such as accounting, industrial management, information systems management, public relations, or transportation management. Students should consult an advisor for specific transfer requirements. By proper choice of electives, mathematics, and science courses, graduates may transfer into Johns Hopkins University School of Continuing Studies. For more information about the business administration program, call 301-322-0696.

**BUSINESS ADMINISTRATION** Code 110

*Associate of Science Degree (A.S.)*

**Program Concentration** **17 Credits**

ACC 101 Principles of Accounting I.....	4
ACC 102 Principles of Accounting II.....	4
ECN 103 Principles of Economics I.....	3
ECN 104 Principles of Economics II.....	3
MGT 101 Introduction to Business.....	3

**Supporting Courses/Electives** **45-47 Credits**

English Composition I and II*.....	6
Humanities*.....	6

Choose one course from each group:

Group A: SPH 101 or SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 140, THE 101, or any foreign language course or English literature course

Mathematics*.....	9
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MAT 135, MAT 216, and MAT 221

Science*.....	7-8
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Two courses, one course must carry laboratory credit.

Social Sciences*.....	3
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Computer Literacy*.....	3
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CIS 101

Cultural Diversity*.....	3
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Elective.....	6
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Health/Physical Education.....	2-3
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Any HLE or at least 2 credits of PED

**Minimum required for A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## BUSINESS MANAGEMENT

**Business Management Program (A.A.S.)**

Construction Management Option (LOR); Developing a Professional Image Option (LOR); General Management Option (Cert.); Hospitality Services Management Option: Food Service Management (LOR); Hotel/Motel Management (LOR); International Business and Entrepreneurship Option (LOR); Real Estate Option (LOR); Small Business Management Option (Cert.)

The business management curriculum combines a traditional approach to the study of management with the contemporary managerial practices of advanced technology and globalization.

Within the context of the program, you may select concentrations in construction management, developing a professional image, general management, hospitality services management, international business and entrepreneurship, real estate, and small business management.

For more information about the business management program, call 301-322-0696.

**BUSINESS MANAGEMENT** Code 420

*Associate of Applied Science Degree (A.A.S.)*

**Program Concentration** **36-37 Credits**

MGT 101 Introduction to Business.....	3
MGT 160 Principles of Management.....	3
MGT 162 Financial Planning & Investments.....	3
MGT 261 Human Resource Management.....	3
MGT 263 International Management.....	3
MGT 272 Managing Workplace Diversity**.....	3

ACC 101 Principles of Accounting I	6
OR	

ACC 103 Accounting for Managers.....	3-4
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BUS 122 Business Law I.....	3
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Business electives.....	12
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Choose from the following:

ACC 102	HSM 293	MGT 291-293
ACC 104-105	MAT 104	MKG 251
ACC 108	MGT 150	MKG 263
ACC 221	MGT 155	MKG 271
BUS 124	MGT 157	MKG 273
CSM 145-148	MGT 165	MKG 277
CSM 183	MGT 171	PHL 140
ECN 104	MGT 180	RLS 103
HSM 151	MGT 250-255	RLS 110
HSM 155-156	MGT 258-259	RLS 204
HSM 163	MGT 265-266	RLS 206
HSM 170-176	MGT 270	RLS 209
HSM 253	MGT 275	

**Supporting Courses/Electives** **26-28 Credits**

English Composition I and II*.....	6
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Humanities*.....	3
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SPH 101 or SPH 111

Mathematics*.....	6
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MAT 112 and MAT 221 recommended

Sciences*.....	3-4
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Social Sciences*.....	3
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ECN 103

Computer Literacy*.....	3
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CIS 101

Health/Physical Education.....	2-3
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Any HLE or at least 2 credits of PED

**Minimum required for A.A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

\*\*\*Transfer students should see a counselor prior to taking any math course.

**Business Management Program**

### CONSTRUCTION MANAGEMENT OPTION

The construction management option was developed in cooperation with local industry leaders to prepare you for a career in building construction management or in a construction-related field. This option enables you to enter construction careers in a variety of types and sizes of firms. The courses required for the letter of recognition may be used as business-related electives in the business management Associate of Applied Science degree program.

For more information about the construction management option, call 301-322-0871.

**CONSTRUCTION MANAGEMENT OPTION**

**Code 612**

**Letter of Recognition**

<b>Program Concentration</b>	<b>11 Credits</b>
CSM 145 Construction Management I.....	3
CSM 146 Construction Methods and Materials.....	3
CSM 147 Construction Planning and Scheduling.....	2
CSM 183 Construction Print Reading.....	3

**Total required for letter of recognition: 11 credit hours.**

**Business Management Program  
DEVELOPING A PROFESSIONAL  
IMAGE OPTION**

Community college students come from many backgrounds and in many cases are not prepared for the professional world. Although many possess the skills of a professional, as those in marketing know, the image that is projected is also important. The purpose of this letter of recognition program option is to enable you to develop a professional image.

For more information about the professional image option, call 301-322-0696.

**DEVELOPING A PROFESSIONAL  
IMAGE OPTION**

**Code 424**

**Letter of Recognition**

<b>Program Concentration</b>	<b>11 Credits</b>
<b>Select 6 credits from the following:</b>	
<i>Competency Upgrade/Refresher:</i>	
MGT 101 Introduction to Business.....	3
MGT 155 Elements of Supervision.....	3
PHL 140 Introduction to Business Ethics.....	3
<i>Verbal and Written Communication:</i>	
SPH 101 Introduction to Speech Communication.....	3
EGL 132 Composition II: Writing for Business.....	3
EGL 139 Employment Applications and Resumes.....	1

**Select 5 credits from the following:**

<i>Mental Attitude:</i>	
CAP 131 Career Assessment and Planning.....	3
<i>Physical Fitness and Appearance:</i>	
PED 103 Lifetime Fitness and Leisure Activities.....	2
BIO 115 Basic Nutrition.....	3
MGT 150 Developing a Professional Image.....	1

**Total required for letter of recognition: 11 credit hours.**

**Business Management Program  
GENERAL MANAGEMENT OPTION**

All coursework for the general management certificate may be completed through distance learning. For more information about the general management option, call 301-322-0696.

**GENERAL MANAGEMENT OPTION**

**Code 419**

**Certificate**

<b>Program Concentration</b>	<b>18 Credits</b>
MGT 101 Introduction to Business.....	3
MGT 157 Small Business Management.....	3
MGT 160 Principles of Management.....	3
MGT 162 Financial Planning & Investments.....	3
MKG 251 Introduction to Marketing.....	3
Electives.....	3

Choose from the following:

ACC 103	EGL 201	MGT 266
ACC 105	HLE 115	MGT 270
ANT 103	HST 141	PHL 101
ART 156	HST 143	POS 101
BIO 101	MGT 150	PSC 107
CAP 131	MGT 180	PSY 101
ECN 104	MGT 263	SOC 101

**Supporting Courses/Electives**

**12 Credits**

ECN 103 Principles of Economics I.....	3
EGL 101 Composition I: Expository Writing.....	3
CIS 101 Computer Literacy.....	3
Mathematics.....	3
MAT 112 or higher	

**Total required for certificate: 30 credit hours.**

**Business Management Program  
HOSPITALITY SERVICES  
MANAGEMENT OPTION**

The hospitality services management program prepares you for entry-level employment, as well as enabling workers already employed in the industry to upgrade their skills with the theory and practical knowledge needed to advance to supervisory levels.

Hospitality service managers work in hotels and motels, food service establishments, health care facilities, private night clubs, vending companies, catering companies, sports arenas, travel industry, and federal and state governments. They perform duties such as front office management, night auditing, reservation scheduling, hospitality sales and marketing, and property management. Responsibilities include hiring, training, scheduling, budgeting, and supervising staff and management within the multifaceted hospitality industry. Those courses required for the certificates may be used as business-related electives in the business management Associate of Applied Science degree program.

For more information about the hospitality services management option, call 301-322-0696.

**FOOD SERVICE MANAGEMENT** Code 425**Letter of Recognition**

Program Concentration	11 Credits
HSM 151 Introduction to Hospitality Industry .....	3
HSM 155 Food Service Manager Training and Certification .....	1
HSM 156 Catering and Banquet Planning.....	3
HSM 163 Food Service Operations.....	4

**Total required for letter of recognition: 11 credit hours.**

**HOTEL/MOTEL MANAGEMENT** Code 426**Letter of Recognition**

Program Concentration	11 Credits
HSM 151 Introduction to Hospitality Industry .....	3
HSM 162 Hotel/Motel Operations.....	3
HSM 253 Hospitality Sales and Marketing.....	3
Electives.....	2
HSM 170-176, HSM 180-184	

**Total required for letter of recognition: 11 credit hours.**

**Business Management Program****INTERNATIONAL BUSINESS AND ENTREPRENEURSHIP OPTION**

This letter of recognition for International Business and Entrepreneurship will enable small business owners to update managerial and technical skills in a comprehensive manner.

For more information about the international business and entrepreneurship option, call 301-322-0696.

**INTERNATIONAL BUSINESS AND ENTREPRENEURSHIP OPTION** Code 496**Letter of Recognition**

Program Concentration	11 Credits
<b>Select 3 credits from the following:</b>	
<i>Competency Upgrade/Refresher:</i>	
MGT 101 Introduction to Business.....	3
MKG 251 Introduction to Marketing.....	3
CIS 101 Computer Literacy.....	3

**Select 3 credits from the following:**

<i>International Expertise:</i>	
MGT 263 International Management.....	3
MKG 263 International Marketing.....	3
SPH 123 Intercultural Communication.....	3

**Select 5 credits from the following:**

<i>Mental Attitude:</i>	
MGT 266 Conflict Management.....	3
MGT 270 Stress Management.....	3
PHL 140 Introduction to Business Ethics.....	3
MGT 150 Developing a Professional Image.....	1

**Total required for letter of recognition: 11 credit hours.**

**Business Management Program****PURCHASING AND CONTRACTING****Certificate** Code 428

The purchasing and contracting certificate was developed in response to the requirements of federal, state, and local governments and private industry for a highly trained professional workforce. This certificate enables students to pursue advanced knowledge and degrees in the procurement field.

Individuals who wish to continue their education may apply the credits earned in the certificate toward the A.A.S. degree in business management.

For more information about the purchasing and contracting option, call 301-322-0696.

Program Concentration	18 Credits
MGT 250 Introduction to Federal Contracting.....	3
MGT 251 Introduction to Source Selection.....	3
MGT 252 Principles of Negotiation.....	3
MGT 253 Procurement Law.....	3
MGT 254 Contract Administration.....	3
MGT 255 Cost and Price Analysis.....	3

**Supporting Courses/Electives** 6 Credits

Choose two courses from the following:

MGT 101, MGT 165, MGT 261, MGT 265, MGT 266,  
CIS 101, EGL 132

**Total required for certificate: 24 credit hours.**

**Business Management Program****REAL ESTATE OPTION**

Courses in this option develop management skills, techniques, and knowledge needed in real estate marketing and brokerage. Specific courses also meet educational requirements for real estate broker or salesperson licenses.

Students passing Real Estate Principles and Practices (RLS 103) may apply to take the Maryland real estate salesperson licensing examination. This course is 60 classroom hours in length.

To sit for the broker exam, a candidate is required to prove three years of lawful activity as a real estate salesperson and to pass an additional 135 hours of approved education. This requirement is met by completing Real Estate Principles for Brokers I (RLS 110); Real Estate Finance (RLS 204); and Real Estate Investment (RLS 209). All courses are 45 classroom hours in length.

Those courses required for the letter of recognition may be used as business-related electives in the business management Associate of Applied Science degree program.

For more information about the real estate option, call 301-322-0696.

**REAL ESTATE OPTION** Code 495

**Letter of Recognition**

**Program Concentration** **9 Credits**

Choose from the following:

- |         |         |
|---------|---------|
| RLS 103 | RLS 204 |
| RLS 110 | RLS 209 |

**Total required for letter of recognition: 9 credit hours.**

**Business Management Program**

**SMALL BUSINESS MANAGEMENT OPTION**

The small business management certificate is designed to prepare you to own, operate, and successfully manage a small business. Students are given the opportunity to develop a business plan that includes provision for financing, site selection, marketing, budgeting, recordkeeping, physical facilities, incorporation, insurance, inventory control, and franchising.

Individuals who wish to continue their education may apply the credits earned in the certificate toward the Associate of Applied Science degree in business management.

For more information about the small business management option, call 301-322-0696.

**SMALL BUSINESS MANAGEMENT** Code 412

**Certificate**

**Program Concentration** **25 Credits**

ACC 101 Principles of Accounting I.....	4
BUS 122 Business Law I.....	3
MGT 155 Elements of Supervision.....	3
MGT 157 Small Business Management.....	3
MKG 251 Introduction to Marketing.....	3
MKG 263 International Marketing.....	3
Business-related electives.....	6

Choose from the following:

- |             |             |             |
|-------------|-------------|-------------|
| ACC 103-105 | MGT 150     | MGT 291-293 |
| BUS 124     | MGT 160     | MKG 271     |
| CAP 131     | MGT 162     | MKG 273     |
| CIS 101     | MGT 165     | MKG 277     |
| HSM 151     | MGT 250-255 | PHL 140     |
| HSM 155-156 | MGT 258-259 | SPH 101     |
| HSM 162-163 | MGT 261     | RLS 103     |
| HSM 170-176 | MGT 262     | RLS 110     |
| HSM 180-189 | MGT 263     | RLS 204     |
| HSM 253     | MGT 265-266 | RLS 209     |
| HSM 263     | MGT 270     | RLS 291-294 |
| HSM 291-294 | MGT 272     |             |
| MGT 101     | MGT 275     |             |

**Supporting Courses/Electives** **6 Credits**

Individuals may wish to tailor their skill development to a particular type of business by choosing elective courses from other areas of the college such as music, art, photography, preschool management, engineering, microcomputers,

hotel/motel management, food service management, and real estate.

**Total required for certificate: 31 credit hours.**

**COMPUTER ENGINEERING TECHNOLOGY**

**Computer Engineering Technology Program (A.A.S.)**

- A+ Preparation (LOR)
- Computer Service Technology (Cert.)

This program prepares you for immediate employment as computer and network technicians. Students receive a general background in electronics, software, computer networks, and data communication in addition to specialized training in the assembly, configuration, diagnosis, and repair of IBM-compatible personal computers. By proper choice of electives, mathematics, and science courses, A.A.S. graduates may transfer into the B.S. in Computer Engineering Technology program at Capitol College. The certificate and letter of recognition programs, with less credit requirements, lead into the A.A.S. program without loss of credit.

Some students may wish to take courses within this program for industry certification, such as the A+, Network+, and CCNA. For the CompTIA A+ certification, take ENT 184, ENT 284, and CIS 170. For the CompTIA Network+ certification, take ENT 189. For Cisco's CCNA certification, take ENT 194-197.

For more information about the computer engineering technology program, call 301-322-0751.

**COMPUTER ENGINEERING TECHNOLOGY** Code 633

**Associate of Applied Science Degree (A.A.S.)**

**Program Concentration** **45-46 Credits**

ENT 171 Circuits and Measurement Techniques.....	3
ENT 172 Circuit Analysis and Design.....	3
ENT 177 Intro. to Computing for Technology.....	3
ENT 178 Analog Circuits.....	4
ENT 180 Digital Circuits.....	4
ENT 184 Intro. to Personal Computer Hardware.....	2
ENT 185 Circuit Evaluation and Repair.....	2
ENT 281 CPU Architecture.....	4
ENT 284 Computer Repair.....	4
CIS 101 Computer Literacy (or higher)*.....	3
CIS 140 Intro. to Local Area Networks.....	3
CIS 170 Understanding Operating Systems.....	3
Technical electives**.....	7-8

Choose from the following:

- CIS 240, CIS 241, ENT 183, ENT 189
- ENT 194-197, ENT 283, ENT 286, ENT 296-298

**Supporting Courses/Electives** **24-25 Credits**

English Composition I and II*.....	6
Humanities*.....	3
SPH 101	

Mathematics*.....	3
MAT 134 or higher	
Science*.....	4
PHY 157	
Social Sciences*.....	3
Cultural Diversity*.....	3
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 69 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).  
 \*\*Students wishing to achieve CCNA certification should take ENT 194-197 in place of CIS 140 and technical electives.

