



CREDIT EDUCATION PLANS

FALL 2021



The following course or program additions/changes have been made:

- No changes have been made.

The following sequence changes have been approved:

- The Electrical Engineering Degree sequence has changed.
- The Robotics/Mechatronics Degree and Certificate sequences have changed.

Courses Deletions:

- No changes have been made.

Note: Going forward, the educational plan manual will be disseminated per semester only if there are new or deleted programs. Otherwise, the manual will only be disseminated simultaneously with the catalog.

The Fall 2021 Educational Plans are available on:

1. **Canvas** (under the Library Services tab),
2. BCCC **website** (under the current students tab>academic programs tab>second click here tab>red click here link), and

3. **Faculty Portal.**
4. **Email.** An email with the educational plans manual attached has been sent out to all faculty and staff for use.

Please contact Shayla Hunter, Coordinator of Academic Operations at (410) 462-8560 or smhunter@bccc.edu if you require additional information.

TABLE OF CONTENTS

Program Coordinator Contact Information	3
Academic Information	6
General Education Requirements.....	8
Career Pathways	10
Student Success and Academic Advisor Information	13
Associate Degree and Area of Concentration Programs.....	14
Certificate Programs.....	64

Program Coordinator Contact Information

DEGREE AND AREA OF CONCENTRATION PROGRAMS

Accounting Brian Lazarus, Liberty LSB 340 410-462-7468	General Studies Transfer Dr. Boyd Servio Mariano, Liberty MNB 305 G 410-462-7447
Actuarial Science Dr. Petal Sumner, Liberty LSB 410-462-	Health Information Technology Kathryn Singleton, Liberty NRS 302 K 410-462-7722
Addiction Counseling Christopher Pelfrey, Liberty MNB 253 J cpelfrey@bccc.edu	Law Enforcement and Correctional Administration Thomas Lucadamo, Liberty MNB 305 F 410-462-7675
Allied Human Services Christopher Pelfrey, Liberty MNB 253 J cpelfrey@bccc.edu	Legal Assistant Autumn Wallace, Liberty MNB 253 H 410-462-7606
Art (AOC) Tamara Payne, MNB 164 A 410-462-7619	Pure and Applied Mathematics (AOC) Dr. Petal Sumner, Liberty LSB 206 410-462-8041
Arts and Science Transfer Melvin Brooks, MNB 317 410-462-8558	Music Performance (AOC) Charles Arnette, Liberty MNB 071 B Fine Arts Wing 410-462-8220
Biotechnology Dr. Kathleen Kennedy, BIOP 233 D 410-637-3805	Nursing Deirdre Stokes, Liberty NRS 306 410-462-7778
Business Administration Dr. Shawn Lane, Liberty MNB 323 F 410-462-7490	Office Administration Dr. Shawn Lane, Liberty MNB 323 F 410-462-7490
Business Administration Transfer Dr. Shawn Lane, Liberty MNB 323 F 410-462-7490	Paramedicine Trudy Booker, Liberty MNB 231 I 410-462-7736
Computer-Aided Drafting and Design Dr. Yohannes Weldegiorgis, Liberty MNB 323 C 410-462-8522	Physical Therapist Assistant Dr. James Dyett, Liberty MNB 117 D 410-462-7723
Computer Information Systems Dr. Chima Ugah, Liberty LSB 344 410-462-8542	Psychology (AOC) Dr. Adia Garrett, Liberty MNB 305 C 410-462-8017

Construction Supervision Dr. Solomon Fakinlede, Liberty MNB 163 410-462-8326	Respiratory Care Tiloy Gilyard, Liberty MNB 231 F 4 10-462-7746
Cyber Security and Assurance Dr. Denise Holland, Liberty LSB 342 410-462-8540	Robotics/Mechatronics Technology Dr. Ye Liu, Liberty LSB 208 410-462-7739 Yun Liu, Liberty LSB 206 410-462-8324
Dental Hygiene Annette Russell, Liberty LSB 220 410-462-7718	Science (AOC) Dr. Adewale Laditan, Liberty LSB 335 410-462-7483
Early Childhood Education Darlene Godwin, Liberty MNB 253 I 410-462-8521	Surgical Technology Andrea Drisdorn, Liberty NRS 309 410-462-7475
Electrical Engineering Dr. Yun Liu, Liberty LSB 206 410-462-8324	Teacher Education Transfer Lorraine Brown, Liberty MNB 253 G 410-462-7781
Elementary Education/Generic Special Education Pre-K-12 Lorraine Brown, Liberty MNB 253 G 410-462-7781	Theatre Performance (AOC) Dr. Katana Hall, Liberty MNB 164 C 410-462-8314
Engineering Transfer Michael Kaye, Liberty LSB 207 410-462-8401	Transportation and Supply Chain Management Dr. Yohannes Weldegiorgis, Liberty MNB 323 C 410-462-8522
Fashion Design Jasmine Chandler, Liberty MNB 217 410-462-8404	

CERTIFICATE AND CERTIFICATE TRACKS

Accounting Brian Lazarus, Liberty LSB 340 410-462-7468	Fashion Design Jasmine Chandler, Liberty MNB 217 410-462-8404
Addiction Counseling Christopher Pelfrey, Liberty MNB 253 J cpelfrey@bccc.edu	Information Technology Basic Skills Dr. Chima Ugah, Liberty LSB 344 410-462-8542
Allied Human Services Christopher Pelfrey, Liberty MNB 253 J cpelfrey@bccc.edu	Lab Animal Science Dr. Amrita Madabushi, BIOP 233 B 410-637-3803
Biotechnology Lab Science Dr. Amrita Madabushi, BIOP 233 B 410-637-3803	Paramedic Bridge Trudy Booker, Liberty MNB 231 I 410-462-7736
Computer-Aided Drafting and Design Dr. Yohannes Weldegiorgis, Liberty MNB 323 C 410- 462-8522	Paramedic Trudy Booker, Liberty MNB 231 I 410-462-7736
Coding Specialist Kathryn Singleton, Liberty NRS 302 K 410-462-7722	Practical Nursing Brenda Overton, Liberty NRS 304 410-462-7766
Construction Supervision Dr. Solomon Fakinlede, Liberty MNB 163 410-462-8326	Robotics/Mechatronics Technology Dr. Ye Liu, Liberty LSB 208 410-462-7739 Yun Liu, Liberty LSB 206 410-462-8324
Cyber Security and Assurance Dr. Denise Holland, Liberty LSB 342 410-462-8540	Transportation and Supply Chain Management Dr. Yohannes Weldegiorgis, Liberty MNB 323 C 410-462-8522
Early Childhood Education Darlene Godwin, Liberty MNB 253 I 410-462-8521	

Academic Information

DEGREES GRANTED

Associate of Arts (AA) - recognizes mastery in the liberal arts and in the fine arts and is intended for transfer to equivalent programs at four-year institutions.

Associate of Science (AS) - recognizes mastery in science or technology with a heavy emphasis on undergraduate mathematics or science and is intended for transfer to programs at four-year institutions.

Associate of Applied Science (AAS) - recognizes the mastery of vocational-technical occupation skills and is intended for those seeking immediate employment opportunities. Graduates with an AAS degree may transfer to a technical program such as a Bachelor's Technology degree or to non-technical courses at a four-year institution.

Associate of Science in Engineering (ASE) - recognizes mastery in programs in electrical engineering.

Associate of Art in Teaching (A.A.T.) - recognizes a mastery in teacher education.

CERTIFICATES GRANTED

Certificates requiring up to 45 credits may be earned. A certificate, while less than a degree, is an accomplishment in itself; many certificate programs meet professional and government certification standards and/or requirements. Some certificate requirements are established by outside professional or government agencies.

FULL-TIME STUDY

Full-time students are those who register for a minimum of 12 credits per Fall or Spring semester. To complete the requirements for the Associate degree in two years, however, students will need to take 15 or sometimes as many as 18 credits per semester, depending upon the program of study. Students who want to take more than 18 credits must have a cumulative average of at least 3.0 and the permission of the Dean of Student Development. This policy applies to all academic sessions including summer.

GRADUATION REQUIREMENTS

Degrees and certificates are awarded in December and May of each academic year. Applications for graduation are available in the Registrar's Office and must be submitted by the fourth week in September for December graduates and the second week in February for May graduates. Commencement is held once a year following the Spring semester.

Associate degrees are awarded to students who meet all of the following requirements:

- **A minimum 60 academic credits plus two credits in Health and Life Fitness, effective Spring 2001.** Any student who re-entered the College in Spring 1988 or later may not include credits earned in ENG 80, ENG 81, RDG 80, and/or RDG 81 as part of the required 60 academic credits.

- **Grade Point Average (GPA) of at least 2.0** (equivalent to a C average)
- **Completion of the General Education Requirements** (30-36 credits for AA and AS degrees; 21-22 credits for AAS degree) in addition to Instructional Program requirements
- **Demonstration of computer literacy** by successful completion of approved computer literacy course or passing the computer literacy test administered by the Test Center
- **Successful completion of ENG 101 with a grade of “C” or better**
- **Meeting all requirements within 10 years of initial enrollment;** re-entering students who have been away for two or more semesters (excluding summers) must meet any new program requirements.

No simultaneous certificates and degrees are awarded in the same specialization. A second Associate degree can be awarded if the student completes a minimum of 15 credits beyond the requirements for the first degree, and completes all requirements in the second specialization. Students majoring in the General Studies Transfer Program may not apply for a second Associate degree.

Certificates are awarded to students who meet all of the following requirements:

- **2.0 or better cumulative Grade Point Average (GPA)**
- Completion of all College, program, and course requirements
- **Demonstration of computer literacy** by successful completion of approved computer literacy courses or passing the computer literacy test administered by the Test Center.
- **Students must complete all requirements within 10 years of initial enrollment;** re-entering students who have been away for two or more semesters (excluding summers) must meet any new program requirements. No simultaneous certificates and degrees are awarded in the same specialization. A second Associate degree can be awarded if the student completes a minimum of 15 credits beyond the requirements for the first degree, and completes all requirements in the second specialization. Students majoring in the General Studies Transfer Program may not apply for a second associate degree. An additional degree requires approval by the Vice President for Academic Affairs.

All BCCC students must meet the College’s Computer Literacy requirement in order to receive a degree or a certificate.

All first-time full- and part-time degree and certificate seeking students are required to complete the PRE-100 course within the first six credits.

General Education Requirements

13B.06.01.03 COMAR

.03 General Education Requirements for public Institutions.

While public institutions have the autonomy to design their general education program to meet their unique needs and mission, that program shall conform to the definitions and common standards in this chapter, and incorporate the general education knowledge and skills required by the Middle States Commission on Higher Education Standards for Accreditation. Effective **August 1, 2017**, a Baltimore City Community College student shall satisfy the general education requirement using the chart below.

If the program listing says "Choose any general education course" the student can choose any course in the list below for which he/she has the prerequisite.