**COMPUTER SERVICE TECHNOLOGY** Code 643

*Certificate*

<b>Program Concentration</b>	<b>33-34 Credits</b>
ENT 171 Circuits and Measurement Techniques.....	3
ENT 184 Intro. to Personal Computer Hardware.....	2
ENT 189 Network Hardware.....	3
ENT 284 Computer Repair.....	4
ENT 286 Advanced PC Configuration.....	4
CIS 101 Computer Literacy (or higher).....	3
CIS 140 Intro. to Local Area Networks.....	3
CIS 170 Understanding Operating Systems.....	3
Technical electives.....	5-6
Choose from the following:	
CIS 240, CIS 241, ENT 183, ENT 194-197, ENT 283,	
ENT 286, ENT 296-298	
MAT 134 Trigonometry with Applications	
to Technology (or higher).....	3

**Minimum required for certificate: 33 credit hours.**

**A+ PREPARATION** Code 645

*Letter of Recognition*

<b>Program Concentration</b>	<b>9 Credits</b>
ENT 184 Intro. to Personal Computer Hardware.....	2
ENT 284 Computer Repair.....	4
CIS 170 Understanding Operating Systems.....	3

**Total required for letter of recognition: 9 credit hours.**

# COMPUTER INFORMATION SYSTEMS

**Computer Information Systems Program**  
 Computer Information Systems Program (A.A.S.), Database Systems (Cert.); Computer Networks Option (A.A.S.); Network Administration (Cert.); Systems Engineer Option (A.A.S.), Systems Administrator (Cert.); Web Technology Option (A.A.S., Cert.); Computer Programming Option (A.A.S., Cert.), Computer Specialist Option (A.A.S.), Computer Graphics (Cert.); Microcomputer Systems Option (A.A.S.), Microcomputer Applications Specialist (Cert.); Technical Support Specialist Option (A.A.S., Cert.)

The computer information systems program enables you to study systematic approaches to problem solving within the environment of computer hardware and software systems. In the course of this study, you develop the practice of clear thinking and logical reasoning while learning to analyze, design and program utilizing information processing tools, application packages, and software languages. The available courses cover a wide area of the computing discipline including programming languages, system analysis and design, operating systems, networking, web technology, and application packages.

The program offers seven different degree options at the A.A.S. degree level: (1) computer networks, (2) systems engineer, (3) web technology, (4) computer programming, (5) computer specialist, (6) microcomputer systems, and (7) technical support specialist. In addition, there are eight certificates offered: (1) network administrator, (2) systems administrator, (3) web technology, (4) computer programming, (5) database systems, (6) computer graphics, (7) microcomputer applications specialist, and (8) technical support specialist.

**Returning students should carefully check course numbers and titles when registering, as some numbers and titles have been changed from previous catalogs. Credit may not be received twice for the same course.**

You should select one of the program options listed below, and discuss this option with an advisor, the department chair or department coordinator, before making a decision.

Students are reminded that they may also use Cooperative Education, CIS 291-293, for a maximum of three elective credits in any of the computer information systems degree options.

For more information about the computer information systems program, call 301-322-0752.

*Computer Information Systems Program*

**COMPUTER NETWORKS OPTION** Code 519

*Associate of Applied Science Degree (A.A.S.)*

This option is designed for the student who wishes a broad exposure to the way computer systems interconnect. Students will have the opportunity to gain a foundation in various personal computer operating systems and network operating systems.

<b>Program Concentration</b>	<b>17 Credits</b>
CIS 101 Computer Literacy.....	3
CIS 133 Integrated Software Applications.....	3
CIS 111 Computer Programming I.....	4
CIS 140 Introduction to Local Area Networks.....	3
CIS 284 Systems Analysis.....	4

(Note: It is recommended that students take CIS 284 near the end of their program of study.)

<b>Program Option Requirements</b>	<b>22 Credits</b>
CIS 170 Understanding Operating Systems.....	3
CIS 230 Windows 2000 Professional.....	3
CIS 231 Windows 2000 Server Administration.....	3
CIS 241 Novell Network Administration.....	3
CIS 242 Novell Network Installation and Management.....	3
ENT 189 Network Hardware.....	3
CIS 272 UNIX Operating System.....	4

<b>Supporting Courses/Electives</b>	<b>23-26 Credits</b>
English Composition I and II *.....	6
Humanities *.....	3

Mathematics *	3
MAT 112 or higher	
Science *	3-4
Social Sciences *	3
ECN 103 or any social science course	
Cultural Diversity *	3
Keyboarding (optional)	0-1
OAD 150	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 62 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program**

**SYSTEMS ENGINEER OPTION Code 534**

**Associate of Applied Science Degree (A.A.S.)**

This option is designed to provide the student with a concentration in the installation and configuration of a complex, networking computing environment of medium to large size. Students will have the opportunity to gain a foundation in the Windows 2000 network operating system and to explore directory, infrastructure, and security design and implementation. Included in this option are courses that would prepare the student for Microsoft Certified Systems Engineer certification.

<b>Program Concentration</b>	<b>17 Credits</b>
CIS 101 Computer Literacy	3
CIS 133 Integrated Software Applications	3
CIS 111 Computer Programming I	4
CIS 140 Introduction to Local Area Networks	3
CIS 284 Systems Analysis	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	

<b>Program Option Requirements</b>	<b>24 Credits</b>
CIS 170 Understanding Operating Systems	3
CIS 230 Windows 2000 Professional	3
CIS 231 Windows 2000 Server Administration	3
CIS 232 Network Infrastructure Implementation	3
CIS 233 Directory Services Infrastructure Implementation	3
CIS 235 Designing Directory Services Infrastructure	3
CIS 236 Designing Network Security	3
CIS 237 Designing Network Infrastructure	3

<b>Supporting Courses/Electives</b>	<b>23-26 Credits</b>
English Composition I and II *	6
Humanities *	3
SPH 101	
Mathematics *	3
MAT 112 or higher	
Science *	3-4
Social Sciences *	3
ECN 103 or any social science course	
Cultural Diversity *	3
Keyboarding (optional)	0-1
OAD 150	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 64 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program**

**WEB TECHNOLOGY OPTION Code 532**

**Associate of Applied Science Degree (A.A.S.)**

This program is designed for the student who wishes to enter the field of Internet and World Wide Web based environments. The student will gain the skills necessary to do Web publishing and Web development through hands-on courses.

<b>Program Concentration</b>	<b>17 Credits</b>
CIS 101 Computer Literacy	3
CIS 133 Integrated Software Applications	3
CIS 111 Computer Programming I	4
CIS 140 Introduction to Local Area Networks	3
CIS 284 Systems Analysis	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	

<b>Program Option Requirements</b>	<b>23 Credits</b>
ART 157 Introduction to Computer Graphics	3
CIS 180 Introduction to Internet and Web Technology	3
CIS 185 Web Site Design and Implementation	3
CIS 186 Advanced Web Development	3
CIS 220 Java Programming for the World Wide Web	4
CIS 224 Web Server Implementation and Administration	3
CIS 272 UNIX Operating System	4

<b>Supporting Courses/Electives</b>	<b>23-26 Credits</b>
English Composition I and II *	6
Humanities *	3
SPH 101	
Mathematics *	3
MAT 112 or higher	
Science *	3-4
Social Sciences *	3
ECN 103 or any social science course	
Cultural Diversity *	3
Keyboarding (optional)	0-1
OAD 150	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 63 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program**

**COMPUTER PROGRAMMING OPTION Code 516**

**Associate of Applied Science Degree (A.A.S.)**

This option will provide students with an opportunity to gain a foundation in computer programming and database systems.

<b>Program Concentration</b>	<b>25 Credits</b>
CIS 101 Computer Literacy	3
CIS 133 Integrated Software Applications	3
CIS 111 Computer Programming I	4
CIS 112 Computer Programming II	4
CIS 284 Systems Analysis	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	
ACC 101 Principles of Accounting I	4
MGT 101 Introduction to Business	3

<b>Program Option Requirements</b>	<b>16 Credits</b>
Choose four of the following courses:	
CIS 115 Introduction to Database Management Systems.....	4
CIS 208 Introduction to Oracle: SQL and PL/SQL.....	4
CIS 213 Advanced Programming: C++ .....	4
CIS 214 Introduction to Visual Basic.....	4
CIS 215 Advanced Programming in Visual Basic.NET.....	4
CIS 218 Data Modeling and Database Design.....	4
CIS 220 Java Programming for the World Wide Web .....	4
CIS 272 UNIX Operating System .....	4

<b>Supporting Courses/Electives</b>	<b>23-26 Credits</b>
English Composition I and II * .....	6
Humanities * .....	3
SPH 101	
Mathematics * .....	3
MAT 112 or higher	
Science * .....	3-4
Social Sciences * .....	3
ECN 103 or any social science course	
Cultural Diversity * .....	3
Keyboarding (optional).....	0-1
OAD 150	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 64 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program**

**COMPUTER SPECIALIST OPTION** Code 518

**Associate of Applied Science Degree (A.A.S.)**

This option is designed for adults with previous experience in the computer field who wish to tailor their program of study to meet specific on-the-job requirements. It is also appropriate for any student wishing to acquire a broad base of computer expertise by directing study efforts toward specific areas of interest.

NOTE 1: Students planning to transfer to University of Maryland University College should consider taking CIS 112 as part of their program option requirements in order to complete the two-course programming sequence and facilitate transfer of those credits. Check with an academic advisor for further assistance.

NOTE 2: Students in this program are advised to plan their course selections for the program option requirements in advance to ensure that they have included their desired courses, as well as any prerequisite courses.

<b>Program Concentration</b>	<b>17 Credits</b>
CIS 101 Computer Literacy.....	3
CIS 133 Integrated Software Applications.....	3
CIS 111 Computer Programming I.....	4
CIS 284 Systems Analysis.....	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	
MGT 101 Introduction to Business.....	3

<b>Program Option Requirements</b>	<b>24 Credits</b>
At least 24 credits from a combination of CIS, ENT, and/or ART (computer graphics) courses, provided at least 8 credits are taken in CIS 200-level courses.**	

The approved courses are:

- All CIS courses not already listed in Program Concentration Requirements
- ENT 180 (formerly ENT 274), ENT 184, ENT 188, ENT 189, ENT 194, ENT 195, ENT 283, ENT 284, ENT 286, ENT 157, ART 162, ART 262, ART 265, ART 266, ART 267

\*\*While up to 3 credits of CIS 291-293 may be used toward program option requirements, they may not be used in place of the 8 credit 200-level CIS course requirement.

<b>Supporting Courses/Electives</b>	<b>23-26 Credits</b>
English Composition I and II * .....	6
Humanities * .....	3
SPH 101	
Mathematics * .....	3
MAT 112 or higher	
Science * .....	3-4
Social Sciences * .....	3
ECN 103 or any social science course	
Cultural Diversity * .....	3
Keyboarding (optional).....	0-1
OAD 150	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 64 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program**

**MICROCOMPUTER SYSTEMS OPTION** Code 517

**Associate of Applied Science Degree (A.A.S.)**

This option concentrates on microcomputer environments with emphasis on applications software packages, and to a lesser extent, programming languages. Windows and Windows-based software is emphasized. Students are prepared for employment as microcomputer specialists in organizations of any type or size.

<b>Program Concentration</b>	<b>21 Credits</b>
CIS 101 Computer Literacy.....	3
CIS 133 Integrated Software Applications.....	3
CIS 111 Computer Programming I.....	4
CIS 112 Computer Programming II.....	4
CIS 284 Systems Analysis.....	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	
MGT 101 Introduction to Business.....	3

<b>Program Option Requirements</b>	<b>20 Credits</b>
Choose four credits from the following:	
CIS 115 Introduction to Database Management Systems.....	4
OR	
OAD Word Processing Electives .....	4
(Choose four of the following one-credit courses:	
OAD 212, OAD 216, OAD 218, OAD 246, OAD 248)	
CIS 170 Understanding Operating Systems.....	3
CIS 180 Introduction to Internet and Web Technology.....	3
CIS 272 UNIX Operating System.....	4

ENT 184 Introduction to Personal Computer Hardware..... 2  
 Choose one course from the following:  
 CIS 213 Advanced Programming: C++ ..... 4  
 OR  
 CIS 214 Introduction to Visual Basic ..... 4

**Supporting Courses/Electives 23-26 Credits**  
 English Composition I and II \* ..... 6  
 Humanities \* ..... 3  
     SPH 101  
 Mathematics \* ..... 3  
     MAT 112 or higher  
 Science \* ..... 3-4  
 Social Sciences \* ..... 3  
     ECN 103 or any social science course  
 Cultural Diversity \* ..... 3  
 Keyboarding (optional) ..... 0-1  
     OAD 150  
 Health/Physical Education ..... 2-3  
     Any HLE or at least 2 credits of PED

**Minimum required for A.A.S. degree: 64 credit hours.**  
 \* Satisfies General Education requirement (see pp. 33-36).

**Computer Information Systems Program  
 TECHNICAL SUPPORT SPECIALIST OPTION**

**Code 533 Associate of Applied Science Degree (A.A.S.)**

This program option prepares the student for immediate employment as a technical support professional through the integration of classroom, practical, and internship experiences. This option is also intended for those wishing to upgrade specific competencies in the technical support environment.

**Program Concentration 16 Credits**  
 CIS 101 Computer Literacy ..... 3  
 CIS 133 Integrated Software Applications ..... 3  
 CIS 111 Computer Programming I ..... 4  
 CIS 140 Introduction to Local Area Networks ..... 3  
 MGT 165 Customer Service ..... 3

**Program Option Requirements 25 Credits**  
 CIS 115 Introduction to Database Management Systems ..... 4  
 CIS 170 Understanding Operating Systems ..... 3  
 ENT 184 Introduction to PC Hardware ..... 2  
 ENT 189 Network Hardware ..... 3  
 ENT 284 Computer Repair ..... 4  
 CIS 137 Help Desk Tools and Procedures ..... 3  
 CIS 207 Troubleshooting the Microcomputer Environment ..... 3  
 CIS 293 Cooperative Education ..... 3

**Supporting Courses/Electives 23-26 Credits**  
 English Composition I and II \* ..... 6  
 Humanities \* ..... 3  
     SPH 101  
 Mathematics \* ..... 3  
     MAT 112 or higher  
 Science \* ..... 3-4  
 Social Sciences \* ..... 3  
     ECN 103 or any social science course  
 Cultural Diversity \* ..... 3  
 Keyboarding (optional) ..... 0-1

OAD 150  
 Health/Physical Education ..... 2-3  
 Any HLE or at least 2 credits of PED

**Minimum required for A.A.S. degree: 64 credit hours.**  
 \* Satisfies General Education requirement (see pp. 33-36).

**CERTIFICATES**

Select any one of the certificate programs listed below. You should discuss these certificate options with an advisor, department chair, or department coordinator prior to selecting one.

**COMPUTER PROGRAMMING Code 513  
 CERTIFICATE**

Students wishing to pursue the A.A.S. degree may apply these credits to the Computer Programming option of the Computer Information Systems degree.

**Program Concentration 26 Credits**  
 CIS 101 Computer Literacy ..... 3  
 CIS 133 Integrated Software Applications ..... 3  
 CIS 111 Computer Programming I ..... 4  
 CIS 112 Computer Programming II ..... 4  
 Choose three of the following courses:  
 CIS 115 Introduction to Database Management Systems ..... 4  
 CIS 208 Introduction to Oracle: SQL and PL/SQL ..... 4  
 CIS 213 Advanced Programming: C++ ..... 4  
 CIS 214 Advanced Programming: Visual Basic ..... 4  
 CIS 220 Java Programming for the World Wide Web ..... 4  
 CIS 272 UNIX Operating System ..... 4

**Supporting Courses/Electives 6 Credits**  
 EGL 101 Composition I: Expository Writing ..... 3  
 Mathematics ..... 3  
     MAT 112 or higher

**Total required for certificate: 32 credit hours.**

**MICROCOMPUTER APPLICATIONS SPECIALIST  
 CERTIFICATE Code 527**

Students wishing to pursue the A.A.S. degree may apply these credits to the Microcomputer Systems option of the Computer Information Systems degree.

**Program Concentration 27 Credits**  
 CIS 101 Computer Literacy ..... 3  
 CIS 133 Integrated Software Applications ..... 3  
 CIS 111 Computer Programming I ..... 4  
 CIS 170 Understanding Operating Systems ..... 3  
 CIS 180 Introduction to Internet and Web Technology ..... 3  
 MGT 101 Introduction to Business ..... 3  
 ENT 184 Introduction to Personal Computer Hardware ..... 2  
 OAD 150 Operating the Keyboard ..... 2  
 Choose four credits from the following:  
 CIS 115 Introduction to Database Management Systems ..... 4  
 OR  
 OAD Word Processing electives: ..... 4  
 (Choose four of the following one-credit courses:  
 OAD 212, OAD 216, OAD 218, OAD 246, OAD 248)

**Supporting Courses/Electives** **6 Credits**

EGL 101	Composition I: Expository Writing	3
Mathematics		3
	MAT 112 or higher	

**Total required for certificate: 33 credit hours.**

**NETWORK ADMINISTRATION CERTIFICATE****Code 520**

Students wishing to pursue the A.A.S. degree may apply these credits to the Computer Networks option of the Computer Information Systems degree.

**Program Concentration** **24 Credits**

CIS 101	Computer Literacy	3
CIS 133	Integrated Software Applications	3
CIS 140	Introduction to Local Area Networks	3
CIS 170	Understanding Operating Systems	3
CIS 230	Windows 2000 Professional	3
CIS 231	Windows 2000 Server Administration	3
CIS 241	Novell Network Administration	3
CIS 242	Novell Network Installation and Management	3

**Supporting Courses/Electives** **6 Credits**

EGL 101	Composition I: Expository Writing	3
Mathematics		3
	MAT 112 or higher	

**Total required for certificate: 30 credit hours.**

**WEB TECHNOLOGY CERTIFICATE** **Code 522**

Students wishing to pursue the A.A.S. degree may apply these credits to the Web Technology option of the Computer Information Systems degree.

**Program Concentration** **27 Credits**

CIS 101	Computer Literacy	3
CIS 133	Integrated Software Applications	3
CIS 111	Computer Programming I	4
CIS 180	Introduction to Internet and Web Technology	3
CIS 185	Web Site Design and Implementation	3
CIS 186	Advanced Web Development	3
CIS 220	Java Programming for the World Wide Web	4
CIS 272	UNIX Operating System	4

**Supporting Courses/Electives** **6 Credits**

EGL 101	Composition I: Expository Writing	3
Mathematics		3
	MAT 112 or higher	

**Total required for certificate: 33 credit hours.**

**COMPUTER GRAPHICS CERTIFICATE** **Code 525**

Students wishing to pursue the A.A.S. degree may apply these credits to the Computer Specialist option of the Computer Information Systems degree.

**Program Concentration** **24 Credits**

CIS 101	Computer Literacy	3
ART 151	Basic Design	3
CIS 133	Integrated Software Applications	3

ART 157	Introduction to Computer Graphics	3
CIS 185	Web Site Design and Implementation	3
ART 162	Publication Design Using Computers	3
ART 265	Animation and Multimedia	3
ART 266	Digital Imaging	3

**Supporting Courses/Electives** **6 Credits**

EGL 101	Composition I: Expository Writing	3
Mathematics		3
	MAT 112 or higher	

**Total required for certificate: 30 credit hours.**

**SYSTEMS ADMINISTRATOR****CERTIFICATE** **Code 524**

This certificate program includes courses to prepare the student for Microsoft Certified Systems Administrator (MCSA) certification. Students wishing to pursue the A.A.S. degree may apply these credits to the Systems Engineer option of the Computer Information Systems degree, which includes courses for preparation for Microsoft Certified Systems Engineer (MCSE) certification.

**Program Concentration** **24 Credits**

CIS 101	Computer Literacy	3
CIS 133	Integrated Software Applications	3
CIS 140	Introduction to Local Area Networks	3
CIS 170	Understanding Operating Systems	3
CIS 230	Windows 2000 Professional	3
CIS 231	Windows 2000 Server Administration	3
CIS 232	Network Infrastructure Implementation	3
CIS 233	Directory Services Infrastructure Implementation	3

**Supporting Courses/Electives** **6 Credits**

EGL 101	Composition I: Expository Writing	3
Mathematics		3
	MAT 112 or higher	

**Total required for certificate: 30 credit hours.**

**TECHNICAL SUPPORT SPECIALIST****CERTIFICATE** **Code 523**

This certificate program includes courses to prepare the student for Microsoft Office User Specialist (MOUS) certifications, as well as A+ certification. Students wishing to pursue the A.A.S. degree may apply these credits to the Technical Support Specialist option of the Computer Information Systems degree.

**Program Concentration** **29 Credits**

CIS 101	Computer Literacy	3
CIS 133	Integrated Software Applications	3
CIS 111	Computer Programming I	4
CIS 115	Introduction to Database Management Systems	4
CIS 137	Help Desk Tools and Procedures	3
CIS 170	Understanding Operating Systems	3
ENT 184	Introduction to PC Hardware	2
ENT 284	Computer Repair	4
MGT 165	Customer Service	3

<b>Supporting Courses/Electives</b>	<b>6 Credits</b>
EGL 101 Composition I: Expository Writing.....	3
Mathematics.....	3
MAT 112 or higher	

**Total required for certificate: 35 credit hours.**

### **DATABASE SYSTEMS CERTIFICATE** Code 526

Students wishing to pursue the A.A.S. degree may apply these credits to the Computer Programming or the Computer Specialist option of the Computer Information Systems degree.

<b>Program Concentration</b>	<b>26 Credits</b>
CIS 101 Computer Literacy.....	3
CIS 133 Integrated Software Applications.....	3
CIS 111 Computer Programming I.....	4
CIS 112 Computer Programming II.....	4
CIS 115 Introduction to Database Management Systems.....	4
CIS 208 Introduction to Oracle: SQL and PL/SQL.....	4
CIS 218 Data Modeling and Database Design.....	4

<b>Supporting Courses/Electives</b>	<b>6 Credits</b>
EGL 101 Composition I: Expository Writing.....	3
Mathematics.....	3
MAT 112 or higher	

**Total required for certificate: 32 credit hours.**

## **COMPUTER SCIENCE**

**Computer Science Program (A.S.)**  
Computer Science Option; Information Science Option

This transfer program includes two A.S. degree choices: the computer science option and the information science option. You are encouraged to see an advisor regarding correct course selections as the transfer requirements change periodically.

### **Computer Science Program**

#### **COMPUTER SCIENCE OPTION**

This option is a specific transfer degree to the University of Maryland, College Park campus day program and deals with the theoretical aspects of computer systems, concentrating on logic, mathematical analysis, data abstraction, simulations, and object-oriented concepts. Computer scientists are employed by computer manufacturers and service firms, government agencies, and educational institutions to advance and perfect the state-of-the-art in computer systems design, computer languages, system and software engineering, operating systems, and telecommunications. These career paths usually require advanced formal education beyond the bachelor's degree.

For more information about the computer science program, call 301-322-0752.

### **COMPUTER SCIENCE OPTION** Code 026

#### **Associate of Science Degree (A.S.)**

<b>Program Concentration</b>	<b>16 Credits</b>
CIS 121 Computer Science I.....	4
CIS 122 Computer Science II.....	4
CIS electives.....	8
Recommended: CIS 111 and CIS 272	

#### **Supporting Courses/Electives** **48-50 Credits**

English Composition I and II*.....	6
Humanities*.....	9
Choose one course from each group:	
Group A: SPH 101	
Group B: ART 101, MUS 101, PHL 101, PHL 109, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics*.....	12
MAT 241, MAT 242, and MAT 243 or MAT 245 or MAT 246	
Science*.....	7-8
One course must carry laboratory credit.	
Social Sciences*.....	6
Cultural Diversity*.....	3
Elective.....	3
MAT 250 recommended	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.S. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### **Computer Science Program**

#### **INFORMATION SCIENCE OPTION**

This option is designed, with general course selections, for those students wishing to transfer to the University of Maryland University College computer-related disciplines. Additionally, this option may be adapted for individual institutions within the Maryland system and for private institutions as well. You should always see an advisor regarding correct course selections for the particular transfer institution in which you are interested.

For more information about the information science option, call 301-322-0752.

### **INFORMATION SCIENCE OPTION** Code 024

#### **Associate of Science Degree (A.S.)**

<b>Program Concentration</b>	<b>22 Credits</b>
CIS 101 Computer Literacy*.....	3
CIS 111 Computer Programming I.....	4
CIS 112 Computer Programming II.....	4
CIS 284 Systems Analysis.....	4
(Note: It is recommended that students take CIS 284 near the end of their program of study.)	
CIS, MGT, ACC electives.....	7
Students should meet with an academic advisor to ensure transferability of electives.	

#### **Supporting Courses/Electives** **41-46 Credits**

English Composition I and II*.....	6
------------------------------------	---

Humanities*	6
Choose one course from each group:	
Group A: SPH 101	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any 200-level English literature course, or any foreign language course	
Mathematics*	8-11
Complete one of the following math course sequences:	
A: MAT 135, MAT 216, and MAT 114 or MAT119 or MAT 221	
B: MAT 135, MAT 136, MAT 241	
C: MAT 241, MAT 245	
Science*	7-8
Two courses, one course must carry laboratory credit.	
Social Sciences*	6
Cultural Diversity*	3
Elective	3
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.S. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## CRIMINAL JUSTICE

Criminal Justice Program (A.A.S., Cert.)  
Criminal Justice Transfer Option (A.A.)

### CRIMINAL JUSTICE Code 824

#### *Associate of Applied Science Degree (A.A.S.)*

The Associate of Applied Science degree enables you to qualify for a position as a police officer, security officer, or a position in corrections. This program also serves those already in the field who wish to update their skills. People working in criminal justice must know how to interact with other agencies, work well with people on a daily basis, communicate clearly in writing and speaking, work with data, investigate cases and present them in court, and plan and organize total agency operations.

For more information about the criminal justice program, call 301-322-0697.

<b>Program Concentration</b>	<b>30 Credits</b>
CJT 151 Introduction to Criminal Justice	
OR	
COS 151 Introduction to Corrections.....	3
CJT 152 Police Operations.....	3
CJT 153 Law Enforcement and the Community (Cross-Cultural Relations)**.....	3
CJT 154 Police Management	
OR	
COS 153 Corrections Management.....	3
CJT 155 Juvenile Delinquency.....	3
CJT 251 Criminal Law.....	3
CJT 253 Criminal Investigation.....	3
CJT 254 Criminal Evidence and Procedure.....	3
Electives.....	6

Choose from the following elective options:

Forensic Science: FOS 151-159

Specialized Police Operations:  
CJT 160-170, CJT 252, FOS 101-159, FOS 291-293  
Community Policing: CJT 171-172  
Private Security: CJT 173-175, HLE 213  
Corrections: COS 251, COS 253  
Other: CAP 131, SPN 101, CJT 291-293, PAR 151-257

### Supporting Courses/Electives 32-34 Credits

English Composition I and II*	6
Humanities*	6
SPH 101 and any philosophy course	
Mathematics*	3
MAT 112 or higher	
Science*	3-4
Social Sciences*	9
PSY 213, PSY 101; SOC 101; and SOC 201 or SOC 203 or POS 102	
Computer Literacy*	3
CIS 101 or FOS 160	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\* Satisfies Cultural Diversity component of General Education requirement (see p. 36).

### CRIMINAL JUSTICE TRANSFER OPTION

Code 113

#### *Associate of Arts Degree (A.A.)*

#### *(Option of General Studies)*

The Associate of Arts degree enables you to transfer to a four-year institution and obtain a bachelor's degree or a position as a police officer, security officer, or a position in corrections. This program also serves those already in the field who wish to update their skills. People working in criminal justice must know how to interact with other agencies, work well with people on a daily basis, communicate clearly in writing and speaking, work with data, investigate cases and present them in court, and plan and organize total agency operations. For more information about the criminal justice program, call 301-322-0697.

### Program Concentration 18 Credits

CJT 151* Introduction to Criminal Justice.....	3
CJT 153 Law Enforcement and the Community (Cross-Cultural Relations)**.....	3
(*COS 151 may be substituted for CJT 151)	
Choose four courses from the following:.....	12
CJT 162 Police Operations	
CJT 154* Police Management	
OR	
COS 153 Corrections Management	
CJT 155 Juvenile Delinquency	
CJT 251 Criminal Law	
CJT 253 Criminal Investigation	
CJT 254 Criminal Evidence and Procedures	
(*COS 154 may be substituted for CJT 154)	

**Supporting Courses/Electives 44-46 Credits**

English Composition I and II*	6
Humanities*	9
SPH 101, any 200-level English literature course, and any humanities course	
Mathematics*	3
MAT 112 or higher	
Science*	7-8
Two courses, one must carry laboratory credit.	
Social Sciences*	9
PSY 213, or PSY 101; SOC 101 or SOC 201 or SOC 203 or POS 102; and one history course from the general education list	
Computer Literacy*	3
CIS 101 or FOS 160	
Electives	5
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

**CRIMINAL JUSTICE Code 825****Certificate**

<b>Program Concentration</b>	<b>15 Credits</b>
CJT 151 Introduction to Criminal Justice	3
CJT 152 Police Operations	3
CJT 153 Law Enforcement and the Community (Cross-Cultural Relations)	3
CJT 251 Criminal Law	3
CJT 253 Criminal Investigation	3

<b>Supporting Courses/Electives</b>	<b>15 Credits</b>
EGL 101 Composition I: Expository Writing	3
Humanities	3
SPH 101	
Mathematics	3
MAT 112 or higher	
Social Sciences	6
PSY 101 and PSY 213	

**Total required for certificate: 30 credit hours.****DRAFTING TECHNOLOGY**

**Drafting Technology Program (A.A.S.)**  
Architectural Drafting Option (Cert.); Computer-Aided Drafting Option (Cert.); Engineering Drafting Option (Cert.)

The drafting technology Associate in Applied Science degree program provides you with the skills in using instruments and the computer-aided drafting (CAD) background required for today's entry-level drafting positions. Additional technical courses in the program develop knowledge of materials and procedures required for positions as designers, estimators, and supervisors.

Through the careful use of electives, a student can specialize in architectural, engineering, electromechanical, or general drafting technology. Other drafting specialties may be possible; check with a department faculty member.

Although the drafting technology Associate in Applied Science degree is designed for employment after graduation, students interested in transferring to architecture, architectural technology, and technology management programs should consult with an advisor.

The certificate options in architectural, computer-aided, and engineering drafting are of shorter duration and consist mainly of drafting and technical courses.

For more information on the drafting technology program, call 301-322-0751.

**DRAFTING TECHNOLOGY Code 660****Associate of Applied Science Degree (A.A.S.)**

<b>Program Concentration</b>	<b>33 Credits</b>
ENT 153 Technical Drawing	3
ENT 160 Introduction to CAD with AutoCAD	3
ENT 164 3D CAD with AutoCAD	3
ENT 266 Customizing AutoCAD	3
ENT 268 CAD Portfolio	3
CIS 101 Computer Literacy*	3
Drafting electives	6
Consult with drafting faculty.	
Technical electives	9
Consult with drafting faculty.	

<b>Supporting Courses/Electives</b>	<b>30-31 Credits</b>
English Composition I and II*	6
Humanities*	3
SPH 101	
Mathematics	3
MAT 134	
Science*	4
CHM 101, PHY 101, PHY 157, or PSC 105/106	
Social Sciences*	3
Cultural Diversity*	3
Art	6

Select two of the following:

ART 151, ART 153, ART 157, or ART 265

Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**ARCHITECTURAL DRAFTING OPTION Code 662****Certificate**

<b>Program Concentration</b>	<b>21 Credits</b>
CIS 101 Computer Literacy	3
ENT 153 Technical Drawing	3
ENT 156 Architectural Drawing I	3
ENT 160 Introduction to CAD with AutoCAD	3
ENT 161 Construction Materials and Processes	3
ENT 252 Architectural Drawing II	3
Engineering Technology elective	3
Consult with drafting faculty.	

<b>Supporting Courses/Electives</b>	<b>9 Credits</b>
EGL 101 Composition I: Expository Writing	3
Humanities	3
ART 151, ART 153, or ART 157	

Mathematics.....3  
 MAT 134 or higher

**Total required for certificate: 30 credit hours.**

**COMPUTER-AIDED DRAFTING OPTION** Code 665  
*Certificate*

**Program Concentration** **20 Credits**

CIS 101 Computer Literacy ..... 3  
 ENT 153 Technical Drawing..... 3  
 ENT 160 Introduction to CAD with AutoCAD ..... 3  
 ENT 164 3D CAD with AutoCAD..... 3  
 ENT 184 Introduction to PC Hardware..... 2  
 ENT 266 Customizing AutoCAD..... 3  
 Engineering Technology elective..... 3  
 Consult with drafting faculty.

**Supporting Courses/Electives** **9 Credits**

EGL 101 Composition I: Expository Writing..... 3  
 Humanities..... 3  
 ART 151, ART 153, or ART 157  
 Mathematics..... 3  
 MAT 134 or higher

**Total required for certificate: 29 credit hours.**

**ENGINEERING DRAFTING OPTION** Code 664  
*Certificate*

**Program Concentration** **21 Credits**

CIS 101 Computer Literacy ..... 3  
 ENT 153 Technical Drawing..... 3  
 ENT 157 Machine Drafting..... 3  
 ENT 160 Introduction to CAD with AutoCAD ..... 3  
 ENT 257 Working Drawings..... 3  
 Engineering Technology electives..... 6  
 Consult with drafting faculty.

**Supporting Courses/Electives** **9 Credits**

EGL 101 Composition I: Expository Writing..... 3  
 Humanities..... 3  
 ART 151, ART 153, or ART 157  
 Mathematics..... 3  
 MAT 134 or higher

**Total required for certificate: 30 credit hours.**

# ELECTRONIC ENGINEERING TECHNOLOGY

**Electronic Engineering Technology Program (A.A.S.)**

Electronic Service Technology Option (A.A.S.); Electronics Communications Option (Cert.); Electronics Microprocessors Option (Cert.)