Category	Title	Courses	AA & AS Degrees	AAS Degree
I	Arts and Humanities	ART 106, ART 113, ART 114, ART 122, ART 225, MUS 103, MUS 105, MUS 106, ENG 200, ENG 201, ENG 202, ENG 205, ENG 207, ENG 208, ENG 210, SP 101, PHI 101, PHI 104	Two courses in Arts and Humanities 6 credits	One course 3 credits
II	Social and Behavioral Sciences	ECO 101, ECO 201, ECO 202, GEO 102, H 101, H 102, H 110, H 111, H 151, H 152, H 201, PS 101, PS 102, PS 201, PSY 101, PSY 104, SOC 101, SOC 108, SOC 210, SOC 223	Two courses in Social and Behavioral Sciences 6 credits	One course 3 credits
III	Biological and Physical Sciences:	BIO 101, ES 110, SCI 100, SCI 106 Biological Sciences Courses with Labs: BIO 102, BIO 103, BIO 107, BIO 202, BIO 203, BIO 212 Physical Sciences Courses with Labs: CHE 101, CHE 102, PHSC 110, PHSC 120, PHY 101, PHY 102, PHY 203, PHY 204	Two Science courses; at least one of which shall be a laboratory course 7 credits	One course; can be with or without a lab 3-4 credits
IV	Mathematics	MAT 107, MAT 115, MAT 125, MAT 127, MAT 128, MAT 129, MAT 140, MAT 141	3-4 credits	3-4 credits
V	English Composition	ENG 101	3 credits	3 credits
VI (Optional, see individual program requirements)	Interdisciplinary and Emerging Issues	BUAD 112, CISS 109, CRJ 101, HEA 205, HUM 202, HUM 205, HUM 207, MGMT 180, PHI 105, SOC 150	Limited to 8 credits	Limited to 8 credits

Computer Literacy Requirement

All BCCC students must meet the College's Computer Literacy requirement in order to receive a degree or a certificate. Students can meet this requirement in three ways:

1. By enrolling in one of the majors listed below.
2. By taking one of the computer courses listed below and passing the course with a "C" or better.
3. By passing the College's Computer Literacy Test with a minimum grade of 70%.

Majors That Satisfy the Computer Literacy Requirement

- Accounting
- Business Administration
- Computer-Aided Drafting and Design
- Computer Information Systems
- Fashion Design
- Health Information Technology
- Office Administration








Courses That Satisfy the Computer Literacy Requirement

- BUAD 112: Computers for Business Management
- BCAP 104: Introduction to Operating Systems
- BCAP 155: Word Processing for Business Applications
- CADD 101: Introduction to CADD
- CISS 109: Principles of Computer Information Systems
- CLT 100: Computer Literacy
- CSC108: Programming in C
- FASH 202: Computer-Aided Pattern Design
- HIT 232: Computer Applications in Healthcare
- HIT 251: Healthcare Management and Supervision
- OFAD 119: Word Processing Applications I

The College's computer literacy test can be taken two times. The test is given Monday through Thursday at 9:00 a.m., 1:00 p.m., and 5:00 p.m. and on Friday at 9:00 a.m. and 1:00 p.m., and on Saturday at 10:00 a.m.

Pre-100 Orientation Course

All first-time full- and part-time degree and certificate seeking students are required to complete the PRE-100 course within the first six credits. Preparation for Academic Achievement is a one-credit required orientation course in which students focus on strategies for personal and academic success. Transfer and readmitted students who have completed 15 or more credits toward their degree or certificate can be exempted from this requirement.

	WORKFORCE DEVELOPMENT / CONTINUING EDUCATION (Less than 12 months)	CERTIFICATE (LOWER DIVISION CERTIFICATE) 12 – 30 Credits	ASSOCIATE DEGREE (AAS, AA, AS, ASE) 60 – 74 Credits
BUSINESS, MANAGEMENT, FINANCE, AND PROFESSIONAL SERVICES 	WORKFORCE COMPONENT COMING FALL 2019 Business Administration Services • Microsoft Office Certificate	N/A	• Business Administration Transfer • Business - Marketing (AoC) - Management (AoC) • Office Administration
	N/A	• Accounting • Fashion Design	• Accounting • Fashion Design • Retailing (AoC)
HEALTH AND BIOSCIENCES 	Allied Health Programs • CNA/GNA (Nursing Assistant) • EKG Technician • Multi-Skilled Medical Technician • Patient Care Technician • Pharmacy Technician • Phlebotomy	• Practical Nursing	• Nursing • Surgical Technology • Respiratory Care • Dental Hygiene • Physical Therapist Assistant
	• Medical Billing and Coding	• Coding Specialist	• Health Information Technology
	• Emergency Medical Technician	• Paramedic • Paramedic Bridge	• Paramedicine
	N/A	• Biotechnology/Lab Science • Lab Animal Science	• Biotechnology • Arts and Science Transfer - Science (AoC)
HUMAN SERVICES AND LAW ENFORCEMENT 	WORKFORCE COMPONENT COMING FALL 2019 N/A	• Addictions Counseling • Allied Human Services • Special Education Assistant	• Addictions Counseling • Allied Human Services • Elementary Education/Generic Special Education Pre K-12 (AAT) • Teacher Education Transfer • Arts & Science Transfer - Psychology (AoC)
	Law Enforcement & Corrections • Contract Training	N/A	• Law Enforcement and Correctional Administration
	Paralegal Court Reporting • Contract Training	N/A	• Legal Assistant
	• Childcare Training Programs	• Early Childhood Education	• Early Childhood Education
INFORMATION TECHNOLOGY AND CYBER SECURITY 	Pre-Cyber Security • IT Essentials • A+ Certification	• Information Technology Basic Skills	• Computer Information Systems
	• Net+ Certification • Security + Certification	• Cyber Security and Assurance	• Cyber Security and Assurance
MANUFACTURING, CONSTRUCTION AND ENGINEERING TECHNOLOGIES 	N/A	N/A	• Arts and Science Transfer - Actuarial Science (AoC) - Pure and Applied Mathematics(AoC)
		N/A	• Engineering Transfer • Electrical Engineering Transfer
	N/A	• Robotics/Mechatronics Technology	• Robotics/Mechatronics Technology
	Construction • Telecommunications Cabling • Pre-Apprenticeship	• Construction Supervision	• Construction Supervision • Computer-Aided Drafting and Design (CADD)
TRANSPORTATION DISTRIBUTION LOGISTICS 	Transportation Programs • Warehouse Logistics Associate • Drivers Education / CDL (pending)	• Transportation, Supply Chain Management	• Transportation, Supply Chain Management
	Automotive Technician • Diesel Technician • Service Technician	N/A	N/A
VISUAL AND PERFORMING ARTS/GENERAL STUDIES 	N/A	N/A	• Arts and /Science Transfer - Art (AoC) - Music (AoC) - Theatre (AoC) • General Studies Transfer

Contract Training is available through the Workforce Development and Continuing Education Division. The college offers a range of customized training programs to meet the need of employers and business partners. Customized contract training may be developed in any Career Pathway.

Student Affairs - Student Success Career Pathways Advisors for Credit Programs

Nana Gyesie, Director of Student Success Center

Main Building, Room 020 410-462-8344 NGyesie@bccc.edu

Business, Management, Finance and Professional Services	Health and BioSciences	Human Services and Law Enforcement	Information Technology and Cyber Security	Manufacturing , Construction and Engineering Technologies	Transportation Distribution Logistics	Visual and Performing Arts/General Studies
Justin Young MNB 20 E 410-462-8466	Tanya Deshields MNB 20 I 410-462- 8386	Sandra Agrafiotis MNB 20 G 410-462- 7441	Adaria Sogbor MNB 20 L 410-462- 8466	Judy Gordon MNB 20 B 410-462-8223	Adaria Sogbor MNB 20 L 410-462- 8466	Jasmine Fleming MNB 20 K 410-462- 8321
	Kenneth Gillespie MNB 20 H 410-462- 8348	Rasheedah Evans MNB 20 A 410-462- 8339				Jeffrey Sams MNB 20 L 410-462- 8409

ASSOCIATE DEGREE PROGRAMS

ACCOUNTING DEGREE – M001

Associate of Applied Arts Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

All businesses, from small shops to global conglomerates, report tax-related and other information to local, state, and federal agencies whose constantly increasing regulations create a demand for people thoroughly trained in accounting procedures and policies. BCCC's Accounting Program prepares its graduates for employment as junior accountants, accounting assistants/technicians, or management trainees. Many graduates transfer their BCCC credits to four-year colleges and universities, and also in part to prepare for CPA examinations.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
*ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
MAT 107 or MAT 125	Modern Elementary Statistics or Finite Mathematics	3	MAT 86 or MAT 91 and RENG 92 MAT 92		
Semester Credits		16			
2nd Semester					
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
BUAD 112	Computers for Business Management	3	None		
MGMT 180	Personal Financial Management	3	MAT 82		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		15			
3rd Semester					
ACCT 230	Intermediate Accounting I	3	ACCT 222		
ACCT 235	Cost Accounting	3	ACCT 222		
ECO 202	The American Economy II; Microeconomic Theory	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
Semester Credits		14			
4th Semester					
ACCT 231	Intermediate Accounting II	3	ACCT 230		
ACCT 261	Accounting Applications on Microcomputers	3	ACCT 222		
ACCT 265	Income Tax Accounting	3	ACCT 221		
ACCT 241/COP 200	Auditing Concepts/Cooperative Education	3	ACCT 230/Permission of Associate Dean		
BUAD 207	Business Law I	3	ENG 101		
Semester Credits		15			
PROGRAM TOTAL		60			

*** ECO 201 will fulfill the Social and Behavioral Science Gen. Ed. Requirement**

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ALLIED HUMAN SERVICES DEGREE – M125

Associate of Arts (AA)

CATALOG DESCRIPTION OF PROGRAM:

Allied Human Services is tailor-made for students. These students study an Allied Human Services core in which they receive the special instruction and career foundation courses needed for such fields as social work, mental health, counseling, gerontology, social and behavioral sciences, law enforcement, government service, education, and community and social planning.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
AHS 100	Introduction to Human Services	4	None		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
Semester Credits		15			
2nd Semester					
AHS 101	Clinical/Fieldwork I: Human Services Individual Counseling	4	AHS 100		
AHS 103	Group Dynamics: Small Group Analysis	3	None		
ENG 102	Introduction to the Term Paper and Research Methods	3	ENG 101		
SOC 101	Introduction to Sociology	3	RENG 92		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		16			
3rd Semester					
AHS 102	Clinical/Fieldwork II: Human Services Individual Counseling	5	AHS 101		
ENG 200	Introduction to Literature	3	ENG 101		
H-Elective	H 101, H 110, or H 151	3	Depends on course chosen		
HLF-Elective	Health and Life Fitness	1	None		
PSY 101	Introduction to Psychology	3	RENG 92		
Semester Credits		15			
4th Semester					
HLF-Elective	Health and Life Fitness	1	None		
H-Elective	H 102, H 111, or H 152	3	Depends on course chosen		
PHI 101	Introduction to Philosophy	3	ENG 82 or RENG 92		
HEA 102	CPR/First Aid	1	None		
PSY 204	Abnormal Psychology	3	PSY 101		
BUAD 112	Computers for Business Management	3	None		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ADDICTION COUNSELING DEGREE – M715

Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Students in this option acquire a broad and in-depth background in the humanities as well as in the biological, social, and behavioral sciences while developing those skills essential for working with mental health patients. Through classroom studies and more than 300 hours of fieldwork experience, students develop the necessary expertise in observation, interviewing, counseling, and recording information. In addition, students learn about group counseling, psychological testing, and statistical measurement.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ADC 106	Fundamentals of Chemical Dependency Treatment	3	None		
ADC 108	Pharmacology of Chemical Dependency	3	None		
AHS 100	Introduction to Human Services	4	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
Semester Credits		17			
2nd Semester					
ADC 201	Chemical Dependency Counseling Skills	3	ADC 106, ADC 108		
AHS 101	Clinical/Fieldwork I: Human Services Indv Counseling	4	AHS 100		
PSY 104	Developmental Psychology	3	PSY 101		
HLF-Elective	Health and Life Fitness	1	None		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
AHS 295	Professional Ethics in Human Services	3	AHS 101		
Semester Credits		17			
3rd Semester					
BIO 101	General Biology	3	MAT 80 and ENG 82 or RENG 92		
ADC 202	Assessment and Treatment Planning with Chem Dep Client	3	ADC 106, ADC 108		
AHS 102	Clinical/Fieldwork I: Human Services Group Counseling	5	AHS 101		
HLF-Elective	Health and Life Fitness	1	None		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
Semester Credits		15			
4th Semester					
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
PSY 204	Introduction to Abnormal Psychology	3	PSY 101		
ADC 205	Clinical Fieldwork III: Chemical Dependency	3	102		
CLT 100	Computer Literacy	2	None		
Semester Credits		11			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE
Actuarial Science (Area of Concentration) – M720
Associate of Science Degree (AS)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
MAT 140	Calculus I	4	MAT 129		
PHI 104	Logic and Critical Thinking	3	RENG 92		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
	Semester Credits	15			
2nd Semester					
CSC 108	Programming in C	3	MAT 125 or MAT 128		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
ENG 200	Introduction to Literature	3	ENG 101		
MAT 141	Calculus II	4	MAT 140		
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
	Semester Credits	16			
3rd Semester					
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
HLF-Elective	Health and Life Fitness	1	None		
MAT 210	Advanced Calculus	4	MAT 141		
PHY 203	General Physics I	5	MAT 140		
	Semester Credits	13			
4th Semester					
H 101 or H 151	History of American Civilization I or World History I	3	ENG 82 or RENG 92		
MAT 211	Differential Equations	4	MAT 141		
MAT 212	Linear Algebra	4	MAT 141		
PHY 204	General Physics II	5	MAT 141 and PHY 203		
	Semester Credits	16			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Art (Area of Concentration) – M170

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	COURSE SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ART 101	Beginning Drawing	3	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
PHI 104	Logic and Critical Thinking	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
	Semester Credits	16			
2nd Semester					
ART 102	Beginning Painting	3	None		
ART 105	Fundamentals of Design	3	None		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and ENG 82 or RENG 92		
ENG 200	Introduction to Literature	3	ENG 101		
HLF-Elective	Health and Life Fitness	1	None		
MUS 103	Music Appreciation	3	ENG 82 or RENG 92		
	Semester Credits	17			
3rd Semester					
ART 113	History of Art I	3	ENG 82 or RENG 92		
ART 130	Graphic Design Materials and Methods	3	ART 101 and/or ART 105 or instructor's perm.		
ART 200	Intermediate Drawing	3	ART 101		
HLF-Elective	Health and Life Fitness	1	None		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
	Semester Credits	13			
4th Semester					
ART 114	History of Art II	3	ART 113, ENG 82 or RENG 92		
ART-Elective	Art Elective	3	Depends on course chosen		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
BPS-Elective	Physical Science (without lab) ES 110; SCI 100; or SCI 106	3	Depends on course chosen		
CLT 100	Computer Literacy	2	None		
	Semester Credits	14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Pure and Applied Mathematics (Area of Concentration) – M503

Associate of Science Degree (AS)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92 or appropriate course		
HLF-Elective	Health and Life Fitness	1	Depends on course chosen		
MAT 140	Calculus I	4	MAT 129		
PHI 104	Logic and Critical Thinking	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92 or appropriate course		
Semester Credits		15			
2nd Semester					
CSC 108	Programming in C	3	ENG 82 or RENG 92; MAT125 or MAT 128; CISS 116		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
ENG 200	Introduction to Literature	3	ENG 101		
MAT 141	Calculus II	4	MAT 140		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
Semester Credits		16			
3rd Semester					
MAT 219	Discrete Mathematics	3	MAT 129		
H 101 or H 151	History of American Civilization I or World History I	3	ENG 82 or RENG 92		
MAT 210	Advanced Calculus	4	MAT 141		
PHY 203	General Physics I	5	MAT 140		
Semester Credits		15			
4th Semester					
HLF-Elective	Health and Life Fitness	1	None		
MAT 211	Differential Equations	4	MAT 141		
MAT 212	Linear Algebra	4	MAT 141		
PHY 204	General Physics II	5	MAT 141; PHY 203		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Music Performance (Area of Concentration) – M603

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
MUS 100	Introduction to Music Fundamentals	3	None		
MUS 101	Theory of Music I	3	MUS 191- Corequisite		
MUS 195	Choir I	1	None		
MUS 191	Ear Training I	1	MUS 101- Corequisite		
	Semester Credits	16			
2nd Semester					
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
SCI 100	Elements of Earth Science	3	MAT 81 or MAT 91; ENG 82 or RENG 92		
MUS 123	Piano I	2	None		
MUS 194	Ear Training II	1	None		
MUS 140	Applied Music I	2	None		
MUS 102	Theory of Music II	3	MUS 101		
MUS 196	Choir II	1	None		
	Semester Credits	15			
3rd Semester					
BPS-Elective	Physical Sciences with lab	4	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
H 101 or H 151	History of American Civilization I or World History I	3	ENG 82 or RENG 92		
MUS 141	Applied Music II	2	MUS 140 and/or instructor's permission		
MUS 273	Piano II	2	MUS 123 and/or instructor's permission		
MUS 197	Choir III	1	None		
HLF-Elective	Health and Life Fitness	1	None		
	Semester Credits	16			
4th Semester					
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
MUS 292	Applied Music III	2	MUS 141		
ENG 200	Introduction to Literature	3	ENG 101		
CLT 100	Computer Literacy	2	None		
	Semester Credits	13			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Psychology (Area of Concentration) – M507

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	Depends on course chosen		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
BUAD 112	Computers for Business Management	3	None		
	Semester Credits	15			
2nd Semester					
BIO 107	Anatomy and Physiology	4	BIO 101 or BIO 102		
ENG 102	Introduction to the Term Paper and Research Methods	3	ENG 101		
HLF-Elective	Health and Life Fitness	1	None		
PHI 104	Logic and Critical Thinking	3	ENG 82 or RENG 92		
PSY 104	Developmental Psychology	3	PSY 101		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
	Semester Credits	17			
3rd Semester					
H 101 or H 151	History of American Civilization I or World History I	3	ENG 82 or RENG 92		
PSY 206	Social Psychology	3	PSY 101 or instructor's permission		
SOC 150	Cultural Diversity in the Workplace	3	ENG 82 or RENG 92		
ENG 200	Introduction to Literature	3	ENG 101		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
	Semester Credits	15			
4th Semester					
H 102 or H 152	History of American Civilization II or World History II	3	ENG 82 or RENG 92		
PSY 210	Introduction to Methods in Psychological Research	4	ENG 101, MAT 107, PSY 101 and two additional psychology courses		
PSY-Elective	Psychology Elective – Select 1 Course	3	Depends on course chosen		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
	Semester Credits	13			
PROGRAM TOTAL		60			

PSYCHOLOGY ELECTIVES		
PSY 105	Introduction to Behavior Modification	3
PSY 121	Parenting Across the Life Span	3
PSY 201	Educational Psychology	3
PSY 204	Introduction to Abnormal Psychology	3
PSY 205	Psychology of Early Childhood	3
PSY 208	Psychology of Adolescent Development	3

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Science (Area of Concentration) – M504

Associate of Science Degree (AS)

CATALOG DESCRIPTION OF PROGRAM:

The Associate of Science degree with Science Option prepares students to transfer into bachelor degree programs in science in a four-year college or university. This degree is the first step toward readiness to pursue high demand careers in STEM (Science Technology, Engineering, and Mathematics).

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CLT 100	Computer Literacy	2	None		
CHE 101	General Chemistry I	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
MAT 128	Pre-Calculus I	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
BIO 102	Principles of Biology	4	MAT 81 or MAT 92 and ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 129	Pre-Calculus II	4	MAT 128		
CHE 102	General Chemistry II	4	CHE 101		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		15			
3rd Semester					
CHE 213/BIO 202	Organic Chemistry I/A&P II	4	CHE 101/BIO 101 or BIO 102		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
BIO 212*/MAT 140	Microbiology/Calculus I	4	6-8 credits in biology and/or chemistry; MAT 129		
PHY 101*	Physics I	4	MAT 127 or MAT 128; ENG 82 or RENG 92		
Semester Credits		15			
4th Semester					
CHE 214/BIO 203	Organic Chemistry II/A&P II	4	CHE 213/BIO 202		
SOC 101	Sociology	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
SCIENCE-Elective	Any Science Course that wasn't previously taken	4	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ARTS AND SCIENCES TRANSFER DEGREE

Theatre Performance (Area of Concentration) – M606

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

Increasingly, highly motivated students whose sights are set on careers in law, medicine, pharmacy, business, education, government service, journalism, the visual arts, music, the social sciences, languages, and other fields are finding that the most strongly recommended path to a bachelor's degree and professional school training is a liberal arts education. BCCC's Arts and Sciences Transfer Program is an excellent means to begin this path.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ART 106	Art in the Culture	3	ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
THEA 101	Introduction to the Theatre	3	ENG 82 or RENG 92		
Semester Credits		16			
2nd Semester					
BIO 102	Principles of Biology	4	MAT 81 or MAT 91; ENG 82 or RENG 92		
H 101	History of American Civilization	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
THEA 107	Script Analysis	3	THEA 101 and ENG 101		
THEA 111	Acting I	3	THEA 101		
Semester Credits		14			
3rd Semester					
ENG 200	Introduction to Literature	3	ENG101		
BPS-Elective	Physical Sciences (without lab) ES 110; SCI 100; or SCI 106	3	Depends on course chosen		
THEA 112	Movement for the Stage Actor	3	THEA 111		
THEA 113	Vocal Training for the Actor	3	THEA 111		
THEA 200	History of Theatre I	3	THEA 107		
Semester Credits		15			
4th Semester					
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
HLF-Elective	Health and Life Fitness	1	Depends on course chosen		
THEA 201	History of the Theatre II	3	THEA 107		
THEA 210	Acting II	3	THEA 111; ENG 101; SP 101		
THEA 250	Theatre Production	3	Instructor's permission via audition and/or interview		
CLT 100	Computer Literacy	2	None		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