Electronics technologists are needed by organizations that develop, manufacture, and service electronic and electrical equipment and systems. Graduates may work on communications equipment, radar and sonar units, industrial and medical monitoring and control devices, navigation equipment, and computer systems. The degree programs emphasize understanding electronics principles and troubleshooting concepts rather than how to repair specific equipment. With this background, you should be able to repair, modify, and design a wide variety of electronic equipment. Depending upon your eventual career goals, you can choose among two degree program options and two certificates.

Students who wish to continue their studies toward a four-year Bachelor of Science in Electronic Engineering Technology (BSEET) degree should take the Electronic Engineering Technology A.A.S. This program is accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC/ABET), 111 Market Place, Suite 1050, Baltimore, MD 21202. Graduates of the Electronic Engineering Technology option typically transfer to Capitol College, Old Dominion University, or the University of Maryland, Eastern Shore. Additionally, graduates of this technology program can transfer into the engineering program at Capitol College with minimal loss of credits by carefully choosing mathematics and science courses.

Students who wish to work directly after graduation should pursue the Electronic Service Technology A.A.S. program, which has fewer mathematics requirements and more hands-on courses. Students interested in this program should also consider the Computer Engineering Technology A.A.S. program described elsewhere in this chapter.

The certificate programs are composed of technical courses without the general education courses required for a degree, and lead into the degrees without loss of credits.

**ELECTRONIC ENGINEERING TECHNOLOGY** Code 630

*Associate of Applied Science Degree (A.A.S.)*

**Program Concentration** **36-37 Credits**

ENT 171 Circuits and Measurement Techniques..... 3  
 ENT 172 Circuit Analysis and Design..... 3  
 ENT 177 Introduction to Computing for Technology\*..... 3  
 ENT 178 Analog Circuits..... 4  
 ENT 180 Digital Circuits..... 4  
 ENT 185 Circuit Evaluation and Repair..... 2  
 ENT 256 Computer-Aided Electronic Design..... 2  
 ENT 273 Electronic Communication ..... 4  
 ENT 281 CPU Architecture..... 4  
 Engineering Technology electives..... 7-8  
 Consult with electronics faculty.

**Supporting Courses/Electives** **33-34 Credits**

English Composition I and II\* ..... 6

Humanities*.....	3
SPH 101.....	
Mathematics*.....	11
MAT 135 and MAT 136 (or MAT 137) and MAT 241.....	
Science*.....	8
PHY 157 and lab science elective (PHY 101 recommended).....	
Social Sciences**.....	3
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED.....	

**Minimum required for A.A.S. degree: 69 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Select social sciences from courses that also satisfy Cultural Diversity component of General Education requirement (see p. 36).

## ELECTRONIC SERVICE Code 634 TECHNOLOGY OPTION

*Associate of Applied Science Degree (A.A.S.)*

**Program Concentration** **41-42 Credits**

ENT 171 Circuits and Measurement Techniques.....	3
ENT 172 Circuit Analysis and Design.....	3
ENT 177 Introduction to Computing for Technology*.....	3
ENT 178 Analog Circuits.....	4
ENT 180 Digital Circuits.....	4
ENT 185 Circuit Evaluation and Repair.....	2
ENT 220 High-Reliability Soldering and Fabrication.....	2
ENT 256 Computer-Aided Electronic Design.....	2
ENT 273 Electronic Communication.....	4
ENT 281 CPU Architecture.....	4
Engineering Technology electives.....	10-11
Consult with electronics faculty.....	

**Supporting Courses/Electives** **28-29 Credits**

English Composition I and II*.....	6
Humanities*.....	3
SPH 101.....	
Mathematics*.....	3
MAT 134 or higher.....	
Science*.....	8
PHY 157 and lab science elective (PHY 101 recommended).....	
Social Sciences*.....	3
Cultural Diversity*.....	3
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED.....	

**Minimum required for A.A.S. degree: 69 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## ELECTRONICS COMMUNICATIONS Code 631 OPTION

*Certificate*

**Program Concentration** **34 Credits**

ENT 171 Circuits and Measurement Techniques.....	3
ENT 172 Circuit Analysis and Design.....	3
ENT 177 Introduction to Computing for Technology.....	3
ENT 178 Analog Circuits.....	4
ENT 180 Digital Circuits.....	4
ENT 185 Circuit Evaluation and Repair.....	2
ENT 256 Computer-Aided Electronic Design.....	2

ENT 273 Electronic Communication.....	4
ENT 283 Telecommunications.....	3
Engineering Technology elective.....	3
Mathematics.....	3
MAT 134 or higher.....	

**Total required for certificate: 34 credit hours.**

## ELECTRONICS MICROPROCESSORS Code 632 OPTION

*Certificate*

**Program Concentration** **34 Credits**

ENT 171 Circuits and Measurement Techniques.....	3
ENT 172 Circuit Analysis and Design.....	3
ENT 177 Introduction to Computing for Technology.....	3
ENT 178 Analog Circuits.....	4
ENT 180 Digital Circuits.....	4
ENT 185 Circuit Evaluation and Repair.....	2
ENT 256 Computer-Aided Electronic Design.....	2
ENT 281 CPU Architecture.....	4
Mathematics.....	3
MAT 134 or higher.....	
Engineering Technology electives.....	6
Consult with electronics faculty.....	

**Total required for certificate: 34 credit hours.**

# ENGINEERING

## Engineering Program (A.S.)

Engineering is the application of science and mathematics to create solutions to problems based on human needs. An engineering degree can prepare you for a career in design, development, management, sales, research, and various other fields, such as medicine, law, and politics. Engineers need to be able to think logically, communicate effectively, and be well-grounded in science and mathematics. The program offered at Prince George's Community College provides the engineering, mathematics, science, and general education courses that are taken by all engineering students in their freshman and sophomore years. A precalculus mathematics sequence is also available for students who need review or additional preparation before starting engineering and calculus courses.

**Transferability:** Credits earned at PGCC toward the engineering degree transfer to the University of Maryland and other schools that award baccalaureate degrees in engineering. You should consult with an advisor on transfer requirements.

For more information about the engineering program, call 301-322-0151.

**ENGINEERING** Code 030*Associate of Science Degree (A.S.)***Program Concentration 47-48 Credits**

EGR 101	Introductory Engineering	3
EGR 102	Statics	3
MAT 241	Calculus I for Science and Engineering*	4
MAT 242	Calculus II for Science and Engineering	4
MAT 243	Calculus III for Science and Engineering	4
MAT 246	Differential Equations	4
MAT 245 may be substituted for either MAT 243 or MAT 246.		
PHY 103	General Physics I*	3
PHY 203	General Physics II*	4
PHY 204	General Physics III	4
CHM 101	General Chemistry I	4
CHM 102/103	General Chemistry II/Lab	
OR		
CHM 201	Organic Chemistry I	4-5
Engineering elective		6
EGR 201, EGR 202, EGR 203, EGR 205, EGR 206, EGR 244, or EGR 245		

**Supporting Courses/Electives 23-24 Credits**

English Composition I and II*	6
Humanities*	6
Choose one course from each group:	
Group A: SPH 101 or SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 109, THE 101, or any foreign language course	
Social Sciences*	6
Cultural Diversity*	3
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.S. degree: 70 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## FORENSIC SCIENCE

**Forensic Science Program (A.A.S., A.S., Cert.)**

The Associate of Science degree in Forensic Studies is a transfer program, which meets the general requirements for the first two years for a student who is planning to continue their studies at another college or university offering a bachelor's degree in Forensic Studies. There are two specializations in forensic science: Trace/Examination with emphasis in the chemistry discipline, and DNA with an emphasis in the biological sciences. This curriculum provides a thorough preparation in verbal, written, investigative techniques, analysis of data, and critical-thinking skills. This is a recommended program of study for students planning to pursue a bachelor's degree in Forensic Science. This program transfers to several specific colleges or universities such as the University of Baltimore.

For more information about the forensic science program, call 301-322-0697.

**FORENSIC STUDIES** Code 114*Associate of Science Degree (A.S.)***Program Concentration 12 Credits**

CJT 253	Criminal Investigation	3
FOS 101	Introduction to Forensic Science	3
FOS 152	Forensic Toxicology: Drug Identification & Abuse	3
FOS 154	Physical Identifiers (Fingerprinting Techniques and DNA Analysis)	3

**Select one of the following specializations 15-21 Credits****Trace/Examination Specialist (21 Credits)**

BIO 110	Forensic Biology	4
CHM 102	General Chemistry II	3
CHM 103	General Chemistry II Laboratory	2
CHM 112	Essentials of Organic and Biochemistry	
OR		
CHM 201	Organic Chemistry I	4
PHY 101	Introductory Physics I	4
PHY 102	Introductory Physics II	4

**OR****DNA Specialist (15 Credits)**

BIO 203	Genetics	3
CHM 112	Essentials of Organic and Biochemistry	
OR		
CHM 201	Organic Chemistry I	4
PHY 101	Introductory Physics I	4
PHY 102	Introductory Physics II	4

**Supporting Courses/Electives 35 Credits**

English Composition I and II*	6	
Humanities*	6	
SPH 101 and any humanities course, except Speech, from the general education list.		
Mathematics	3	
MAT 135		
Science*	8	
BIO 103 and CHM 101		
Social Sciences*	6	
SOC 101; and FOS 213 or PSY 213		
FOS 160	Computer Forensics*	3
CJT 153	Law Enforcement and the Community (Cross- Cultural)**	3

**Minimum required for A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

**FORENSIC SCIENCE TECHNOLOGY** Code 814*Associate of Applied Science (A.A.S.)***Program Concentration 21 Credits**

CJT 151	Introduction to Criminal Justice	3
CJT 153	Law Enforcement and the Community (Cross Cultural Relations)	3
CJT 251	Criminal Law	3
CJT 254	Criminal Evidence and Procedure	3
FOS 101	Introduction to Forensic Science	3
FOS 154	Physical Identifiers (Fingerprinting & DNA)	3
FOS 159	Crime Scene Investigation: Evidence Collection & Handling	3

**Requirements (Choose three of the following) 9 Credits**

FOS 151	Forensic Pathology (Homicide).....	3
FOS 152	Forensic Toxicology: Drug Identification & Abuses.....	3
FOS 153	Fire & Arson Investigation.....	3
FOS 157	Firearms Identification.....	3
FOS 158	Basic Accident Investigation.....	3

**Electives (Choose one of the following) 1-3 Credits**

FOS 156	Questioned Document Examination.....	3
FOS 291-293	Internship.....	1-3
CJT 291-293	Internship.....	1-3
PAR 291-293	Internship.....	1-3

**Supporting Courses 34-35 Credits**

English Composition I and II*	.....	6
Humanities*	.....	6
SPH 101 and any other humanities course from the General Education list.		
Mathematics*	.....	3
MAT 112 or higher		
Science*	.....	8
BIO 103 or BIO 110 and CHM 101		
Social Sciences*	.....	6
FOS 213 or PSY 101 and SOC 101		
Computer Literacy*	.....	3
FOS 160 or CIS 101		
Health/Physical Education	.....	2-3
Any HLE or 2 credits of PED		

**Minimum required for A.A.S. degree: 65 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).

**FORENSIC SCIENCE TECHNOLOGY Code 815****Certificate****Program Concentration 15 Credits**

CJT 153	Law Enforcement and the Community (Cross-Cultural Relations).....	3
CJT 253	Criminal Investigation.....	3
FOS 101	Introduction to Forensic Science.....	3
FOS 151	Forensic Pathology (Homicide).....	3
FOS 154	Physical Identifiers (Fingerprinting Techniques and DNA Analysis).....	3

**Supporting Courses/Electives 15 Credits**

EGL 101	Composition I: Expository Writing.....	3
Humanities	.....	3
SPH 101		
Mathematics	.....	3
MAT 112 or higher		
Social Sciences	.....	6
FOS 213 or PSY 213; choose PSY 101 or SOC 101 or POS 102		

**Total required for certificate: 30 credit hours.****GENERAL STUDIES****General Studies Program (A.A., Cert.)**

African American Studies Option (A.A.); American Studies Option (A.A.); Art Option (A.A.); Biology Option (A.A.); Chemistry Option (A.A.); Communication/Writing Option (A.A.); Economics Option (A.A.); General Education (Cert.); Health; Historical; International Studies Option (A.A.); Mass Communication Option (A.A.); Music Option (A.A.); Physical Education; Pre-Professional Options (A.A.); Pre-Law Option, Pre-Medicine Option, Pre-Pharmacy Option, Pre-Physical Therapy Option; Psychology Option (A.A.); Sociology Option (A.A.); Women's Studies Option (A.A.) Health Education Option (A.S.), Physical Education Option (A.A.), Historical Fieldwork and Research Option (A.A.).

If you are interested in transferring to an institution without a foreign language requirement this program will introduce you to a broad range of the liberal arts and sciences while providing a thorough preparation in verbal, mathematical, and critical-thinking skills. General studies introduces you to courses in the humanities, the social sciences, English, science, and math, and thus enables you to sample various subject matters and methodologies to help you make informed educational and career choices.

**Transferability:** This program transfers to four-year colleges or universities. You should consult with an advisor on transfer requirements. For more information about the general studies program, call 301-322-0151.

**GENERAL STUDIES Code 310****Associate of Arts Degree (A.A.)****Program Concentration 21 Credits**

Concentration or electives.....	21
Select courses appropriate for planned major.	

**Supporting Courses/Electives 42-44 Credits**

English Composition I and II*.....	6
Humanities*.....	9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119,

THE 101; or any foreign language course; ART 270 required for art majors; MUS 105 required for music majors.

Group C: Any 200-level English literature course

Mathematics*.....	3
Science*.....	7-8

Two courses, one course must carry laboratory credit.

Social Sciences*.....	9
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Group A: One history course from general education list

Group B: Two courses from social sciences general education list, one course must be nonhistory.

Computer Literacy*.....	3
CIS 101	

Cultural Diversity*.....	3
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Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**GENERAL EDUCATION Code 340**

**Certificate**

<b>Program Concentration</b>	<b>34 Credits</b>
EGL 101 Composition I.....	3
EGL 102 Composition II.....	3
SPH 109 Interpersonal Communication.....	3
PHL 101 Introduction to Philosophy	
OR	
PHL 109 Practical Logic: An Introduction.....	3
HST 141 History of the United States I.....	3
HST 143 History of the United States II.....	3
ANT 103 Introductory Cultural Anthropology.....	3
MAT 112 Finite Mathematics.....	3
Science.....	7
Select one lab and one nonlab course	
CIS 101 Computer Literacy.....	3

**Minimum required for certificate: 34 credit hours.**

**General Studies Program**

**AFRICAN AMERICAN STUDIES OPTION**

The African American Studies option emphasizes the interdisciplinary nature of African American research and study. The option provides a broad foundation in various disciplines and prepares transfer students to move into arts and sciences or African American Studies curricula at a four-year institution.

The African American Studies option provides students the opportunity to study the perspectives and contributions of African Americans while promoting an understanding of and respect for the cultural heritage, interdependence, and diversity of African Americans in the United States.

**AFRICAN AMERICAN STUDIES OPTION Code 080**

**Associate of Arts Degree (A.A.)**

<b>Program Concentration</b>	<b>21 Credits</b>
AFA 101 Introduction to African American Studies.....	3
AFA 201 Introduction to the African and Black Diaspora.....	3
ART 272 African American Art.....	3
EGL 213 African American Literature I.....	3
EGL 214 African American Literature II.....	3
HST 245 African American History.....	3
HST 247 African History.....	3

**Supporting Courses/Electives 42-43 Credits**

English Composition I and II*.....	6
Humanities*.....	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course other than EGL 213 or EGL 214	
Mathematics*.....	3
Science*.....	7
Two courses, one course must carry laboratory credits.	
Social Sciences*.....	9
Group A: One history course not included in African American Studies program concentration	

Group B: ANT 103 and one nonhistory course from the social sciences general education list	
Computer Literacy*.....	3
CIS 101	
Cultural Diversity*.....	3
SOC 209 or SPH 123 recommended	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**AMERICAN STUDIES OPTION**

This is a recommended program of study for students interested in pursuing a bachelor's degree in American Studies.

**AMERICAN STUDIES OPTION Code 294**

**Associate of Arts Degree (A.A.)**

<b>Program Concentration</b>	<b>24 Credits</b>
AMS 105 American Studies: Culture, Values and Tradition.....	3
EGL 205 American Literature from the Beginnings to Late Nineteenth Century.....	3
HST 141 History of the United States I.....	3
HST 143 History of the United States II.....	3
PHL 101 Introduction to Philosophy.....	3
PHL 113 Philosophy in America.....	3
POS 102 State & Local Government.....	3
Elective:.....	3
Choose from: GEO 107, HST 231, HST 235, HST 245, PHL 115, PHL 127, PHL 133, PHL 140, POS 207, TRF 131	

**Supporting Courses/Electives 39-41 Credits**

English Composition I & II*.....	6
EGL 101; choose EGL 102, EGL 110, or EGL 132	
Humanities*.....	9
PHL 119 and EGL 207;	
Choose SPH 101, SPH 105, SPH 109, or SPH 111	
Science*.....	7-8
PSC 101; one additional science course with a lab	
Mathematics*.....	3
MAT 112 or MAT 113	
Social Sciences*.....	6
POS 101 and GEO 100	
Computer Literacy*.....	3
CIS 101	
Cultural Diversity*.....	3
SPH 123	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program****ART OPTION**

Our program in art provides you with the aesthetic awareness, perceptual and conceptual ability, technical skills, and humanistic perspective necessary for a successful career in the visual arts. We provide a broad foundation in various aspects of art and prepare transfer students to move into an advanced art curriculum at four-year institutions. Our program also provides non-art majors the opportunity to enrich their personal lifestyle in analytical skills and cultural knowledge while learning self expression through the visual arts. Experience is not necessary.

Basic Design and Drawing I should be taken early in the program. Upon completion of these courses, you may then specialize in either the fine arts or commercial art.

**Transferability:** The student should become familiar with the program requirements of his/her transfer institution.

**ART OPTION Code 010****Associate of Arts Degree (A.A.)****Program Concentration 24 Credits**

ART 151 Basic Design.....3

ART 153 Drawing I

OR

ART 152 Teaching Children How to Draw.....3

ART 154 Painting.....3

ART 270 Art Survey I

OR

ART 271 Art Survey II.....3

Art electives.....12

Choose from any 100 and/or 200 level art courses.

A mix of Fine Art and Commercial Art is also possible if desired by an art major.

**Fine Art Emphasis:** ART 155, ART 156, ART 159, ART 160, ART 251, ART 253, ART 254, ART 255, ART 256, ART 259, ART 260, ART 264, ART 266, ART 272

**Commercial Art Emphasis:** ART 157, ART 161, ART 162, ART 163, ART 257, ART 261, ART 262, ART 263, ART 265, ART 267, ENT 153, ENT 156, ENT 160

**Supporting Courses/Electives 42-44 Credits**

English Composition I and II\*.....6

Humanities\*.....9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 270, ART 271

Group C: Any 200-level English literature course

Mathematics\* (MAT 113 or MAT 134 recommended).....3

Science\*.....7-8

Two courses, one course must carry laboratory credit.

Social Sciences\*.....9

Group A: One history course from general education list

Group B: Two courses from social sciences general education list, one course must be nonhistory.

Computer Literacy\*.....3

CIS 101

Cultural Diversity\*.....3

Health/Physical Education.....2-3

Any HLE or at least 2 credits of PED

**Minimum required for A.A. degree: 66 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program****BIOLOGY OPTION**

This is a recommended program of study for students planning to pursue a bachelor's degree in biology.

**BIOLOGY OPTION Code 301****Associate of Arts Degree (A.A.)****Program Concentration 28 Credits**

BIO 103 Principles of Biology I\*.....4

BIO 104 Principles of Biology II\*.....4

**Select 20 credits minimum from the following:**

CHM 101 General Chemistry I.....4

CHM 102 General Chemistry II.....3

CHM 103 General Chemistry II Lab.....2

MAT 216 Applied Calculus I

OR

MAT 241 Calculus I for Science and Engineering.....3-4

PHY 101 Introductory Physics I AND

PHY 102 Introductory Physics II.....8

OR

PHY 103 General Physics I AND

PHY 203 General Physics II AND

PHY 204 General Physics III.....11

**Supporting Courses/Electives 35-37 Credits**

English Composition I and II\*.....6

Humanities\*.....9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119,

THE 101, or any foreign language course

Group C: Any 200-level English literature course

Mathematics\*.....3-4

MAT 135 or MAT 136

Social Sciences\*.....9

Group A: one history course from general education list

Group B: PSY 101 and PSY 207 recommended

Computer Literacy\*.....3

CIS 101

Cultural Diversity\*.....3

ANT 103 recommended

Health/Physical Education.....2-3

Any HLE or at least 2 credits of PED

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**CHEMISTRY OPTION**

This is a recommended program of study for students planning to pursue a bachelor’s degree in chemistry.

**CHEMISTRY OPTION Code 302**

**Associate of Arts Degree (A.A.)**

**Program Concentration 31 Credits**

CHM 101 General Chemistry I*	4
CHM 102 General Chemistry II*	3
CHM 103 General Chemistry II Lab	2
MAT 241 Calculus I for Science and Engineering*	4
<b>Select 18 credits minimum from the following:</b>	
CHM 201 Organic Chemistry I	4
CHM 202 Organic Chemistry II	3
CHM 204 Organic Chemistry II Lab	2
PHY 103 General Physics I	3
PHY 203 General Physics II	4
PHY 204 General Physics III	4
MAT 242 Calculus II for Science and Engineering	4
BIO 103 Principles of Biology I	4

**Supporting Courses/Electives 32-33 Credits**

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, THE 101	
Group C: Any 200-level English literature course	
Social Sciences*	9
Group A: One history course from general education list	
Group B: Two courses from social sciences general education list, one course must be nonhistory	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**COMMUNICATION/WRITING OPTION**

This is a recommended program of study for students planning to pursue a bachelor’s degree in communication/writing.

**COMMUNICATION/WRITING OPTION Code 303**

**Associate of Arts Degree (A.A.)**

**Program Concentration 15 Credits**

SPH 101 Introduction to Speech Communication	3
SPH 113 Interviewing	3
EGL 104 Media Writing	3
EGL 132 Composition II: Writing for Business*	3
EGL 134 Composition II: Writing About Technical Topics*	3

**Supporting Courses/Electives 48-50 Credits**

EGL 101 Composition I: Expository Writing*	3
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Humanities*	9
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Choose one course from each group:

Group A: SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119, or THE 101

Group C: Any 200-level English literature course

Mathematics*	3
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MAT 112 or higher

Science*	7-8
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Select two courses from BIO, CHM, PHY, or PSC. One course must carry laboratory credit.

Social Sciences*	9
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Select three courses from ANT, ECN, GEO, HST, POS, PSY, SOC. The three courses must include one history course and one nonhistory course.

Computer Literacy*	3
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CIS 101

Cultural Diversity*	3
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SPH 123 recommended

Health/Physical Education	2-3
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Any HLE or at least 2 credits of PED

Electives	9
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**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**ECONOMICS OPTION**

This is a recommended program of study for students interested in pursuing a bachelor’s degree in economics.

**ECONOMICS OPTION Code 304**

**Associate of Arts Degree (A.A.)**

**Program Concentration 22-23 Credits**

ACC 101 Principles of Accounting I	4
ECN 103 Principles of Economics I	3
ECN 104 Principles of Economics II	3
MAT 216 Applied Calculus I	
OR	
MAT 241 Calculus I for Science and Engineering	3-4
MAT 221 Statistics	3
MGT 101 Introduction to Business	3
Elective	3

**Supporting Courses/Electives 42-45 Credits**

English Composition I and II*	6
Humanities*	9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course

Group C: Any 200-level English literature course

Mathematics*	3-4
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MAT 135 or MAT 136

Science*	7-8
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Two courses, one course must carry laboratory credit.

Social Sciences*	9
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Group A: One history course from general education list

Group B: POS 101 and SOC 101 recommended

Computer Literacy*	3
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CIS 101

Cultural Diversity*	3
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### General Studies Program

#### HEALTH EDUCATION OPTION **Code 230**

##### Associate of Science Degree (A.S.)

#### Program Concentration 20 Credits

HLE 115 Personal and Community Health	3
HLE 213 First Aid—Responding to Emergencies/CPR/FPR	3
HLE 221 Human Sexuality	3
Health elective	3
Choose HLE 201, HLE 215, HLE 223, HLE 225 or HLE 231.	
CHM 101 General Chemistry I	4
BIO 101 General Biology	
OR	
BIO 103 Principles of Biology I	4

#### Supporting Courses/Electives 41 Credits

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics*	3
Science*	8
BIO 205 and BIO 206	
Social Sciences*	9
PSY 101 and SOC 101; and one history course from general education list.	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3

**Total required for A.S. degree: 61 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### General Studies Program

#### HISTORICAL FIELDWORK AND RESEARCH

#### OPTION **Code 295**

##### Associate of Arts Degree (A.A.)

The program provides students with a thorough foundation in the history both of the United States and Prince George's County. Required relevant courses in other disciplines are also part of the program and complement the history courses students enrolled in the program are required to take. All students enrolled in the program are required to successfully complete HST 297, the Historic Sites Internship Experience course. This course provides students with a practical hands-on experience at some nearby historic site. The internship experience is designed not only to be helpful to the site in interpreting itself to the public, but it also give students a firm grasp of what professionals at historic sites do in running a site and interpreting it and its place in history to both tour and educational groups. The program is excellent preparation for those pursuing a career in historic preservation and interpretation.

#### Program Concentration 24 Credits

HST 141 History of the United States I	3
HST 143 History of the United States II	3
HST 233 History of the American Civil War	3
HST 235 History of Maryland	3
HST 238 History of Prince George's County	3
HST 297 Historic Sites Internship Experience	3
ANT 201 Introduction to Archaeology	3
GEO 107 Physical and Historical Geography of Maryland	3

#### Supporting Courses/Electives 39-41 Credits

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics*	3
Science*	7-8
Two courses, one course must carry laboratory credit.	
Social Sciences*	6
Two courses from ANT, ECN, POS, SOC, and/or PSY	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
HST 245	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

### General Studies Program

#### INTERNATIONAL STUDIES OPTION

This is a recommended program of study for students planning to pursue a bachelor's degree in international studies.

#### INTERNATIONAL STUDIES OPTION **Code 293**

##### Associate of Arts Degree (A.A.)

#### Program Concentration 27 Credits

GEO 109 World Regional Geography**	3
HST 137 The World in the Twentieth Century*	3
HST 231 History of American Foreign Policy	3
HST 247 African History*	
OR	
HST 211 History of Russia and the Soviet Union*	
OR	
HST 223 History of Latin America and the Caribbean*	3
POS 201 Comparative Political Ideologies	3
POS 207 Introduction to International Politics	3
POS 210 Model United Nations	3
Foreign Language and/or Electives	6

#### Supporting Courses/Electives 36-38 Credits

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101 or any foreign language course	

Group C: Any 200-level English literature course	
Mathematics*	3
Science*	7-8
Social Sciences*	6
ECN 103 and POS 101	
Computer Literacy*	3
CIS 101	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

3-Credit Cultural Diversity requirement satisfied by HST 137, HST 247, POS 207, or GEO 109.

**Minimum required for A.A. degree: 63 credit hours.**

\* Satisfies General Education requirement (see pp. 33-36).  
 \*\* Satisfies Cultural Diversity component of General Education requirement (see p. 36).

**General Studies Program**

**MASS COMMUNICATION OPTION**

This is a recommended program of study for students planning to pursue a bachelor’s degree in mass communication.

**MASS COMMUNICATION OPTION Code 014**

**Associate of Arts Degree (A.A.)**

<b>Program Concentration</b>	<b>21 Credits</b>
TRF 131 Introduction to Radio, Television, and Film	3
TRF 133 Television Production: Studio	3
TRF 141 Introduction to Radio	3
TRF 231 Introduction to Film	3
THE 115 Technical Theatre	3
SPH 107 Voice and Diction	3
EGL 104 Media Writing	3

**Supporting Courses/Electives 42-44 Credits**

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101	
Group C: Any 200-level English literature course	
Mathematics*	3
MAT 112 or higher	
Science*	7-8
Select two courses from BIO, CHM, PHY, or PSC. One course must carry laboratory credit.	
Social Sciences*	9
Select three courses from ANT, ECN, GEO, HST, POS, PSY, or SOC.	
The three courses must include one history course and one nonhistory course.	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
SPH 123 recommended	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**MUSIC OPTION**

This option provides study in music or music education for those students who wish to major in these subjects at a four-year institution.

The music curriculum also affords an excellent opportunity to choose electives that will enrich personal lifestyles. Music as an avocation can be developed through individual and ensemble instruction.

**Transferability:** You should become familiar with the requirements of your transfer institution.

**MUSIC OPTION Code 050**

**Associate of Arts Degree (A.A.)**

<b>Program Concentration</b>	<b>22 Credits</b>
MUS 103 Concert Choir	
OR	
MUS 111 Instrumental Ensemble	1
MUS 115 Theory I	3
MUS 116 Theory II	3
MUS 121 Class Piano I	
OR	
MUS 123 Class Voice I	1
MUS 215 Theory III	3
MUS 216 Theory IV	3
MUS 129-142 Applied Music	4
MUS 229-242 Advanced Applied Music	4

**Supporting Courses/Electives 42-44 Credits**

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: MUS 105	
Group C: Any 200-level English literature course	
Mathematics*(MAT 113 recommended)	3
Science*	7-8
Two courses, one course must carry laboratory credit.	
Social Sciences*	9
Group A: One history course from general education list	
Group B: Two courses from social sciences general education list, one course must be nonhistory.	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program****PHYSICAL EDUCATION OPTION** Code 270**Associate of Science Degree (A.S.)****Program Concentration** 24 Credits

Physical Education..... 10

PED 111 and PED 113 *and* select six of the following skill laboratories:

PED 153	PED 165	PED 173
PED 155	PED 167	PED 177
PED 161	PED 171	PED 179

HLE 115 Personal and Community Health..... 3

HLE 213 First Aid—Responding to Emergencies/CPR/FPR..... 3

CHM 101 General Chemistry I

OR

PHY 101 Introductory Physics I..... 4

Elective..... 4

BIO 101 or BIO 103 recommended

**Supporting Courses/Electives** 41 Credits

English Composition I and II\*..... 6

Humanities\*..... 9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101,

PHL 119, THE101 or any foreign language course

Group C: Any 200-level English literature course

Mathematics\*..... 3

Science\*..... 8

BIO 205 and BIO 206

Social Sciences\*..... 9

Choose from each group:

Group A: One history course from general education list

Group B: Any two ANT, ECN, GEO, POS, PSY or SOC

Computer Literacy\*..... 3

CIS 101

Cultural Diversity\*..... 3

**Total required for A.S. degree: 65 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program****PRE-LAW OPTION**

This is a suggested program of study for students planning to pursue a law degree.

**PRE-LAW OPTION** Code 292**Associate of Arts Degree (A.A.)****Program Concentration** 36 Credits

CJT 251 Criminal Law..... 3

CJT 254 Criminal Evidence and Procedure..... 3

HST 141 History of the United States I\*..... 3

HST 143 History of the United States II\*..... 3

POS 101 American National Government\*..... 3

POS 102 State and Local Government\*..... 3

SOC 101 Introduction to Sociology\*..... 3

SPH 101 Introduction to Speech Communication\*..... 3

Electives..... 12

PHL 101 and PHL 115 recommended

**Supporting Courses/Electives** 27-29 Credits

English Composition I and II\*..... 6

Humanities\*..... 3

Any 200-level English literature course

Mathematics\*..... 3

Science\*..... 7-8

Two courses, one course must carry laboratory credit.

Computer Literacy\*..... 3

CIS 101

Cultural Diversity\*..... 3

Health/Physical Education..... 2-3

Any HLE or at least 2 credits of PED

6-credit Social Sciences requirement satisfied by SOC 101 and POS 101.

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program****PRE-MEDICINE OPTION**

This is a recommended program of study for students who intend to pursue a medical school education.

**PRE-MEDICINE OPTION** Code 305**Associate of Arts Degree (A.A.)****Program Concentration** 28 Credits

BIO 103 Principles of Biology I\*..... 4

BIO 201 Microbiology\*..... 4

**Select 20 credits minimum from the following:**

BIO 203 Genetics..... 3

CHM 101 General Chemistry I\*..... 4

CHM 102 General Chemistry II\* AND

CHM 103 General Chemistry II Lab\*..... 5

CHM 201 Organic Chemistry I..... 4

CHM 202 Organic Chemistry II AND

CHM 204 Organic Chemistry II Lab..... 5

PHY 101 Introductory Physics I AND

PHY 102 Introductory Physics II..... 8

OR

PHY 103 General Physics I AND

PHY 203 General Physics II AND

PHY 204 General Physics III..... 11

MAT 216 Applied Calculus I (Strongly recommended)

OR

MAT 241 Calculus I for Science and Engineering ..... 3-4

MAT 217 Applied Calculus II

OR

MAT 242 Calculus II for Science and Engineering ..... 3-4

**Supporting Courses/Electives** 35-37 Credits

English Composition I and II\*..... 6

Humanities\*..... 9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101,  
or any foreign language course

Group C: Any 200-level English literature course

Mathematics\*..... 3-4

MAT 135 or MAT 136

Social Sciences\*..... 9

- Group A: One history course from general education list
- Group B: Two courses from social sciences general education list, one course must be nonhistory.

Computer Literacy* .....	3
CIS 101 .....	
Cultural Diversity* .....	3
Health/Physical Education .....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**PRE-PHARMACY OPTION**

This is a recommended program of study for students planning to pursue a pharmacy degree following their bachelor's program.