BIOTECHNOLOGY DEGREE – M145

Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Students develop science laboratory technical skills in preparation for employment under the supervision of professional scientists in a variety of laboratory settings. The program can also serve as the first two years of preparation for a four-year school with a major in physical or biological sciences. The second year prepares students for employment in research, chemical, medical, or scientific labs and/or aquariums and zoos. On-the-job experiences are often available. The Biotechnology Program includes a state-of-the-art technical research experience provided by local biotechnology institutes and research facilities such as the University of Maryland, Johns Hopkins University, UMB BioPark researchers and local biotechnology companies.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
	Computer Literacy Exam	0			
BTC 103	Special Topics in Biotechnology I	3	None		
CHE 101	General Chemistry I	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and ENG 82 or RENG 92		
MAT 128	Pre-Calculus I	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
Semester Credits		16			
2nd Semester					
BTC 104	Special Topics in Biotechnology II	3	None		
BTC 105	Techniques and Instrumentation for Biotech.	4	ENG 101, MAT 91 or MAT 87M or LSS 101, LSS 102		
CHE 102	General Chemistry II	4	CHE 101		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		15			
3rd Semester					
BIO 212	Microbiology	4	6-8 credits in biology and/or chemistry		
BTC-Elective	Biotechnology Elective	4	Depends on course chosen		
ENG 102	Intro. To Term Paper & Research Methods	3	ENG 101		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
Semester Credits		14			
4th Semester					
BIO 207	Genetics	4	CHE 101		
BIO 199	Individual Study in Biology	4	None		
HLF-Elective	Health and Life Fitness	1	None		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

BUSINESS ADMINISTRATION TRANSFER – M004

Associate of Science Degree (AS)

CATALOG DESCRIPTION OF PROGRAM:

BCCC's program is designed for students who plan to transfer to an upper-level institution to obtain a Bachelor's degree in Business Administration;. Students are urged to communicate with both their BCCC advisers and the upper-level schools of their choice to determine early and accurately the transfer school's expectations and requirements. The BCCC Business Administration graduate will be fully prepared to pursue such four-year programs as accounting advertising, banking and finance, economics, human resources management, marketing, management, and real estate.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
BUAD 112	Computers for Business Management	3	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 128	Pre-Calculus I: College Algebra	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		17			
2nd Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
BPS-Elective	Biological and Physical Sciences with lab	4	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		14			
3rd Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
ECO 202	The American Economy II: Microeconomic Theory	3	ENG 82 or RENG 92		
MGMT 222	Principles of Management	3	BUAD 100		
MKTG 223	Marketing	3	BUAD 100		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
BUAD 207	Business Law	3	ENG 101 and sophomore standing		
HLF-Elective	Health and Life Fitness	1	None		
Business Elective	Business Elective: Any ACCT, BUAD, MGMT or MKTG 3 credit course	3	Depends on course chosen		
Phy Sci-Elective	Gen. Ed. Req.: Physical Sciences	4	Depends on course chosen		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

BUSINESS DEGREE
Business Management (AOC) – M013
Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Business Management is structured as a career program. It assists BCCC students in developing the knowledge, skills, and attitudes necessary for entry-level management trainee positions in business, industry, government, and service fields. Entrepreneurship is also a career option for graduates of this discipline. Team development and performance, worker empowerment, and customer satisfaction through continuous improvement are topics covered in all management courses.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
BUAD 112	Computers for Business Management	3	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
MGMT 102	Principles of Supervision	3	None		
MGMT 170	Small Business Management	3	None		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
Semester Credits		15			
3rd Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
BUAD 207	Business Law	3	ENG 101 and sophomore standing		
MGMT 222	Principles of Management	3	BUAD 100		
MKTG 223	Marketing	3	BUAD 100		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
MGMT 180	Personal Financial Management	3	MAT 82		
MGMT 219	Human Resource Management	3	MGMT 222		
MGMT 229	Principles of Leadership	3	MGMT 222		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

BUSINESS DEGREE

Business Marketing (AOC) – M055

Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Business Marketing is structured as a career program. It assists BCCC students in developing the knowledge, skills, and attitudes necessary for entry-level marketing trainee positions in business, industry, government, and service fields. Entrepreneurship is also a career option for graduates of this discipline. Team development and performance, worker empowerment, and customer satisfaction through continuous improvement are topics covered in all management/marketing courses.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
BUAD 112	Computers for Business Management	3	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
MGMT 102	Principles of Supervision	3	None		
MGMT 170	Small Business Management	3	None		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
Semester Credits		15			
3rd Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
BUAD 207	Business Law I	3	ENG 101 and sophomore standing		
MGMT 222	Principles of Management	3	BUAD 100		
MKTG 223	Marketing	3	BUAD 100		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
MKTG 210	Retailing	3	MKTG 223		
MKTG 211	Advertising	3	MKTG 223		
MKTG 212	Principles of Selling	3	MKTG 223		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

COMPUTER-AIDED DRAFTING AND DESIGN DEGREE – M180

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Computer-Aided Drafting and Design (CADD) AAS degree program offers a balanced course of study in drafting and design with the aid of state-of-the-art software, computers, and input/output devices. Students are prepared to qualify for jobs where CADD associates work as the important CADD link in the modern design process with engineers and architects on one hand and detail drafters and manufacturers on the other hand. Emphasis is on engineering drawing, architectural drawing, engineering design, and realistic 3D modeling.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CADD 101	Introduction to CADD	3	Permission of CADD Program Coordinator		
CADD 111	CADD Applications	3	Permission of CADD Program Coordinator		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		13			
2nd Semester					
CADD 105	Intermediate CADD	3	CADD 101		
CADD 112	CADD Architectural Applications I	3	CADD 101		
CADD 140	CADD 3D Modeling	3	CADD 101		
ENG 101	English Writing	3	ENG 82 or RENG 92		
BPS-Elective	Biological and Physical Sciences with lab	4	Depends on course chosen		
Semester Credits		16			
3rd Semester					
MAT 128	Pre-Calculus: College Algebra	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
CADD 151	Technical Graphics	3	CADD 101		
CADD 200	Geographic Information Systems Applications	3	CADD 101 or CADD 111		
CADD 205	CADD Engineering Drawing I	3	CADD 101		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		16			
4th Semester					
CADD 206	CADD Engineering Drawing II	3	CADD 101		
CADD 208	CADD Mechanical Applications	3	CADD 105		
CADD 211	CADD Civil Applications	3	CADD 101 or CADD 111		
CADD 222	CADD Architectural Applications II	3	CADD 112		
COP 100	Cooperative Education	1	2.0 GPA; completion of 15 credits		
HLF-Elective	Health and Life Fitness	2	None		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

COMPUTER INFORMATION SYSTEMS DEGREE – M021

Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Computer Information Systems Degree Program at BCCC emphasizes business computer program design and development. Practical experience is gained in networking, databases, and programming applications utilizing various system environments such as UNIX, NOVELL, Microsoft Windows, and other state-of-the-art multi-user/microcomputer-based operating systems. CIS approved electives offer students the flexibility to acquire additional training within an area of personal interest. Many of the program's graduates pursue advanced studies at four-year colleges and universities while others move directly into employment with banks, financial companies, government, and other businesses. The Computer Information Systems Program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BCAP 104	Introduction to Operating Systems: DOS/Windows	3	None		
CISS 105	Introduction to UNIX: The Operating System	3	Completion of all required dev. courses		
CISS 109	Principles of Computer Information Systems	3	Completion of all required dev. courses		
CISS 116	Structured Design	3	Completion of all required dev. courses		
ENG 101	English Writing	3	ENG 82 or RENG 92		
Semester Credits		16			
2nd Semester					
BCAP 136	Database Management Systems	3	None		
CISS 231	JAVA Programming for Business Applications	3	CISS 116		
MAT 125	Finite Mathematics	3	MAT 82 or MAT 92; ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
Semester Credits		14			
3rd Semester					
CISS 201	Systems Analysis and Design	3	CISS 109		
CISS 228	Object Oriented Programming for Business Applications C++	3	CISS 116 and BCAP 104		
BCAP 126	Comprehensive Spreadsheet	3	None		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
CISS	CIS – Approved Elective	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
SBS-Elective	Social and Behavioral Sciences	3	Depends on course chosen		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
CISS	CIS – Approved Elective	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

CIS APPROVED ELECTIVES		
BCAP 270	Introduction to Help Desk	3
CSC 108	Programming in C	3
CISS 118	Programming with Visual Basic	3
CISS 231	Java Programming for Business Applications	3
ITDB 246	Oracle Database Administration	3
ITDB 247	Oracle Database Developer & Programming	3
ITNT 235	Networking with TCP/IP	3
ITSA 125	Security Fundamentals, Principles and Ethics	3
ITSA 233	Ethical Hacking	2
ITSA 242	Computer Forensics and Investigation	3
ITSA 245	Cyber Security Implementation	3

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

CONSTRUCTION SUPERVISION DEGREE – M400

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Construction supervision provides the critical link between project management and skilled workers who perform building tasks. The Construction Supervision program prepares students to step into the position of assistant project manager, supervisor or independent business owner. The program provides experience and instruction in safety (OSHA regulations), blueprint reading, construction methods, estimating, scheduling, operational procedures, effective communication, procurement, and fiscal and business management. Graduates are prepared to work as supervisors on both residential and commercial projects.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CON 101	Introduction to Construction	3	ENG 82 or RENG 92		
CON 104	Construction Methods and Materials	3	ENG 82 or RENG 92		
CON 107	Blueprint Reading	3	ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
Semester Credits		13			
2nd Semester					
CON 111	Occupational Safety and Loss Prevention	3	CON 101; CON 104; CON 107		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
ENG 102	Introduction to Term Paper and Research Methods	3	ENG 101		
MAT 128	Pre-Calculus I: College Algebra	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		16			
Summer					
HLF-Elective	Health and Life Fitness Course	2	None		
Semester Credits		2			
3rd Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
CON 210	Construction Estimating	3	CON 101; CON 104; CON 107; ENG 101; MAT 128		
CADD 101	Introduction to CADD	3	Perm. of CADD Program Coordinator		
MGMT 102	Principles of Supervision	3	None		
Semester Credits		12			
4th Semester					
CON 222	Scheduling, Planning and Cost Control	3	CON 210		
CON 224	Construction Contracts and Documents	3	CON 210		
CON 250	Construction Internship	3	Perm. from Con. Sup. Program Coordinator		
CON 215	Computer Applications in Construction	1	CADD 101; CON 210		
BPS-Elective	Biological and Physical Sciences with lab	4	Depends on course chosen		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
Semester Credits		17			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

CYBER SECURITY AND ASSURANCE DEGREE – M714

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The new degree program in Cyber Security and Assurance at BCCC emphasizes on the need to build a wall between our information and those that want to exploit it. The recurring events such as virus and worm attacks and the success of criminal attackers illustrate the weaknesses in current information technologies and the need to heighten security of these systems. Students will gain practical experience in understanding the threats and dangers, security assessments and analysis to a wide range of different businesses, and the steps that need to be taken to mitigate these vulnerabilities by using state-of-the-art technology. The program prepares students for vendor-specific or commercially available security certification.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ITSA 125	Security Fundamentals, Principles and Ethics	3	None		
CISS 109	Principles of Computer Information Systems	3	Completion of all required dev. courses		
BCAP 104	Introduction to Operating Systems	3	None		
CISS 105	Introduction to UNIX Operating System	3	Completion of all required dev. courses		
ENG 101	English Writing	3	ENG 82 or RENG 92		
Semester Credits		16			
2nd Semester					
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
MATH-Elective	Gen. Ed.: Mathematics Elective	3	Depends on course chosen		
ITNT 235	Networking with TCP/IP	3	None		
ITSA 233	Ethical Hacking	3	ITSA 125		
Semester Credits		15			
3rd Semester					
BCAP 270	Introduction to Help Desk Support	3	None		
ITSA 253	Operating Systems and Network Security	3	CISS 105, ITNT 235, ITSA 233		
CISS 201	Systems Analysis and Design	3	CISS 109		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
HLF-Elective	Health and Fitness	2	None		
Semester Credits		14			
4th Semester					
CRJ 101	Introduction to Criminal Justice	3	None		
ITSA 242	Computer Forensic and Investigation	3	ITSA 125, ITNT 235		
ITSA 245	Cyber Security Implementation	3	CISS 109, ITSA 125, ITSA 233		
ITSA 270	Business Continuity and Disaster Recovery	3	CISS 109, ITSA 125		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

CIS APPROVED ELECTIVES		
BCAP 270	Introduction to Help Desk	3
CSC 108	Programming in C	3
CISS 118	Programming with Visual Basic	3
CISS 231	Java Programming for Business Applications	3
ITDB 246	Oracle Database Administration	3
ITDB 247	Oracle Database Developer & Programming	3
ITNT 235	Networking with TCP/IP	3
ITSA 125	Security Fundamentals, Principles and Ethics	3
ITSA 233	Ethical Hacking	2
ITSA 242	Computer Forensics and Investigation	3
ITSA 245	Cyber Security Implementation	3

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Dental Hygiene Associate of Applied Science Degree

Dental Hygiene Selective Admission Criteria and Process

(Effective with the Fall 2017 entering class)

Listed below are the requirements that must be completed by all students seeking admission in the Associate of Applied Science Dental Hygiene Program.

Completed BCCC College Application must be submitted prior to applying to the program.

Prerequisites for admission into the Dental Hygiene Program include:

The following to be completed prior to the Spring Semester for Fall Pre-Clinical admission.

1. All developmental coursework (math, reading and writing sequence) with a grade of "C" or better.
2. Completion of PRE 100, ENG 101, BIO 107, BIO 212, and CHE 105.
3. Overall G.P.A. of 2.5 or greater on a 4.0 scale (Applications will not be ranked if G.P.A is lower than 2.5).
4. A grade of "C" or better must be achieved in all science courses. Science courses must be completed within five (5) years of admission to the Dental Hygiene Program.
5. Mandatory Dental Hygiene Information Session Attendance (must be present for mandatory video).
6. All applicants must take the current Test of Essential Academic Skills (TEAS) (2 attempt limit). Test scores must not be older than one year.
7. All applicants must pass the Biology 101 Placement Exam.
8. All applicants must meet the college's computer literacy requirement.
9. All applicants must sign and date the Dental Hygiene Essential Standards.

Application will be available on the Dental Hygiene webpage no later than last Friday in October.

Ranking System for Admission to Dental Hygiene Program (Based on possible maximum score of 74 points.)

Ranking for entrance into the Fall Dental Hygiene class will be completed following mid semester of the preceding Spring session. Points will be allocated based on the following criteria:

1. Science G.P.A.: (Minimum grade of “C” required in each course)

3.8 – 4.00	37 points	3.0 – 3.19	21 points
3.6 – 3.79	33 points	2.8 – 2.99	17 points
3.4 – 3.59	29 points	2.6 – 2.79	13 points
3.2 – 3.39	25 points	2.5 – 2.59	9 points

2. Cumulative G.P.A.:

3.8 – 4.00	18 points	3.0 – 3.19	10 points
3.6 – 3.79	16 points	2.8 – 2.99	8 points
3.4 – 3.59	14 points	2.6 – 2.79	6 points
3.2 – 3.39	12 points	2.5 – 2.59	4 points

3. Test of Essential Academic Skills (TEAS)

Exemplary	4 points
Advance	3 points
Proficient	2 points
Basic	1 points
Developmental	0 points

4. Completed Courses:

3 points will be deducted for each of the following courses not completed prior to admission.

3 point will be added for each of the following courses completed prior to admission.

DNT 200 Nutrition for Health Sciences
PSY 101 Introduction to Psychology
MAT 107 Modern Elementary Statistics
SOC 101 Introduction to Sociology
SP 101 Fundamentals of Speech Communications

5. Ranked Application from Previous Year: 10 points

Any courses with D or F grades will not be accepted.

NOTE:

BCCC reserves the right to modify the above regulations/requirements and point designations at any time in the student's enrollment. The outlined point system should not be deemed an irrevocable contract between Pre-Dental Hygiene Students and Baltimore City Community College.

BCCC Dental Hygiene Applicants

- Applicants not admitted to the program who wish to be considered the following year must **re-apply**.
- Applications will be ranked according to the procedures above to determine their total points.
- Students with the highest total points will be accepted for the 20 seats in ranked order. In case of applicants with the same number of total points, the applicant who has submitted her/his application first will get the first consideration.
- Applications with requirements completed by the Fall deadline will be ranked first. Other applications may be considered for admissions if requirements will be completed by Spring (based on seat availability).

NOTE: To be considered, application must be received by the deadline date and time.

Notification letters will be mailed in early **May**. Applicants will have **5 days** to formally declare their acceptance to the program, **no exceptions**. If you do not meet the minimum requirements, were not accepted or you declined your admission, **you must submit a new application** if you wish to be considered for the next year. You must also attend another Mandatory Dental Hygiene Program Information Session.

DENTAL HYGIENE DEGREE – M070

Associate of Applied Science (AAS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

BCCC's two-year Associate degree program in Dental Hygiene prepares students to work as dental hygienists in private dental offices, hospital clinics, military installations, public schools, industrial clinics, dental auxiliary schools, and public health facilities. Dental Hygienists educate patients about the importance of proper dental care and the maintenance of good oral health. Working under the general supervision of a licensed dentist, hygienists remove stains and deposits from teeth, take x-rays, apply preventive agents to teeth, provide patient education, and prepare tests for interpretation and evaluation by the dentist.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
	Computer Literacy Exam	0			
BIO 107	Anatomy and Physiology	4	BIO 101 or BIO 102		
BIO 212	Microbiology	4	6-8 credits in biology and/or chemistry		
CHE 105	Introduction to Biochemistry	2	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
	Semester Credits	14			
<i>Complete Application to Dental Hygiene Program – see the “Dental Hygiene Program Selective Admission Criteria and Process” @ http://www.bccc.edu/Page/1853</i>					
1st Semester					
DNT 200	Nutrition for Health Sciences	3	BIO 107		
DH 142	Histology and Embryology	2	Admission into DH Program		
DH 143	Oral Pathology	1	Admission into DH Program		
DH 150	Pre-Clinical Dental Hygiene	4	Admission into DH Program		
DS 100	Oral Anatomy and Physiology	3	Admission into DH Program		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
	Semester Credits	16			
2nd Semester					
DH 136	Periodontics	2	Completion of all 1 st semester courses		
DH 151	Clinical Dental Hygiene I	3	Admission into DH Program		
DS 110	Oral Radiography	3	DS 100		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
	Semester Credits	11			
Summer Session					
DH 220	Concepts of Advanced Dental Hygiene Practice	2	DH 136; DH 151; DS 110		
3rd Semester					
DH 130	Dental Materials	3	Completion of all 1 st year courses		
DH 230	Oral Pathology	3	Completion of all 1 st year courses		
DH 231	Pharmacology	2	Completion of all 1 st year courses		
DH 242	Dental Public Health	3	Completion of all 1 st year courses		
DH 250	Clinical Dental Hygiene II	4	Completion of all 1 st year courses		
	Semester Credits	15			

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
4th Semester					
DH 237	Ethics and Jurisprudence	1	Completion of all 1 st , 2 nd , and 3 rd semester courses		
DH 251	Clinical Dental Hygiene III	5	Completion of all 1 st , 2 nd , and 3 rd semester courses		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
	Semester Credits	12			
PROGRAM TOTAL		70			

All courses in the program sequence must be completed at a grade of C or higher. D and/or F grades are not accepted

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

EARLY CHILDHOOD EDUCATION DEGREE – M051

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

Graduates of BCCC's Early Childhood Education Program are fully qualified for certification as directors, or senior staff members of child-care programs. They may also work as paraprofessionals in public schools, in hospital child-life programs, and as teachers or assistant teachers in several federal programs. Students are able to expand their job opportunities by earning a certificate in Special Education Assistant, in addition to the Associate's degree in Early Childhood Education. The course of study includes: theories of child development and programming for children, theoretical coursework, supervised field placement, and observation. Students are encouraged to develop their skills and techniques, for working with small groups of children in activities such as music, art, storytelling, science and mathematics. Students learn to create and plan instruction based on individual and group needs, and have the opportunity to work with different staff members and groups.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 112	Computers for Business Management	3	ENG 82 or RENG 92		
ECE 111	Principles and Practices in ECE	3	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
ECE 112	Child Growth and Development	3	None		
ECE 113	Programs and Activities	3	None		
MAT 107/MAT 125	Mod. Elem. Stats/Finite Math	3	MAT 82 or MAT 87 or MAT 92; ENG 82 or RENG 92/MAT 82 or MAT 92; RENG 92		
SP 101	Fundamentals of Speech	3	ENG 82 or RENG 92		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
Semester Credits		15			
3rd Semester					
ECE 114	Caring for Infants & Toddlers/School-Age Daycare	3	ECE 112 and ECE 113		
EDU 215	Developmental Processes & the Acquisition of Reading Competency	3	None		
ECE 117	Guiding Behavior of Young Children	3	ECE 113		
ECE 119	School Age Curriculum & Activities	3			
SED 220	Special Education: An Overview	3	ECE 112 and ECE 113; PSY 101		
Semester Credits		15			
4th Semester					
ECE 211	Nutrition, Health and Safety for Young Children	3	ENG 101, ECE 111/112/113, or Coordinator's permission		
PSY 201	Educational Psychology	3	PSY 101		
IEI-Elective	Interdisciplinary and Emerging Issues	3	Depends on course chosen		
ECE 217	Planning & Administering Programs for Children	3	ENG 101, ECE 111/112/113/114/119, and ECE 117 or Coordinator's permission		
ECE 222	ECE Capstone Field Experience	3	Completion of 45 ECE credits		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ELECTRICAL ENGINEERING DEGREE – M271