**PRE-PHARMACY OPTION Code 306**

*Associate of Arts Degree (A.A.)*

**Program Concentration 28-29 Credits**

BIO 101 General Biology* .....	
OR .....	
BIO 103 Principles of Biology I* .....	4
CHM 101 General Chemistry I* .....	4
CHM 102 General Chemistry II .....	3
CHM 103 General Chemistry II Lab .....	2
CHM 201 Organic Chemistry I .....	4
CHM 202 Organic Chemistry II .....	3
CHM 204 Organic Chemistry II Lab .....	2
MAT 216 Applied Calculus I .....	
OR .....	
MAT 241 Calculus I for Science and Engineering .....	3-4
MAT 114 Introduction to Statistics .....	
OR .....	
MAT 221 Statistics .....	3

**Supporting Courses/Electives 35-37 Credits**

English Composition I and II* .....	6
Humanities* .....	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS, 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics* .....	3-4
MAT 135 or MAT 136 .....	
Social Sciences* .....	9
Group A: One history course from general education list	
Group B: Two courses from social sciences general education list, one course must be nonhistory.	
Computer Literacy* .....	3
CIS 101 .....	
Cultural Diversity* .....	3
Health/Physical Education .....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**PRE-PHYSICAL THERAPY OPTION**

This is a recommended program of study for students planning to pursue a bachelor's or master's degree in physical therapy.

**PRE-PHYSICAL THERAPY OPTION Code 307**

*Associate of Arts Degree (A.A.)*

**Program Concentration 27 Credits**

BIO 103 Principles of Biology I* .....	4
BIO 205 Human Anatomy and Physiology I* .....	4
CHM 101 General Chemistry I* .....	4
CHM 102 General Chemistry II* .....	3
CHM 103 General Chemistry II Lab .....	2
MAT 114 Introduction to Statistics .....	3
PHY 101 Introductory Physics I .....	4
MAT 216 Applied Calculus I .....	3

**Supporting Courses/Electives 35-36 Credits**

English Composition I and II* .....	6
Humanities* .....	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics* .....	3
MAT 135 .....	
Social Sciences* .....	9
Group A: One history course from general education list	
Group B: PSY 101; choose PSY 201, PSY 203, PSY 207 or PSY 208	
Computer Literacy* .....	3
CIS 101 .....	
Cultural Diversity* .....	3
Health/Physical Education .....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**General Studies Program**

**PSYCHOLOGY OPTION**

This is a recommended program of study for students planning to pursue a bachelor's degree in psychology.

**PSYCHOLOGY OPTION Code 308**

*Associate of Arts Degree (A.A.)*

**Program Concentration 21 Credits**

PSY 101 General Psychology .....	3
PSY 201 Personality and Adjustment .....	3
PSY 203 Child Psychology .....	3
PSY 208 Abnormal Psychology .....	3
PSY 219 Social Psychology .....	3
Elective (other than PSY) .....	6

**Supporting Courses/Electives 42-45 Credits**

English Composition I and II* .....	6
Humanities* .....	9

Choose one course from each group:

Group A: SPH 101, SPH 105, SPH 109, SPH 111

Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101,  
or any foreign language course

Group C: Any 200-level English literature course

Mathematics*	3-4
MAT 119 or MAT 216 or MAT 241	
Science*	7-8
Two courses, one course must carry laboratory credit. (BIO 101 and BIO 205 recommended)	
Social Sciences*	9
Group A: One history course (HST 141 recommended)	
Group B: Two courses from social sciences general education list, one course must be a nonhistory (SOC 101 recommended)	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
PSY 211 recommended	
Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### General Studies Program

#### SOCIOLOGY OPTION

This is a recommended program of study for students interested in pursuing a bachelor's degree in sociology.

#### SOCIOLOGY OPTION **Code 309**

##### Associate of Arts Degree (A.A.)

<b>Program Concentration</b>	<b>21 Credits</b>
SOC 101 Introduction to Sociology	3
SOC 102 Marriage and Family	3
SOC 201 Social Problems	3
SOC 203 Criminology	3
Electives	9

##### Supporting Courses/Electives **42-44 Credits**

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: Any 200-level English literature course	
Mathematics*	3
MAT 119	
Science*	7-8
Two courses, one course must carry laboratory credit	
Social Sciences*	9
Group A: One history course (HST 141 or 143 recommended)	
Group B: Two courses from social sciences general education list, one course must be a nonhistory.	
Computer Literacy*	3
CIS 101	
Cultural Diversity*	3
SOC 209 recommended	

Health/Physical Education	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A. degree: 63 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

### General Studies Program

#### WOMEN'S STUDIES OPTION

#### WOMEN'S STUDIES OPTION **Code 291**

##### Associate of Arts Degree (A.A.)

<b>Program Concentration</b>	<b>20-21 Credits</b>
WMS 101 Introduction to Women's Studies	3
HST 210 The History of Women in America	3
EGL 250 Women in Literature	3
PSY 210 The Psychology of Women	3
SOC 102 Marriage and the Family	3
PHL 137 Feminism and Spirituality	3
Electives	2-3
CAP 102 recommended	

##### Supporting Courses/Electives **42-43 Credits**

English Composition I and II*	6
Humanities*	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course	
Group C: EGL 217E recommended or another 200-level EGL	
Mathematics*	3
Science*	7
Two courses; one course must carry laboratory credit	
Social Sciences*	9
Group A: One history course other than HST 210	
Group B: PSY 101, SOC 101	
Computer Literacy*	3
CIS 101 or equivalent	
Cultural Diversity*	3
Health/Physical Education	2-3
HLE 225 recommended	

**Minimum required for A.A. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**In the near future, the college plans to offer a radio broadcast option, which will include courses in radio production, radio station operations, broadcast programming, broadcast promotions, broadcast advertising and sales, and communication law.**

# HEALTH TECHNOLOGY

**Health Technology Programs**  
 Emergency Medical Technician–Paramedic (A.A.S.); Emergency Medical Technician–Paramedic (Cert.); Health Information Technology Program (A.A.S.); Medical Coder/Billing Specialist Option (Cert.); Nuclear Medicine Technology Program (A.A.S.); Nuclear Medicine Technology Option (Cert.); Nursing (RN) Program (A.S.); Nursing (LPN) Program (Cert.); Radiography Program (A.A.S.); Respiratory Therapy Program (A.A.S.)

One of the most rapidly growing career paths is in health care. In response to the need for highly skilled health care workers, Prince George’s Community College continues to offer state-of-the-art health technology programs.

As the health care delivery system changes, health personnel find employment opportunities in hospitals and community agencies designed to provide different types of care, including intensive, chronic, and ambulatory.

All health technology programs have state approval and specialized accreditation. The nursing program is approved by the Maryland Board of Nursing and is accredited by the National League for Nursing Accrediting Commission. All allied health programs have state approval and are accredited by the applicable accrediting body: Commission on Accreditation of Allied Health Education Programs (CAAHEP); Joint Review Commission on Education in Radiologic Technology (JRCERT); Joint Review Commission on Educational Programs in Nuclear Medicine Technology (JRCNMT).

Although graduates are eligible to take the licensure/certification examinations upon program completion, there are restrictions about sitting for the examination if an applicant has been convicted of a felony or a misdemeanor. See program coordinator for additional information.

Satisfactory completion of a health technology career program prepares the graduate to (1) perform the cognitive, technical, and psychomotor skills necessary for a beginning health care practitioner in his/her respective program; (2) demonstrate ethical behaviors and a professional demeanor consistent with the profession’s code of ethics; and (3) sit for the certification/licensing examination appropriate to the field of study.

Students interested in one of the health career programs must meet the eligibility criteria for admission. For more information about these programs, call 301-322-0151 (Advising), or 301-322-0733 (Allied Health), or 301-322-0731 (Nursing).

**Multidisciplinary Health Education Courses:**

These courses are designed to offer opportunities for learning across the various disciplines of health careers for students and health care professionals. Courses may be taken for credit or as a noncredit option with professional CEU approval. (CEUs for Health Information Technology, Nursing, Nuclear Medicine, Physician Assistant, Radiography, and Respiratory Therapy are pending.)

- MHE 198 Continuous Quality Improvement (CQI). 1 Credit**
- MHE 200 Introduction to Medical Terms for Health Professionals. 1 Credit**
- MHE 240 Introduction to Public Health and Health Care Policy. 3 Credits**
- MHE 290 Dysrhythmia Interpretation and ACLS Preparation. 2 Credits**

- MHE 292 Advanced Cardiac Life Support-Provider. 1 Credit**
- MHE 293 Cross-Sectional Anatomy for Health Professionals. 2 Credits**
- MHE 296 Principles and Practice of Computed Tomography, Part I. 3 Credits**
- MHE 297 Principles and Practice of Computed Tomography, Part II. 2 Credits**
- MHE 298 Principles and Practice of Magnetic Resonance Imaging, Part I. 3 Credits**
- MHE 299 Principles and Practice of Magnetic Resonance Imaging, Part II. 2 Credits**

## EMERGENCY MEDICAL TECHNICIAN– PARAMEDIC PROGRAM

The EMT-Paramedic is a professional provider of emergency care to acutely ill or injured patients. The Emergency Medical Technician-Paramedic program provides the skills, knowledge, and clinical experience required to provide safe and effective prehospital care. Students may elect to take courses leading to completion of the Associate of Applied Science Degree or Certificate option.

The program integrates classroom, laboratory, and applied clinical practice following the national standard curriculum of the Department of Transportation. The program collaborates with local fire departments and nationally recognized hospitals and emergency departments for medical and trauma rotations. Upon successful completion of the program, graduates are eligible to take a national certifying examination.

**EMERGENCY MEDICAL TECHNICIAN– PARAMEDIC STUDIES** Code 335  
*Associate of Applied Science Degree (A.A.S.)*

<b>Program Concentration</b>	<b>38 Credits</b>
EMT 151 Prehospital Environment.....	2
EMT 153 Medical Emergencies and Assessment I.....	6
EMT 155 Introduction to Paramedic Practice I.....	3
EMT 158 Shock and Trauma.....	4
EMT 160 EKG Interpretation and Cardiac Emergencies.....	4
EMT 162 Paramedic Practicum II.....	3
EMT 173 Paramedic Practicum III#.....	3
EMT 251 Special Populations and Medical Emergencies II.....	3
EMT 253 Paramedic Practicum IV.....	4
EMT 254 Paramedic Practicum V.....	4
EMT 256 Preparation for EMT-P Certification.....	2

<b>Supporting Courses/Electives</b>	<b>29 Credits</b>
English Composition I and II*.....	6
Humanities*.....	6
Choose one course from each group:	
Group A: SPH 109**	
Group B: ART 101, PHL 101, PHL 113 or PHL 133, or any foreign language course	
Mathematics*.....	3
MAT 112	
Science*.....	8
BIO 205 and BIO 206	

Social Science* .....	3
PSY 101 .....	
Computer Literacy* .....	3

**Total required for A.A.S. degree: 67 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).  
 \*\*Satisfies Cultural Diversity and Humanities component of General Education requirement (see p. 36).  
 # Offered in summer sessions.

**EMERGENCY MEDICAL      Code 334**  
**TECHNICIAN– PARAMEDIC STUDIES**

*Certificate*

<b>Program Concentration</b>	<b>38 Credits</b>
EMT 151 Prehospital Environment .....	2
EMT 153 Medical Emergencies and Assessment I.....	6
EMT 155 Introduction to Paramedic Practice I.....	3
EMT 158 Shock and Trauma .....	4
EMT 160 EKG Interpretation and Cardiac Emergencies.....	4
EMT 162 Paramedic Practicum II.....	3
EMT 173 Paramedic Practicum III #.....	3
EMT 251 Special Populations and Medical Emergencies II .....	3
EMT 253 Paramedic Practicum IV .....	4
EMT 254 Paramedic Practicum V .....	4
EMT 256 Preparation for EMT-P Certification.....	2

<b>Supporting Courses/Electives</b>	<b>14 Credits</b>
English Composition I.....	3
Mathematics.....	3
MAT 104 .....	
Science.....	8
BIO 205 and BIO 206 .....	

**Total required for certificate: 52 credit hours.**

**HEALTH INFORMATION  
 TECHNOLOGY PROGRAM**

Designed for the dynamic field of health information management, this program integrates the disciplines of medicine, computer technology, and business management into a challenging career path. The graduate is prepared to perform technical and supervisory duties in organizing, analyzing, and generating health data for reimbursement, planning, quality assessment, research, and the legal issues surrounding the release of health information.

Employment opportunities are broad-based, in settings such as hospitals, home health care, nursing homes, health maintenance organizations (HMOs), physician’s offices, consulting, computer software companies, and government agencies.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the American Health Information Management Association’s (AHIMA) Council on Accreditation. Graduates are eligible to take the national certification examination administered by the AHIMA. Passing this examination entitles the graduate to use the credential Registered Health Information Technician (RHIT).

**HEALTH INFORMATION TECHNOLOGY      Code 336**  
**Associate of Applied Science Degree (A.A.S.)**

<b>Program Concentration</b>	<b>38 Credits</b>
HIT 150 Fundamentals of Health Information.....	5
HIT 153 Medical Terminology.....	4
HIT 154 Directed Clinical Practice I.....	1
HIT 155 Disease Processes.....	4
HIT 158 Principles and Applications of ICD-9-CM.....	4
HIT 160 Principles of CPT.....	2
HIT 251 Health Information Statistics and Quality Improvement.....	5
HIT 253 Health Information Management.....	3
HIT 255 Health Information in Alternative Care.....	2
HIT 256 Directed Clinical Practice II.....	3
HIT 258 Directed Clinical Practice III.....	2
HIT 260 Medical Reimbursement and Billing.....	3

<b>Supporting Courses/Electives</b>	<b>32 Credits</b>
English Composition I and II* .....	6
EGL 101 and EGL 132 .....	
Humanities* .....	3
SPH 101 or SPH 105 .....	
Mathematics* .....	3
MAT 114 .....	
Science* .....	8
BIO 205 and BIO 206 .....	
Social Sciences* .....	3
PSY 101 .....	
Computer Literacy* .....	3
CIS 101 .....	
Cultural Diversity* .....	3
Business .....	3
MGT 155 .....	

**Total required for A.A.S. degree: 70 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**Health Information Technology Program**  
**MEDICAL CODER/  
 BILLING SPECIALIST OPTION**

This option prepares you for employment in hospitals, physician’s offices, and other health care settings as coders and medical billers of clinical patient information using ICD-9-CM, HCPCS/CPT. The program incorporates classroom instruction and a practicum covering a wide variety of medical specialties in both ambulatory and inpatient care.

**MEDICAL CODER/BILLING      Code 337**  
**SPECIALIST OPTION**

*Certificate*

<b>Program Concentration</b>	<b>25 Credits</b>
HIT 150 Fundamentals of Health Information.....	5
HIT 153 Medical Terminology.....	4
HIT 155 Disease Processes.....	4
HIT 158 Principles and Applications of ICD-9-CM.....	4
HIT 160 Principles of CPT.....	2
HIT 256 Directed Clinical Practice II.....	3

HIT 260 Medical Reimbursement and Billing.....	3
<b>Supporting Courses/Electives</b>	<b>14 Credits</b>
English Composition I.....	3
EGL 101	
Science.....	8
BIO 205 and BIO 206	
Computer Literacy.....	3
CIS 101	

**Total required for certificate: 39 credit hours.**

## NUCLEAR MEDICINE TECHNOLOGY PROGRAM

The nuclear medicine technologist performs procedures using sophisticated equipment such as imaging cameras, medical computers, scintillation detectors, and scanners to assist the physician in diagnosing and treating patients.

Students in the curriculum study anatomy, physiology, physics, clinical instrumentation, and computer-assisted diagnostic imaging. Instruction takes place in campus classrooms and laboratories, and continues into the clinical setting of hospitals and medical centers with one-to-one instruction and guidance.

The nuclear medicine technology program provides two options: a one-year certificate option for students who have licensure or certification in radiography, respiratory therapy, medical technology, radiation therapy or nursing; and a two-year Associate of Applied Science degree for students who have successfully completed prerequisite courses.

### NUCLEAR MEDICINE TECHNOLOGY Code 315

*Associate of Applied Science Degree (A.A.S.)*

<b>Program Concentration</b>	<b>33 Credits</b>
NUM 155 Intro. to Nuclear Medicine Technology I #.....	4
NUM 156 Intro. to Nuclear Medicine Technology II #.....	4
NUM 251 Nuclear Medicine Techniques I.....	3
NUM 252 Nuclear Medicine Techniques II.....	3
NUM 253 Clinical Nuclear Medicine Technology I.....	6
NUM 254 Clinical Nuclear Medicine Technology II.....	7
NUM 255 Radiopharmacy and Radiation Chemistry.....	2
NUM 260 Clinical Nuclear Medicine Technology III #.....	4

<b>Supporting Courses/Electives</b>	<b>37 Credits</b>
English Composition I and II*.....	6
Humanities**.....	3
SPH 109	
Mathematics*.....	6
MAT 112 and MAT 114	
Science*.....	16
BIO 205, BIO 206, PHY 150; and CHM 101 or PSC 115	
Social Sciences*.....	3
PSY 101	
Computer Literacy*.....	3
CIS 101	

**Total required for A.A.S. degree: 70 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity and Humanities component of General Education requirement (see pp. 35-36).