Associate of Science in Engineering (ASE)

CATALOG DESCRIPTION OF PROGRAM:

The mission of the Electrical Engineering program is to prepare students to pursue a bachelor's degree in electrical engineering at a four-year university in the State of Maryland by providing them with a strong foundation in mathematics, physics, chemistry, and electrical engineering fundamentals.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CHE 101	General Chemistry	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
EGN 101	Engineering Graphics	3	MAT 127 or MAT 128		
ELC 120	DC Circuit Analysis	3	MAT 92		
MAT 140	Calculus I	4	MAT 129		
SP 101	Fundamentals of Speech	3	ENG 82 or RENG 92		
Semester		18			
2nd Semester					
CSC 108	Programming in C	3	ENG 82 or RENG 92; MAT 125 or MAT 128; CISS 116		
ELC 121	AC Circuit Analysis	3	ELC 120		
HLF 210	Health and Life Fitness	2	None		
MAT 141	Calculus II	4	MAT 140		
ENG 101	English Writing	3	ENG 82 or RENG 92		
Semester		15			
3rd Semester					
ELC 256	Digital Fundamentals and Circuits	3	ELC 120		
ENG-Elective	General Ed. Elective- Arts & Humanities	3	Depends on course		
MAT 210	Advanced Calculus	4	MAT 141		
PHY 203	General Physics I	5	MAT 140		
Semester		15			
4th Semester					
ECO 201	The American Economy I:	3	ENG 82 or RENG 92		
EGN 205	Special Topics in Electrical Engineering	1	MAT 141 and CSC 108		
H 101 or H 151	History of American Civilization I or Work History I	3	ENG 82 or RENG 92		
MAT 211	Differential Equations	4	MAT 141		
PHY 204	General Physics II	5	MAT 141; PHY 203		
Semester		16			
PROGRAM TOTAL		64			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ENGINEERING TRANSFER DEGREE – M023

Associate of Science (AS)

CATALOG DESCRIPTION OF PROGRAM:

The Engineering Transfer Program provides a strong general engineering background for students who wish to transfer to the third year of a specialized engineering college. Because it is not possible to satisfy the requirements of all engineering colleges, some students may need additional courses.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CHE 101	General Chemistry	4	MAT 82 or MAT 92 and ENG 82 or RENG 92		
EGN 101	Engineering Graphics	3	MAT 127 or MAT 128		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 140	Calculus I	4	MAT 129		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
Semester Credits		18			
2nd Semester					
CHE 102	General Chemistry II	4	CHE 101		
CSC 108	Programming in C	3	ENG 82 or RENG 92; MAT 125 or MAT 128; CISS 116		
HLF-Elective	Health and Life Fitness	1	None		
MAT 141	Calculus II	4	MAT 140		
ENG 200 or ENG 205	Introduction to Literature or The Woman in Literature	3	ENG 101		
Semester Credits		15			
3rd Semester					
EGN 102	Statics	3	EGN 101; MAT 140		
H 101 or H 151	History of American Civilization I or World History I	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
MAT 210	Advanced Calculus	4	MAT 141		
PHY 203	General Physics I	5	MAT 140		
Semester Credits		16			
4th Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
EGN 201	Dynamics	3	EGN 102; MAT 141; PHY 203		
MAT 211	Differential Equations	4	MAT 141		
PHY 204	General Physics II	5	MAT 141; PHY 203		
Semester Credits		15			
PROGRAM TOTAL		64			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ELEMENTARY EDUCATION/GENERIC SPECIAL EDUCATION PREK-12 DEGREE – M256

Associate of Arts in Teaching (AAT)

CATALOG DESCRIPTION OF PROGRAM:

This degree prepares students to transfer to an elementary education or generic special education program at a four-year college or university in the state of Maryland. The Associate of Arts in Teaching (A.A.T.) degree has been articulated with all of the transfer programs in elementary education and generic special education in the state of Maryland. Upon completion of the A.A.T. degree, students are eligible to be admitted as an elementary education or generic special education major at their Maryland transfer institution.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and ENG 82 or RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
CLT 100	Computer Literacy	2	None		
Semester Credits		16			
2nd Semester					
GEO 102	Elements of Cultural Geography	3	None		
EDU 200	Introduction to Education	3	ENG 101		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
PHSC 110	Physical Science	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
PSY 201	Educational Psychology	3	PSY 101		
Semester Credits		16			
3rd Semester					
SED 220	Special Education: An Overview	3	ENG 101		
ENG-Elective	Choose any 200 Level	3	Depends on course chosen		
MAT 113	Mathematical Concepts I	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
EDU 215	Developmental Process and the Acquisition of Reading Competency	3	None		
HLF 210	Health and Life Fitness	2	None		
Semester Credits		15			
4th Semester					
EDU 291	AAT Fieldwork Training Experience	3	SED 220 and EDU 200 and PSY 201		
ART 106	Art in the Culture	3	ENG 82 or RENG 92		
SCI 100	Elements of Earth Science	3	MAT 81 or MAT 91 and ENG 82 or RENG 92		
MAT 115	Dynamic Geometry	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
Semester Credits		13			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

FASHION DESIGN DEGREE – M185

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Fashion Design Degree is structured for the student who plans to pursue freelance and entrepreneurial careers in the fashion field, or is seeking immediate entry into the fashion industry. Students prepare for careers as designers, assistant designers, computer designers, patternmakers, tailors, fashion stylists, and in the area of specialized design services. Students who choose this degree program will receive a technical background in illustrating original designs, patternmaking, and clothing construction to transform their designs into finished garments.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ART 113 or ART 114	History of Art I or History of Art II	3	ENG 82 or RENG 92; ART 113, ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
FASH 101 or FASH 200	Apparel Technology or Advanced Apparel Technology	3	None		
FASH 103	Fashion Design Concepts	3	None		
FASH 108	Survey of Textiles	3	None		
Semester Credits		16			
2nd Semester					
ART 101	Beginning Drawing	3	None		
FASH 102	Historic Costume & Textile Development	3	FASH 101 or FASH 200		
FASH 104	Flat Pattern Design	3	FASH 101 or FASH 200		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
MATH-Elective	General Education: Mathematics	3	Depends on course chosen		
Semester Credits		15			
3rd Semester					
FASH 201	Technical Fashion Illustration	3	None		
FASH 202	Computer-Aided Pattern Design	3	FASH 104		
FASH 203	Design by Draping I	3	FASH 101 or FASH 200, FASH 104		
HUM 202	Survey of Art, Literature & Music	3	ENG 101		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
FASH 205	Tailoring Techniques	3	FASH 104 or FASH 203		
FASH 206	Fashion Entrepreneurship	3	None		
FASH 207	Fashion Show Production	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	2	None		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

FASHION DESIGN DEGREE

Fashion Retailing (AOC) – M187

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Fashion Retailing option is available to students seeking employment in the retail sector of the industry. Students pursue careers in management, retailing, merchandising, purchasing, selling, fashion coordination, advertising, marketing and related areas.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ART 113 or ART 114	History of Art I or History of Art II	3	ENG 82 or RENG 92; ART 113, ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
FASH 103	Fashion Design Concepts	3	None		
FASH 108	Survey of Textiles	3	None		
Semester Credits		16			
2nd Semester					
MKTG 223	Marketing	3	BUAD 100		
MGMT 102	Principles of Supervision	3	None		
BUAD 112	Computers for Business Management	3	None		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
MAT-Elective	General Education: Mathematics	3	Depends on course chosen		
Semester Credits		15			
3rd Semester					
FASH 106	Apparel Buying and Retailing	3	None		
MGMT 222	Principles of Management	3	BUAD 100		
HLF-Elective	Health and Life Fitness	2	Depends on course chosen		
HUM 202	Survey of Art, Literature, and Music	3	ENG 101		
SBS-Elective	Gen. Ed. Req.: Social & Behavioral Sciences	3	Depends on course chosen		
Semester Credits		14			
4th Semester					
FASH 105	Visual Merchandising	3	None		
FASH 206	Fashion Entrepreneurship	3	None		
FASH 207	Fashion Show Production	3	ENG 82 or RENG 92		
COP 200	Cooperative Education	3	2.0 GPA and 12 credits		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

GENERAL STUDIES TRANSFER – M008

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

The General Studies degree program provides a flexible, yet academically sound framework for the student who is exploring careers and academic opportunities; or for the student whose interests, aptitude and career goals do not conform to other programs offered by the college. In the first year, the student's academic program consists of those courses which meet the College's General Education Requirements and elective courses which maybe for career or academic exploration. This first year affords the student the opportunity to participate in the breadth of the academic offerings of the College.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
H-Elective	Choose one: H 101, H 110, or H 151	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Choose one course in: Arts & Humanities		
MAT-Elective	General Ed. Requirement: Mathematics	3	Depends on course chosen		
Semester Credits		16			
2nd Semester					
ENG 102	Introduction to Term Paper & Research Methods	3	ENG 101		
H-Elective	Choose one: H 102, H 111, or H 152	3	Depends on course chosen		
HLF -Elective	Health and Life Fitness	1	None		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences course with lab	4	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
Semester Credits		14			
3rd Semester					
Open Elective	Choose any course	3	Depends on course chosen		
HLF-Elective	Health and Life Fitness	1	None		
PHI 101	Introduction to Philosophy	3	ENG 82 or ENG 92		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
Open Elective	Choose any course	3	Depends on course chosen		
Semester Credits		16			
4th Semester					
IEI-Elective	Gen. Ed. Req.: Interdisciplinary and Emerging Issues	3	Depends on course chosen		
IEI-Elective	Gen. Ed. Req.: Interdisciplinary and Emerging Issues	3	Depends on course chosen		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Choose one course in: Arts & Humanities		
Gen. Ed.-Elective	Choose any General Education course	3	Depends on course chosen		
CLT 100	Computer Literacy	2	None		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

HEALTH INFORMATION TECHNOLOGY (HIT) PROGRAM

Health Information Technology Selective Admission Criteria

What are the requirements for the Health Information Technology program?

A. Pre-Program Entry Requirements:

PRE 100	Preparation for Academic Achievement
AH 130	Medical Terminology
BIO 202*	Anatomy & Physiology I
ENG 101	English Writing

B. General Education Program Requirements:

BIO 203	Anatomy and Physiology II
AH 230	Study of Disease Process

***Biology placement test is a prerequisite for BIO 202.**

- C. Students must have a GPA of 2.5 or greater to apply to the HIT degree program and maintain a minimum GPA of 2.0 throughout the program.
- D. Must complete prerequisites courses with a grade of C or better and sciences must be completed within 5 years of applying to the program.
- E. Applications are accepted for Fall entry only
- F. Program applications are available online (www.bccc.edu). The deadline for applications submitted via canvas is the last Friday in May (unless otherwise noted).

Selection Process:

The Health Information Technology Program uses a Selective Admission process, based upon the applicant's cumulative college GPA at the time of admission, using a point system to rank and accept students into its Program (4.00 = 4 points, 3.5 to 3.99 = 3points, 3.0 to 3.49 = 2points, 2.5 to 2.99 = 1 point). The applications will be ranked from highest to lowest points. The applicants with the highest score will be offered admission, followed by the next highest score until all seats are filled.

**Please contact Brittany Henderson of the Admissions office at
410-462-8300 or brhenderson@bccc.edu for additional information.**

Effective 02/25/2016 for students applying for entry into the Health Information Technology Program for Fall 2016 and after.

HEALTH INFORMATION TECHNOLOGY DEGREE – M025

Associate of Applied Science (AAS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

BCCC's Health Information Technology (HIT) graduates perform a variety of technical, health information management functions including organizing, analyzing, and technically evaluating health information; compiling administrative and health statistics; and coding diseases, operations, and other procedures. Responsibilities also include maintaining and using a variety of health information indices, special registries, storage and retrieval systems; inputting and retrieving computerized health data, and controlling the release of health information. The majority of health information practitioners work in acute care hospitals, ambulatory, long-term, and mental health facilities, state and federal agencies, and at insurance companies, and colleges. Some are self-employed in businesses such as transcription services and consulting. Graduates are eligible to apply for the certification examination administered by the American Health Information Management Association. Passing the examination entitles a person to use the initials RHIT (Registered Health Information Technician) after his/her name.

PRE 100	Preparation for Academic Achievement	1	None
	Biology Placement Exam (Test out of BIO 101)	0	None
ENG 101	English Writing	3	ENG 82 or RENG 92
AH 130	Medical Terminology	3	ENG 82 or RENG 92
BIO 202	Anatomy and Physiology I	4	BIO 101 or BIO 102
Semester Credits		11	
<i>Complete Application to Health Information Technology Degree Program – See the "Health Information Technology Selective Admission Criteria and Process" @ http://www.bccc.edu/Page/1667</i>			
1st Semester			
AH 230	Study of Disease Process	3	AH 130; BIO 202
HIT 120	Health Information Systems	4	ENG 101, HIT 232
HIT 132	CPT-4 Coding Principles and RVUs/APGs	2	AH 130; BIO 202
AH 110	Medical Jurisprudence and Ethics	2	None
ENG 102/113	Intro. to the Term Paper & Research/Business Writing	3	ENG 101
Semester Credits		14	
2nd Semester			
HIT 130	Health Information Practicum I	2	HIT 120; HIT 232
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92
HIT 251	Healthcare Management Supervision	3	HIT 120
HIT 124	ICD-10-CM Coding Principles and Practice	4	AH 130; BIO 202
HIT 232	Computer Applications in Healthcare	2	HIT 120 and instructor's perm.
Semester Credits		14	
3rd Semester			
AH 135	Allied Health Pharmacology	2	AH 130
HIT 262	Health Information Practicum IV	2	HIT 232; HIT 120
HIT 231	Health Information Practicum II	1	HIT 120
BIO 203	Anatomy and Physiology II	4	BIO 202
HIT 252	Clinical Quality Assurance and CQI	3	HIT 130
Semester Credits		12	
4th Semester			
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92
HLF-Elective	Health and Life Fitness	2	None
HIT 241	Advanced ICD-10-CM Coding/DRGs and DSM V	2	HIT 124; BIO 202
HIT 226- Elective	Coding Practicum II	3	HIT 124
Semester Credits		13	
PROGRAM TOTAL		64	

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

LAW ENFORCEMENT AND CORRECTIONAL ADMINISTRATION DEGREE – M081

Correctional Administration

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

This program focuses on providing continuing education for law enforcement, correctional officers, and other criminal justice professionals already employed in the field, and preparing new students for entry into the field. The program enhance professional skills and prepares graduates for promotion or entry into many professional and administrative positions within law enforcement, corrections, parole and probation, intake, counseling, youth services, pre-law, and others. The option in Correctional Administration combines professional development with an academic degree.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CRJ 101	Introduction to Criminal Justice	3	None		
CRJ-Elective	Program Elective: Choose any CRJ course	3	Depends on course chosen		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
Semester Credits		17			
2nd Semester					
CRJ 102	Report Writing for Criminal Justice Personnel	3	None		
CRJ 106	Fundamentals of Corrections	3	None		
HLF-Elective	Health and Life Fitness	1	None		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
CLT-Elective	Computer Elective: BCAP 104, BUAD 112, CISS 109	3	Depends on course chosen		
Semester Credits		16			
3rd Semester					
CRJ 107	Institutional Treatment of Offenders	3	None		
CRJ 201	Management Concepts	3	None		
CRJ 210	Investigative Principles and Concepts	3	None		
CRJ 214	Practical Law for Correctional Personnel	3	CRJ 106		
MAT-Elective	General Education: Mathematics	3	Depends on course chosen		
Semester Credits		15			
4th Semester					
CRJ 209	Probation and Parole	3	None		
CRJ 292	Fieldwork in Administration of Justice and Public Safety	3	None		
CRJ-Elective	Program Elective: Choose one CRJ course	3	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
Semester Credits		12			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

LAW ENFORCEMENT AND CORRECTIONAL ADMINISTRATION DEGREE – M022

Law Enforcement

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

This program focuses on providing continuing education for law enforcement, correctional officers, and other criminal justice professionals already employed in the field, and preparing new students for entry into the field. The program enhance professional skills and prepares graduates for promotion or entry into many professional and administrative positions within law enforcement, corrections, parole and probation, intake, counseling, youth services, pre-law, and others. The option in Correctional Administration combines professional development with an academic degree.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
CRJ 101	Introduction to Criminal Justice	3	None		
CRJ-Elective	Program Elective: Choose any CRJ course	3	Depends on course chosen		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
Semester Credits		14			
2nd Semester					
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
CRJ 102	Report Writing for Criminal Justice Personnel	3	None		
CRJ 104	Fundamentals of Law Enforcement	3	None		
HLF-Elective	Health and Life Fitness	1	None		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences	3	Depends on course chosen		
Semester Credits		16			
3rd Semester					
CLT-Elective	Computer Elective: BCAP 104, BUAD 112, CISS 109	3	Depends on course chosen		
CRJ 201	Management Concepts	3	None		
CRJ 210	Investigative Principles and Concepts	3	None		
CRJ 211	Criminal Procedural Law	3	CRJ 101		
CRJ 213	Criminal Substantive Law	3	CRJ 101		
Semester Credits		15			
4th Semester					
MAT-Elective	General Education: Mathematics	3	Depends on course chosen		
CRJ 202	Organizational Dynamics	3	None		
CRJ 220	Criminalistics	3	CRJ 210		
CRJ 292	Fieldwork in Administration of Justice and Public Safety	3	None		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

LEGAL ASSISTANT DEGREE – M067

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Legal Assistant, sometimes called a “paralegal,” provides a variety of invaluable services in private law firms, banks, insurance companies, corporations, governmental agencies, and offices. Job duties often include conducting legal research, writing correspondence, drafting legal documents, and managing a law office. Legal assistants may also investigate cases, interview clients and witnesses, and generally aid attorneys in preparing for trials and hearings.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
PLA 101	General Law I	3	ENG 101- Corequisite		
ENG 101	English Writing	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
AH-Elective	Gen. Ed. Requirement: Arts & Humanities	3	Depends on course chosen		
MAT-Elective	General Education: Mathematics	3	Depends on course chosen		
Semester Credits		14			
2nd Semester					
BUAD 112/BCAP 155/CISS 109	Computers for Bus. Mngt./Word Processing for Bus. Applications/Principles of Computer Information Systems	3	Depends on course chosen		
HLF-Elective	Health and Life Fitness	1	None		
PLA 106	Legal Writing	3	PLA 101 and ENG 101		
PLA 107	Office Practice & Ethics	3	PLA 101		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
PLA 268	Legal Research	3	PLA 101 and PLA 106		
Semester Credits		16			
3rd Semester					
PLA-Electives	Choose two courses from selected track	6	Depends on course chosen		
PLA: Special Topics	Choose one course from the 190 series	2	Depends on course chosen		
H-Elective	Gen. Ed. Req.: History Course	3	Depends on course chosen		
BPS-Elective	Gen. Ed. Req.: Biological & Physical Sciences with lab	4	Depends on course chosen		
Semester Credits		15			
4th Semester					
PLA 203	Practicum	3	PLA 101 and PLA 107		
PLA 204	General Law II	3	PLA 101		
PLA-Electives	Choose two courses from selected track	6	Depends on course chosen		
SBS-Elective	Gen. Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
Semester Credits		15			
PROGRAM TOTAL		60			

PLA 190 Series: Special Topics in Legal Administration		
PLA 193	Environmental Law	2
PLA 194	Constitutional Law	2
PLA 196	Employment Law	2
PLA 197	Communications Law	2

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Nursing Program Selective Admission Criteria and Process

(Effective starting with the Spring 2016 entering class)

Listed below are the requirements that must be completed by all students seeking admission into the Associate Degree Nursing and Practical Nursing Certificate Programs.

Prerequisites for admission into the nursing program include:

1. All required developmental coursework (math, reading and writing sequence).
2. Pre 100: Preparation for Academic Achievement.
3. Completion of BIO 202, BIO 203 and BIO 212.
4. A grade of "C" or better must be achieved in all science courses. Science courses must be completed within five (5) years of starting the nursing program. A science course can only be repeated once within 5 years.
5. Minimum G.P.A. of 2.5 or greater.
6. All students must have resident BCCC courses (minimum 6 credits).
7. All students must take the current Test of Essential Academic Skills (TEAS). The TEAS must be completed within one (1) year of starting the nursing program.
8. All students must pass the Biology 101 Placement Exam.
9. All students must meet the college's computer literacy requirement.

Application Availability

1. The application for the spring semester (Associate Degree Nursing Program) will be placed on the nursing web site the second Friday in September.
2. The application for the fall semester (Associate Degree Nursing Program) will be placed on the nursing web site the first Monday in February.
3. The application for the fall semester (Practical Nursing Certificate Program) will be placed on the nursing web site the first Monday in March.
4. The application for the summer semester (LPN Advanced Placement) will be placed on the nursing web site the first Monday in April.