#Offered in summer sessions.

### NUCLEAR MEDICINE TECHNOLOGY Code 325

#### OPTION

#### *Certificate*

**Prerequisites for NMT Certificate Option** **25 Credits**

BIO 205/206 Human Anatomy and Physiology I and II.....	8
MAT 112 Mathematics for General Education.....	3
MAT 114 Introduction to Statistics.....	3
PHY 150 Technical Physics for Nuclear Medicine.....	4
CHM 101 General Chemistry I	
OR	
PSC 115 Fundamentals of Chemistry and Physics.....	4
CIS 101 Computer Literacy.....	3

**Program Concentration** **33 Credits**

NUM 155 Intro. to Nuclear Medicine Technology I #.....	4
NUM 156 Intro. to Nuclear Medicine Technology II #.....	4
NUM 251 Nuclear Medicine Techniques I.....	3
NUM 252 Nuclear Medicine Techniques II.....	3
NUM 253 Clinical Nuclear Medicine Technology I.....	6
NUM 254 Clinical Nuclear Medicine Technology II.....	7
NUM 255 Radiopharmacy and Radiation Chemistry.....	2
NUM 260 Clinical Nuclear Medicine Technology III #.....	4

**Total required for certificate: 33 credit hours.**

#Offered in summer sessions.

## NURSING PROGRAM

The nursing program prepares graduates to provide direct client care in a safe, effective manner across multiple settings. To achieve this goal, three educational options exist in the program: the registered nurse (RN), the licensed practical nurse (LPN), and upward mobility for LPN to RN.

The registered nurse (RN) is prepared to manage the care of clients in any setting to achieve an optimal state of health. The RN uses the nursing process to assess and analyze the health needs and/or problems of clients, plan and implement appropriate actions based upon nursing diagnosis or identified client needs, and evaluate the extent to which expected outcomes are achieved. The RN program articulates with baccalaureate degree nursing programs allowing graduates to transfer or challenge credits. Graduates of the associate degree registered nursing program earn an Associate of Science degree (A.S.) and are eligible to sit for the RN licensure examination.

The licensed practical nurse (LPN) uses the nursing process to collect and organize relevant health care data and assist in the identification of the health needs/problems of clients throughout the clients' life span and in a variety of settings. The entry-level licensed practical nurse, under appropriate supervision, coordinates and provides care, while contributing to the plan for nursing interventions to meet the needs of clients with commonly occurring health problems having predictable outcomes. The LPN program articulates with associate degree RN programs providing graduates with advanced standing. Graduates of the licensed practical nursing program earn a certificate and are eligible to sit for the LPN licensure examination.

The LPN to RN transition option permits LPNs to enter the second year of the RN program in the fall semester after completing prerequisites, challenge exams, and course work.

The nursing program is approved by the Maryland Board of Nursing and the RN program is accredited by the National League

for Nursing Accrediting Commission, 350 Hudson Street, New York, New York 10014, Phone: (800) 669-9656.

## NURSING (RN) **Code 319**

### Associate of Science Degree (A.S.)

Program Concentration	34 Credits
NUR 170 Foundations of Nursing Practice.....	3
NUR 171 Principles and Practices of Nursing.....	5
NUR 172 Maternal Newborn Nursing.....	3
NUR 173 Adult and Child Health Nursing.....	3
NUR 174-179 Current Topics in Nursing.....	2
NUR 270 Psychiatric/Mental Health Nursing***.....	3
NUR 271 Nursing the Client with Complex Health Problems I***.....	3
NUR 272 Nursing the Client with Complex Health Problems II.....	3
NUR 273 Nursing Clients in the Community.....	3
NUR 274 Advanced Nursing Practicum.....	2
NUR 275 Issues and Trends in Health Care.....	3
NUR 276 Directed Study of Nursing.....	1

Supporting Courses/Electives	36 Credits
English Composition I and II*.....	6
Humanities*.....	6
Choose one course from each group:	
Group A: SPH 109**.....	
Group B: ART 101, MUS 101, PHL 101, PHL 119, THE 101, or any foreign language course.....	
Mathematics*.....	3
MAT 112.....	
Science*.....	12
BIO 205, BIO 206, and BIO 201.....	
Social Sciences*.....	9
PSY 101, PSY 207, and SOC 101.....	

### Total required for A.S. degree: 70 credit hours.

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity and Humanities component of General Education requirement (see pp. 35-36).

\*\*\*Licensed Practical Nurses who successfully complete NUR 154 will enter NUR 270 or NUR 271.

## NURSING (LPN) **Code 311**

### Certificate

Program Concentration	22 Credits
NUR 162 Nursing Care of the Adult.....	5
NUR 164 Nursing in Society.....	1
NUR 170 Foundations of Nursing Practice.....	3
NUR 171 Principles and Practices of Nursing.....	5
NUR 172 Maternal Newborn Nursing.....	3
NUR 173 Adult and Child Health Nursing.....	3
NUR 174-179 Current Topics in Nursing.....	2

Supporting Courses/Electives	24 Credits
EGL 101 Composition I: Expository Writing.....	3
Humanities.....	3
SPH 109.....	
Mathematics.....	3
MAT 112.....	
Science.....	12
BIO 201, BIO 205 and BIO 206.....	

Social Sciences.....	3
PSY 207.....	

Total required for certificate: 46 credit hours.

## RADIOGRAPHY PROGRAM

The radiography program prepares you to practice as a proficient, professional radiographer in culturally diverse health care settings. Through patient care/management, radiographic procedures, radiation protection, equipment operation including physics and instrumentation, image production, and clinical practice, students progress from the learning phase to the multiskilled, practitioner phase. You will be prepared with the skills necessary to perform radiologic examinations that produce high-quality diagnostic images to be used in the diagnosis and treatment of patient disease.

The program is structured to allow you to earn an Associate of Applied Science (A.A.S.) degree, prepare you for the American Registry of Radiologic Technologist (ARRT) board exam, and enable you to apply to take the board exam upon successful completion of all required courses. Additional postgraduate courses are offered for students to continue their learning after graduation, take advanced level board examinations, and satisfy continuing education requirements.

The radiography program is fully accredited by the Joint Review Committee on Education in Radiologic Technology.

**Technical Standards for Admission:** Part of the necessary criteria is for the student to submit evidence of physical examination and immunizations as outlined on the Radiography Program Physical Examination Form. This physical examination must indicate with reasonable accommodation that the applicant is able to:

- work 8-10 hours per day performing physical tasks such as sitting, lifting, bending, turning, carrying, and moving around the physical environment
- perform fine motor movements needed to manipulate instruments and equipment
- communicate effectively, both verbally and in writing, with peers, patients, and physicians
- monitor and assess patients needs using auditory and visual skills
- monitor radiation exposure by visual and auditory mode
- work safely with patients who are susceptible or are in the contagious stage(s) of communicable diseases
- establish and work toward goals in a responsible manner
- work as a member of the health care team to care for patients while delivering ionizing radiation and maintaining high standards of professionalism.

The student must also provide proof of certification in Basic Cardiac Life Support (CPR C for health professionals) to the faculty of the program to be considered to have a completed health file. The CPR card, along with a complete physical examination form approved by the college nurse, will make the student eligible for entry in the clinical education center.

**RADIOGRAPHY** **Code 314**

*Associate of Applied Science Degree (A.A.S.)*

<b>Program Concentration</b>	<b>41 Credits</b>
RAD 141 Radiographic Techniques I.....	3
RAD 142 Radiographic Techniques II.....	3
RAD 150 Introduction to Image Production.....	1
RAD 151 Patient Care and Management.....	2
RAD 152 Introduction to Equipment Operation.....	2
RAD 153 Clinical Radiography I.....	2
RAD 154 Clinical Radiography II.....	4
RAD 155 Clinical Radiography III.....	2
RAD 156 Clinical Radiography IV.....	2
RAD 157 Radiography Seminar.....	1
RAD 200 Advanced Radiography Practicum.....	1
RAD 241 Radiographic Techniques III.....	3
RAD 242 Radiographic Techniques IV.....	2
RAD 243 Multiskilling for Imaging Professionals.....	2
RAD 253 Clinical Radiography V.....	4
RAD 254 Clinical Radiography VI.....	4
RAD 255 Radiation Biology/Protection.....	3

<b>Supporting Courses/Electives</b>	<b>27 Credits</b>
English Composition I and II*.....	6
Humanities**.....	3
SPH 109	
Mathematics*.....	3
MAT 112	
Science*.....	11
BIO 205, BIO 206, and PHY 156	
Social Sciences*.....	3
PSY 101	
Computer Literacy.....	1
CIS 108 OR	
MHE 200	

**Total required for A.A.S. degree: 68 credit hours.**  
 \*Satisfies General Education requirement (see pp. 33-36).  
 \*\*Satisfies Cultural Diversity and Humanities component of General Education requirement (see pp. 35-36).

**RESPIRATORY THERAPY PROGRAM**

This program of study stresses the caring commitment to patients with chronic cardiopulmonary disease as well as innovative management of acute trauma with special interest in critically ill newborns and adults. The curriculum is integrated over two years with classroom study designed to complement clinical learning experiences in some of the most renowned hospital facilities in the country.

Clinical sites currently serving the respiratory therapy program are Prince George’s Hospital Center, Washington Hospital Center, University of Maryland Hospital, the Shock Trauma Center in Baltimore, the National Institutes of Health, Johns Hopkins University Hospital, Southern Maryland Hospital, MedStar Medical, Gladys Spellman Nursing Center, and Washington Adventist Hospital.

The respiratory therapy program is fully accredited by the Committee on Accreditation for Respiratory Care.

**RESPIRATORY THERAPY** **Code 313**

*Associate of Applied Science Degree (A.A.S.)*

<b>Program Concentration</b>	<b>38 Credits</b>
RST 153 Principles & Practice of Respiratory Therapy I.....	3
RST 157 Principles of Cardiopulmonary Physiology.....	4
RST 160 Principles of Ventilatory Diseases.....	3
RST 163 Principles & Practice of Respiratory Therapy II.....	5
RST 173 Clinical Practice in Respiratory Therapy III #.....	3
RST 174 Ventilators & Introduction to Critical Care #.....	3
RST 249 Neonatal Respiratory Care.....	2
RST 250 Pharmacology for Respiratory Therapy.....	3
RST 253 Clinical Practice in Critical Care I.....	5
RST 262 Trends in Respiratory Therapy.....	2
RST 263 Clinical Practice in Critical Care II.....	5

<b>Supporting Courses/Electives</b>	<b>31 Credits</b>
English Composition I and II*.....	6
Humanities**.....	3
SPH 109	
Mathematics*.....	3
MAT 112	
Science*.....	16
BIO 205, BIO 206, BIO 201, and PSC 115	
Social Sciences*.....	3
PSY 101	

**Total required for A.A.S. degree: 69 credit hours.**  
 \*Satisfies General Education requirement (see pp. 33-36).  
 \*\*Satisfies Computer Literacy component of General Education requirement (see p. 36).  
 #Offered in summer sessions.

**MARKETING MANAGEMENT**

**Marketing Management Program (A.A.S., Cert.)**

The marketing management program at Prince George’s Community College helps you develop the methods, tools, techniques, and management skills needed for success in marketing, which involves the distribution of goods and services. These skills have broad applications in private organizations, as well as in government and nonprofit organizations. Graduates may be able to get jobs in retailing, inventory control, transportation, warehousing, advertising, or selling. The courses required for the certificate in marketing may be applied to the Associate of Applied Science degree in marketing management.

For more information about the marketing management program, call 301-322-0696.

**MARKETING MANAGEMENT Code 490**

*Associate of Applied Science Degree (A.A.S.)*

**Program Concentration 39-40 Credits**

MKG 251 Introduction to Marketing.....	3
MKG 263 International Marketing.....	3
MKG 271 Salesmanship.....	3
MKG 273 Retail Business Management.....	3
MKG 277 Advertising.....	3
MGT 272 Managing Workplace Diversity**.....	3
ACC 101 Principles of Accounting I OR	
ACC 103 Accounting for Managers.....	3-4
BUS 122 Business Law I.....	3
MGT 101 Introduction to Business.....	3
MGT 162 Financial Planning and Investments.....	3
Business-related electives.....	9

Choose from the following:

ACC 102-104	MGT 160	MGT 265-266
BUS 124	MGT 180	MGT 270
CAP 131	MGT 250-255	MGT 275
MGT 150	MGT 258-259	MGT 291-293
MGT 155	MGT 261	PHL 140
MGT 157	MGT 263	RLS 103

**Supporting Courses/Electives 26-28 Credits**

English Composition I and II*.....	6
Humanities*.....	3
SPH 101 or SPH 111	
Mathematics*.....	6
Science*.....	3-4
Social Sciences*.....	3
Computer Literacy*.....	3
CIS 101	
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 65 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).  
 \*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

**MARKETING MANAGEMENT Code 494**

*Certificate*

**Program Concentration 30 Credits**

MKG 251 Introduction to Marketing.....	3
MKG 263 International Marketing.....	3
MKG 271 Salesmanship.....	3
MKG 273 Retail Business Management.....	3
MKG 277 Advertising.....	3
MGT 101 Introduction to Business.....	3
MGT 180 Microcomputer Applications for the Business Manager.....	3

Electives ..... 9

Choose from the following:

ACC 101	MGT 150
ACC 103	MGT 155
BUS 122	MGT 157
MAT 112 or higher	MGT 162

**Total required for certificate: 30 credit hours.**

# ORNAMENTAL HORTICULTURE

**Ornamental Horticulture Program (LOR)**

This program is designed for students seeking entry-level supervisory training, as well as those wishing to upgrade specific competencies in the green industry. The letter of recognition is for students who desire training in exterior landscaping or nursery and garden center management. Students learn to identify plants, recognize diseases and pests, and initiate proper control methods for infestations. Proper plant installation and maintenance is also covered. Practical work experience through cooperative education provides on-the-job exposure. After satisfying the employment hours required by the Maryland Nurserymen’s Association, the student can take the exam to become a certified horticulturist in the state. Courses in the program meet requirements to take the Maryland and D.C. Certified Pesticide Application exam.

For more information regarding the ornamental horticulture program, call 301-322-0182.

**ORNAMENTAL HORTICULTURE Code 841**

*Letter of Recognition*

**Program Concentration 11 Credits**

HRT 101 Principles of Ornamental Horticulture.....	4
HRT 103 Principles of Landscape Contracting and Design OR	
HRT 105 Principles of Greenhouse Management OR	
HRT 108 Introduction to Turfgrass Management.....	3
HRT 116 Woody Ornamental Plants I OR	
HRT 117 Woody Ornamental Plants II.....	3
HRT 292 Cooperative Education.....	1

**Total required for letter of recognition: 11 credit hours.**

# PARALEGAL/LEGAL ASSISTANT

**Paralegal/Legal Assistant Program (A.A.S., Cert., LOR)**

The paralegal/legal assistant Associate of Applied Science degree helps you qualify as a legal assistant in government agencies and private law firms. People working in government or private legal services who wish to upgrade their skills or advance in their jobs may choose the letter of recognition or certificate options.

Legal assistants are in high demand in the Washington metropolitan area in public agencies, private legal firms, and related businesses. They assist lawyers with procedural activities in the practice of law, including researching information and drafting comments. For more information, call 301-322-0697.

## PARALEGAL/LEGAL ASSISTANT Code 834

*Associate of Applied Science Degree (A.A.S.)*

<b>Program Concentration</b>	<b>30 Credits</b>
PAR 151 Introduction to Law for the Paralegal.....	3
PAR 155 Techniques of Legal Research.....	3
PAR 157 Contracts.....	3
PAR 158 Employment Law.....	3
PAR 159 Domestic Relations.....	3
PAR 160 Civil Litigation.....	3
PAR 251 Legal Writing and Documents.....	3
CJT 251 Criminal Law.....	3
CJT 254 Criminal Evidence and Procedure.....	3
Elective.....	3

Choose from the following:

BUS 122	any FOS	PHL 140
BUS 124	PAR 253-255	POS 102
CAP 131	PAR 257	PSY 201
any CJT	PAR 291-293	SPN 101

<b>Supporting Courses/Electives</b>	<b>38-39 Credits</b>
English Composition I and II*.....	6
Humanities*.....	6
SPH 101 and PHL 101	
Mathematics*.....	3
MAT 112	
Science*.....	3
Social Sciences*.....	12
PSY 101, SOC 101, POS 101 or POS 102, and SOC 201 or SOC 203	
Computer Literacy*.....	3
CIS 101	
Cultural Diversity*.....	3
Health/Physical Education.....	2-3
Any HLE or at least 2 credits of PED	

**Minimum required for A.A.S. degree: 68 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## PARALEGAL/LEGAL ASSISTANT Code 835

*Certificate*

<b>Program Concentration</b>	<b>27 Credits</b>
PAR 151 Introduction to Law for the Paralegal.....	3
PAR 155 Techniques of Legal Research.....	3
PAR 157 Contracts.....	3
PAR 160 Civil Litigation.....	3
PAR 251 Legal Writing and Documents.....	3
CJT 251 Criminal Law.....	3
CJT 254 Criminal Evidence and Procedure.....	3
Electives.....	6

Choose from the following:

BUS 122	PAR 158	PSY 101
BUS 124	PAR 159	PSY 201
CAP 131	PAR 253	SOC 201
CIS 101	PAR 255	SOC 203
any CJT	PAR 291-293	SPN 101
any FOS	PHL 140	

<b>Supporting Courses/Electives</b>	<b>6 Credits</b>
EGL 101 Composition I: Expository Writing.....	3
Social Sciences.....	3
POS 101	

**Total required for certificate: 33 credit hours.**

## PARALEGAL/LEGAL ASSISTANT Code 836

*Letter of Recognition*

<b>Program Concentration</b>	<b>9 Credits</b>
PAR 151 Introduction to Law for the Paralegal.....	3
PAR 155 Techniques of Legal Research.....	3
PAR 251 Legal Writing and Documents.....	3

**Total required for letter of recognition: 9 credit hours.**

# SPACE ENGINEERING TECHNOLOGY

**Space Engineering Technology Program (A.A.S.)**  
 Space Engineering Technology Option; Computer Systems Technology Option; Quality Assurance Technology Option

The Space Technology Institute is a cooperative venture between Prince George's Community College and NASA's Goddard Space Flight Center in Greenbelt. The college, NASA, and NASA's corporate contractors have jointly designed the space engineering technology program, which offers additional options in computer systems technology and quality assurance technology.

The space engineering technology program has two goals. The first is to provide students with the specialized skills needed to attain entry-level employment in the space technology field. Newly trained technicians, quality analysts, and programmer/analysts can work at NASA's Goddard Space Flight Center and its associated contractors. The second goal is to upgrade and enrich the skills of existing Goddard and Goddard contractor employees. Graduates of the program

may be able to transfer to bachelor's degree programs at local colleges and universities. Follow the requirements of your transfer institution.

For more information on the Space Technology Institute and the space engineering technology program, call 301-322-0751.

## SPACE ENGINEERING Code 670 TECHNOLOGY OPTION

*Associate of Applied Science Degree (A.A.S.)*

### Program Concentration 36-37 Credits

ENT 190	Introduction to Space Technology	3
ENT 192	Quality Management: Engineering Process	3
Programming elective		3-4
CIS 111 or ENT 177		
ENT 171	Circuits and Measurement Techniques	3
ENT 172	Circuit Analysis and Design	3
ENT 178	Analog Circuits	4
ENT 180	Digital Circuits	4
ENT 185	Circuit Evaluation and Repair	2
Additional technical electives (choose three or more):		11
ENT 220	High-Rel. Soldering/Fabrication	
ENT 221	Electronic Instrumentation †	
ENT 222	Satellite Communications †	
ENT 256	Computer-Aided Electronic Design	
ENT 273	Electronic Communication	
ENT 281	CPU Architecture	
ENT 296-298	Cooperative Education	

### Supporting Courses/Electives 28-29 Credits

English Composition I and II*		6
Humanities*		3
SPH 101		
Mathematics*		3
MAT 134 or higher		
Science*		8
PHY 157 and lab science elective (PHY 101 recommended)		
Social Sciences*		3
Cultural Diversity*		3
Health/Physical Education		2-3
Any HLE or at least 2 credits of PED		

**Minimum required for A.A.S. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

†Course under development.

## COMPUTER SYSTEMS Code 671 TECHNOLOGY OPTION

*Associate of Applied Science Degree (A.A.S.)*

### Program Concentration 36-37 Credits

ENT 190	Introduction to Space Technology	3
ENT 192	Quality Management: Engineering Process	3
Programming elective		3-4
CIS 111 or ENT 177		
CIS 161	Software Quality Assurance	3
CIS 170	Understanding Operating Systems	3
CIS 272	UNIX Operating System	4
CIS 112	Computer Programming II	4

CIS 213	Advanced Programming: C++	4
Additional technical electives (choose three or more):		9
Select from CIS, ENT, or approved MAT courses.		

### Supporting Courses/Electives 28-29 Credits

English Composition I and II*		6
Humanities*		3
SPH 101		
Mathematics*		3
MAT 134 or higher		
Science*		8
PHY 157 and lab science elective (PHY 101 recommended)		
Social Sciences*		3
Cultural Diversity*		3
Health/Physical Education		2-3
Any HLE or at least 2 credits of PED		

**Minimum required for A.A.S. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

## QUALITY ASSURANCE Code 672 TECHNOLOGY OPTION

*Associate of Applied Science Degree (A.A.S.)*

### Program Concentration 36-37 Credits

ENT 190	Introduction to Space Technology	3
ENT 192	Quality Management: Engineering Process	3
Programming elective*		3-4
CIS 111 or ENT 177		
ENT 171	Circuits and Measurement Techniques	3
ENT 186	Fundamentals of Quality	3
ENT 201	Config. Mgmt. and Project Integrity	3
ENT 202	Quality Improvement Techniques	3
MAT 114	Introduction to Statistics	3
Additional technical electives (choose four):		12
ENT 153	Technical Drawing	
ENT 157	Machine Drafting	
ENT 160	Introduction to CAD with AutoCAD	
ENT 172	Circuit Analysis and Design	
ENT 220	High-Reliability Soldering/Fabrication	
ENT 221	Electronic Instrumentation †	
ENT 222	Satellite Communication †	
ENT 296-298	Cooperative Education	

### Supporting Courses/Electives 28-29 Credits

English Composition I and II*		6
Humanities*		3
SPH 101		
Mathematics*		3
MAT 134 or higher		
Science*		8
PHY 157 and lab science elective (PHY 101 recommended)		
Social Sciences*		3
Cultural Diversity*		3
Health/Physical Education		2-3
Any HLE or at least 2 credits of PED		

**Minimum required for A.A.S. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

†Course under development.

# TEACHER EDUCATION AND EARLY CHILDHOOD EDUCATION

**Teacher Education and Early Childhood Education Programs**  
Early Childhood Education Program (A.A.S., Cert.); Teacher Education (A.A.T.)

The programs outlined on the following pages serve different purposes. The early childhood education, elementary education, and secondary teacher education programs prepare students to transfer to a college of education in Maryland. The early childhood education (A.A.S.) program pertains to teaching in and managing preschools in private early childhood centers and child care programs.

## TEACHER EDUCATION PROGRAMS AND EARLY CHILDHOOD EDUCATION

Students preparing to enter the teaching profession should thoroughly review the information outlined on pages 92-94. There are a number of career options presented to aspiring teachers that are influenced by state and county requirements and by the professional associations involved in teacher preparation.

Your career goals should, with the ongoing advice of a program coordinator or advisor, determine which of the college's programs you should follow. The college strongly recommends that no student in these programs make curriculum decisions without meeting with a college advisor. Furthermore, students who wish to become teachers of young children should not designate general studies as their curriculum choice.

For the most part, students in these programs hold the following career objectives:

- Students whose career objective is to become a staff member or director of a private school should enroll in the Early Childhood Education (ECE) A.A.S. program.
- Students whose career objective includes obtaining a bachelor's degree in Early Childhood Education to teach at the N-3 level in a public school should follow the ECE A.S. degree within teacher preparation.
- For students intending to pursue a bachelor's degree at a college of education in Early Childhood Education or Elementary Education, please be advised that the Maryland State Department of Education issues the N-3 certification for Early Childhood and the 1-8 Certification for Elementary Education. Secondary certification is for grades 7-12 and requires that students major in the subject they intend to teach.

## EARLY CHILDHOOD EDUCATION PROGRAM

The early childhood education program (A.A.S. degree) provides the educational background to teach preschool children in private early childhood centers and direct early childhood centers. The program introduces students to child development theories, current early childhood education issues, the exceptional child, assessment skills, developmentally-appropriate curricula, management, and language skills.

For more information about early childhood education, call 301-322-0525.

## STATE OF MARYLAND CERTIFICATION REQUIREMENTS

Many baccalaureate teacher preparation programs require that students successfully complete the PRAXIS I test of basic skills assessment in math and reading, as an entrance requirement into the programs. All teacher education students are required to complete the PRAXIS I test upon completion of 45 credit hours or prior to graduation.

The Maryland State Department of Education requires that students applying for initial teaching certification successfully complete the PRAXIS II test (subject and pedagogy assessment), which is usually taken near the end of the baccalaureate course work and student teaching.

There is also an alternative route to certification through the Resident Teacher Certification Program, which Prince George's County Public Schools employs. The Resident Teacher Certification (RTC) is issued to applicants who have met the following qualifications:

1. Hold a bachelor's degree from an accredited institution with a concentration in a discipline appropriate to assignment in an elementary or secondary school curriculum.
2. Receive a "B" average or better in courses related to the assignment.
3. Submit qualifying scores on teacher certification tests—PRAXIS I and II.
4. Additional hours of study will be specified by the respective school system.

State of Maryland certification requirements specify that prospective and provisionally certified teachers must complete 18 semester hours of course work in the "professional" category from an institution of higher education with at least one course in each of the following at the appropriate age or grade level of the certificate:

1. child or adolescent development.
2. human learning.
3. teaching methodology.
4. inclusion of diverse student populations.
5. assessment of students.

### The following courses are applicable to In-Service Teacher Education and Certification in Maryland:

EDU 203	Introduction to Special Education (elementary and secondary)
EDU 205	Assessment of Students (elementary and secondary)
EDU 210	Processes and Acquisition of Reading (elementary only)
EDU 211	Instruction of Reading (elementary only)
EDU 212	Assessment of Reading (elementary only)
EDU 213	Materials for Reading (elementary only)
EDU 214	Teaching Reading in the Content Areas I (secondary only)
EDU 215	Teaching Reading in the Content Areas II (secondary only)
EDU 240	Elementary Methods (elementary only)
EDU 250	Secondary Methods (secondary only)
PSY 203	Child Psychology (elementary only)
PSY 204	Adolescent Psychology (secondary only)
PSY 206	Educational Psychology (elementary and secondary)

In addition to "professional" category, teachers may need additional credits in some content area. These courses can be selected from the numerous offerings at PGCC.

**EARLY CHILDHOOD EDUCATION Code 763****Associate of Applied Science Degree (A.A.S.)**

<b>Program Concentration</b>		<b>33 Credits</b>
ECE 151	Introduction to Early Childhood Education.....	3
ECE 154	Observing and Recording Child Behavior.....	3
ECE 156	Introduction to Exceptional Children.....	3
ECE 170	Multicultural Education in the Preschool Classroom*.....	3
ECE 251	Language Arts in Early Childhood Education OR	
EDU 210	Processes and Acquisition of Reading**.....	3
ECE 254	Field Work in Early Childhood Education.....	6
	OR	
ECE 220	Internship in Special Education I.....	3
	AND	
ECE 221	Internship in Special Education II.....	3
ECE 257	Curriculum Development in Early Childhood Education.....	3
ECE 279	Philosophy, Programs, and Practices in Early Childhood Education.....	3
	Early Childhood electives.....	6
	Choose from the following:	
ECE 100	ECE 221	PSY 206
ECE 165	ECE 259	EDU 200
ECE 191	ECE 260	EDU 210
ECE 220	PSY 203	EGL 223

**Supporting Courses/Electives 29-32 Credits**

English Composition I and II*.....	6
EGL 101 and EGL 102	
Humanities*.....	6
SPH 101 or SPH 109 and one of the following: ART 151, MUS 101, PHL 101, THE 101, or any foreign language course	
Mathematics* (MAT 105 recommended).....	3-4
Any math course from general education list	
Science*.....	3-4
Social Sciences*.....	6
PSY 101 and SOC 101	
Computer Literacy*.....	3
ECE 281 recommended	
Health/Physical Education.....	2-3
HLE 215	

**Minimum required for A.A.S. degree: 62 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Students planning to transfer to a four-year college should take EDU 210.

**EARLY CHILDHOOD EDUCATION Code 215****OPTION****Associate of Science Degree (A.S.)**

<b>Program Concentration</b>		<b>15 Credits</b>
ECE 151	Introduction to Early Childhood Education.....	3
ECE 257	Curriculum Development in Early Childhood Education.....	3
ECE 156	Introduction to Exceptional Children.....	3
ECE 279	Philosophy, Programs and Practices in Early Childhood Education.....	3
EDU 210	Processes and Acquisition of Reading.....	3

**Supporting Courses/Electives 49 Credits**

English Composition I and II*.....	6
EGL 101 and EGL 102	
Humanities*.....	9
Choose one course from each group:	
Group A: SPH 101, SPH 105, SPH 109, SPH 111	
Group B: ART 151 or MUS 101	
Group C: EGL 223	
Science*.....	8
Select one biology and one physical science course; both must carry laboratory credit. Recommended: PSC 120 and PSC 121.	
Mathematics*.....	8
MAT 105 and MAT 106	
Social Sciences.....	9
Choose one course from each group:	
Group A: PSY 101*	
Group B: PSY 203* or PSY 206	
Group C: Any social sciences course from the general education list*	
Computer Literacy*.....	3
CIS 101 or ECE 281	
Cultural Diversity*.....	3
ECE 170	
Health/Physical Education.....	3
HLE 215	

**Total required for A.S. degree: 64 credit hours.**

\*Satisfies General Education requirement (see pp. 33-36).

**EARLY CHILDHOOD EDUCATION Code 764****Certificate****Program Concentration 30 Credits**

ECE 151	Introduction to Early Childhood Education.....	3
ECE 154	Observing and Recording Child Behavior.....	3
ECE 156	Introduction to Exceptional Children.....	3
ECE 251	Language Arts in Early Childhood Education.....	3
ECE 254	Field Work in Early Childhood Education.....	6
	OR	
ECE 220	Internship in Special Education I.....	3
	AND	
ECE 221	Internship in Special Education II.....	3
ECE 257	Curriculum Development in Early Childhood Education.....	3
ECE 259	Planning for Creativity.....	3
ECE 279	Philosophy, Programs, and Practices in Early Childhood Education.....	3
HLE 215	Introduction to Child Health.....	3

**Total required for certificate: 30 credit hours.**

## TEACHER EDUCATION PROGRAM

The teacher education program of study leading to the A.A.T. degree is designed to prepare you for teacher education programs at Maryland colleges and universities that offer approved bachelor's programs in teacher preparation.

### ELEMENTARY EDUCATION Code 115

*Associate of Arts in Teaching Degree (A.A.T.)*

#### Program Concentration 18 Credits

EDU 200	Foundations of Education.....	3
EDU 233	Field Experience for Foundations of Education.....	1
EDU 203	Introduction to Special Education.....	3
EDU 234	Field Experience for Special Education.....	1
EDU 235	Field Experience for Educational Psychology.....	1
EDU 210	Processes and Acquisition of Reading.....	3
PSY 203	Child Psychology.....	3
PSY 206	Educational Psychology.....	3

#### Supporting Courses/Electives 48 Credits

English Composition I and II*	6
Humanities*	6
ART 273 and SPH 109**	
Mathematics*	12
MAT 105 and MAT 106 and MAT 116	
Science*	12
PSC 120 and PSC 121 and BIO 101	
Social Sciences*	9
HST 141 and POS 101 and PSY 101	
Health/Physical Education	3
HLE 230	

**Minimum required for A.A.T. degree: 66 credit hours.**

**GPA: 2.75** *Passing grade on PRAXIS I exam*

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).

### SECONDARY EDUCATION Code 116

*Associate of Arts in Teaching Degree (A.A.T.)*

*(Approval Pending)*

#### Program Concentration 15 Credits

EDU 200	Foundations of Education.....	3
EDU 233	Field Experience for Foundations of Education.....	1
EDU 203	Introduction to Special Education.....	3
EDU 234	Field Experience for Special Education.....	1
PSY 206	Educational Psychology.....	3
EDU 235	Field Experience for Educational Psychology.....	1
PSY 204	Adolescent Psychology.....	3

#### Supporting Courses/Electives 46-50 Credits

English Composition I and II*	6
Humanities*	6
ART 273 and SPH 109**	
Mathematics*	3-6
Choice of course depends on major subject.	
Science*	7-8
Two courses; one course must carry laboratory credit.	
Social Sciences*	6
One history course from general education list and PSY 101	
Health/Physical Education	3
HLE 230	
Electives	15
Select from teaching interest area: science, mathematics, social science, humanities, English.	

**Minimum required for A.A.T. degree: 61 credit hours.**

**GPA: 2.75** *Passing grade on PRAXIS I exam*

\*Satisfies General Education requirement (see pp. 33-36).

\*\*Satisfies Cultural Diversity component of General Education requirement (see p. 36).