Application Deadlines

1. The Associate Degree Nursing Program application deadline for the spring semester will be the last Friday in October.
2. The Associate Degree Nursing Program application deadline for the fall semester will be the last Friday in March.
3. The Practical Nursing Certificate Program application deadline for the fall semester is the last Friday in May.
4. The License Practical Nurse Advanced Placement application deadline for the summer semester is the last Friday in May.

Selection Process

The application for those students who meet the prerequisites for eligibility for admission is ranked by the number of selection points he/she receives in descending order until all the seats are filled. If there is a tie in selection points, students who have been previously qualified and not accepted will receive priority if the student reapplies.

Point System

TEAS Placement

Exemplary	= 4 points
Advance	= 3 points
Proficient	= 2 points
Basic	= 1 points
Developmental	= 0 points

Overall GPA at time of admission

4.00	= 4 points
3.5 to 3.99	= 3 points
3.0 to 3.49	= 2 points
2.5 to 2.99	= 1 points
Below 2.5	= 0 points

GPA in Science Courses (BIO 202; BIO 203; BIO 212)

4.00	= 4 points
3.5 to 3.99	= 3 points
3.0 to 3.49	= 2 points
2.5 to 2.99	= 1 point
Below 2.5	= 0 points

The applications will be ranked from highest to lowest points. The applicant(s) with the highest score will be offered admission, followed by the next highest score until all seats are filled.

Applicants are notified of the admission decision. Notification letters include:

- Qualified, accepted
- Qualified, not accepted (no seats available)
- Not qualified, not accepted

Students who were qualified, but not accepted will be notified should a seat become available before the start of the semester.

Students who were qualified, but not accepted before the start of the semester and students who deferred their seat must re-apply and are re-ranked.

BCCC reserves the right to modify the above process and point designations at any time in the student's enrollment. The outlined point system should not be deemed an irrevocable contract between Nursing students and Baltimore City Community College.

YOUR APPLICATION WILL NOT BE PROCESSED IF YOU APPLY TO BOTH PROGRAMS.

Nursprogradmissionselectionsp.2010.bo/10-03-10.revised.01.2013/11.2014/07.2015/09.2015

NURSING DEGREE – M016

Associate of Science (AS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

The Associate of Science Degree in Nursing is a two-year program that prepares graduates to take the licensing examination, (NCLEX-RN) to become Registered Nurses (RN). The RN works in a team relationship with other healthcare professional to provide care for clients in a variety of healthcare settings. The program is accredited by the Accreditation Commission for Education in Nursing (ACEN).

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Pre-Program Entry					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
	Computer Literacy Exam	0			
BIO 202	Anatomy and Physiology I	4	BIO 101 or BIO 102		
BIO 203	Anatomy and Physiology II	4	BIO 202		
BIO 212	Microbiology	4	6-8 credits in biology and/or chemistry		
Semester Credits		13			
<i>Complete Application to Nursing Program – see the “Nursing Program Selective Admission Criteria and Process” @ http://www.bccc.edu/Page/1612</i>					
1st Semester					
ENG 101	English Writing	3	ENG 82 or RENG 92		
NUR 111	Calculation of Medications in Nursing	1	PRE 100; Min. of grade “C” in BIO 202, BIO 203, BIO 212		
NUR 120	Introduction to Nursing Practice	8	PRE 100; Min. of grade “C” in BIO 202, BIO 203, BIO 212		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
NUR 122	Medical-Surgical Nursing of Adults 1	8	PRE 100; Min. of grade “C” in BIO 202, BIO 203, BIO 212; NUR 111; NUR 120		
PSY 104	Developmental Psychology	3	PSY 101		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
Semester Credits		14			
3rd Semester					
NUR 218	Maternal and Child Health Nursing	6	PRE 100, ENG 101, PSY 101, SOC 101, PSY 104; Min. of grade “C” in BIO 202, BIO 203, BIO 212; NUR 111; NUR 120, or NUR 122		
NUR 222	Care of the Client with Mental Health Problems	4	PRE 100, ENG 101, PSY 101, SOC 101, CHE 103; Min. of grade “C” in BIO 202, BIO 203, BIO 212; NUR 111; NUR 120, or NUR 122		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
Semester Credits		13			

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
4th Semester					
NUR 220	Medical-Surgical Nursing of Adults II	8	PRE 100, ENG 101, PSY 101, SOC 101, PSY 104; Min. of grade "C" in BIO 202, BIO 203, BIO 212; NUR 111; NUR 120, or NUR 122, NUR 218, NUR 222		
NUR 216	Perspectives and Issues in Nursing	1	PRE 100, ENG 101, PSY 101, SOC 101, PSY 104; Min. of grade "C" in BIO 202, BIO 203, BIO 212; NUR 111; NUR 120, or NUR 122, NUR 218, NUR 222		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
ENG-Elective	General Education: Literature Elective	3	Depends on course chosen		
	Semester Credits	15			
PROGRAM TOTAL		70			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

OFFICE ADMINISTRATION DEGREE – M259

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Administrative Assistant Degree Program is designed to provide graduates with the expertise necessary to function as top-notch administrative support personnel. Students pursuing this major may sit for the nationally recognized Certified Professional Secretary's (CPS) examination, after accumulating at least three years' work experience in the field. The Administrative Assistant Program offers courses in six disciplines covered on the CPS examination. Students interested in pursuing certification, are advised about the specific general education courses necessary to prepare for the examination. The Administrative Assistant Program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
OFAD 100	Office Procedures	3	None		
OFAD 123	Document Formatting	3	None		
HLF-Elective	Health and Life Fitness	2	None		
BUAD 112	Computers for Business Management	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
MAT 107 or MAT 125	Modern Elementary Statistics or Finite Mathematics	3	MAT 82 or MAT 87 or MAT 92; ENG 82 or RENG 92 / MAT 82 or MAT 92; RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
BPS-Elective	Biological and Physical Sciences	3	Depends on course chosen		
MGMT 127	Customer Relationship Management	3	None		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
Semester Credits		15			
3rd Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
SBS-Elective	Gen., Ed. Req.: Social and Behavioral Sciences	3	Depends on course chosen		
OFAD 117	Records Management	3	None		
OFAD 215	Office Management	3	ENG 113, OFAD 119, OFAD 125		
MGMT 222	Principles of Management	3	BUAD 100 or permission of Coordinator		
Semester Credits		15			
4th Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
COP 200 or OFAD 250	Cooperative Education or Office Administration/Technology Internship	3	Depends on course chosen		
Gen. Ed.- Elective	Choose any General Education course	3	Depends on course chosen		
MGMT/ACCT Course	Any MGMT/ACCT Course	3	MGMT 222, ACCT 221		
BUAD 207	Business Law	3	ENG 101		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Paramedicine Degree

Selective Admissions Criteria

Applicants to the Paramedic Certificate Program must have current Emergency Medical Technician certification. Applicants to the Paramedic Bridge Certificate Program must have current Maryland CRT-99 certification. All applicants will need to first apply to Baltimore City Community College (if not already enrolled) and have their official transcripts sent to the Admissions Office for evaluation of possible transference of appropriate and acceptable pre-requisite and general education courses required for admission to the Paramedic Certificate Programs. All applicants must meet the minimum entry requirements.

What are the requirements for the Paramedicine Degree?

A. Pre-Program Entry Requirements:

Accuplacer Entrance Exams

Current AHA CPR Provider (BLS)

Completion of Paramedic Certificate or Paramedic Bridge Certificate

Currently licensed Maryland Paramedics may substitute their Paramedic License for the EMS Course components of the Paramedic Certificate (EMSP115, 116, 123, 124, and 206)

18 years or older

GPA or 2.5 of higher

B. General Education Program Requirements

BIO 107 Anatomy and Physiology OR

BIO 203 Anatomy and Physiology II

ENG 101 Math – Elective

SP 101 Gen. Ed. – Elective

PSY 101 Gen. Ed. – Elective

Computer Literacy or equivalent

***Biology 101 placement test is a prerequisite for BIO 107**

- C.** Students must have a GPA of 2.5 or greater to apply to the Paramedicine program and must maintain a GPA of 2.0 throughout the program.
- D.** Must complete prerequisite courses with a grade of C or better and sciences must be completed within 5 years of applying to the program.
- E.** Applicants are accepted for Fall entry only.
- F.** Applications are available online www.bccc.edu/Page/1812 . The deadline for applications submitted via Canvas is the last Friday in May (unless otherwise noted).

Selection Process: The Paramedicine Degree program uses selective admissions process, based upon the applicant's cumulative college GPA at the time of admission, using a point system to rank and accept students into the program as follows:

GPA 4.00 = 4 points, 3.5 to 3.99 = 3 points, 3.0 to 3.49 = 2 points, 2.5 to 2.99 = 1 point

The applications will be ranked from highest to lowest points. The applicants with the highest score will be offered admission, followed by the next highest score until all seats are filled.

Effective 01/13/2017 for students applying for entry into the Paramedicine program for Fall 2017 and after.

PARAMEDICINE DEGREE – M712

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Associate of Applied Science Degree allows students who have completed one of the Paramedic certificates or EMS providers who are currently licensed as Maryland paramedics to achieve an Associate of Applied Science in Paramedicine.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Pre-Requisites	Paramedic Bridge Certificate				
PRE 100	Preparation for Academic Achievement	1	None		
	Computer Literacy Exam	0			
BIO 107	Anatomy and Physiology	4	Biology Placement Exam		
EMSP 115	Paramedic I	10	(Applicants with a current Maryland CRT-99 license will receive credit for these two courses)		
EMSP 116	Paramedic Clinical I	2			
EMSP 203	Paramedic Bridge I	12	None		
EMSP 124	Paramedic Bridge Clinical I	2	None		
EMSP 212	Paramedic Bridge II	12	None		
Pre-requisite Total		43	OR		
Pre-Requisites	Paramedic Certificate				
PRE 100	Preparation for Academic Achievement	1	None		
	Computer Literacy Exam	0			
BIO 107	Anatomy and Physiology	4	Biology Placement Exam		
EMSP 115	Paramedic I	10			
EMSP 116	Paramedic Clinical I	2			
EMSP 123	Paramedic II	12	None		
EMSP 124	Paramedic Clinical II	2	None		
EMSP 206	Paramedic III	12	None		
Pre-requisite Total		43			
ENG 101	English Writing	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech	3	ENG 82 or RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
MATH-Elective	Mathematics	3	Depends on		
Gen. Ed.-Elective	Choose any 2 General Education courses	6	Depends on course chosen		
General Education Credits		18			
PROGRAM TOTAL		61			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Physical Therapist Assistant Program Overview:

Students seeking admission to the Physical Therapist Assistant Program will first need to apply to BCCC (if not already enrolled) and have their official transcripts sent to the Admissions Office. Transcripts sent to the Admissions Office will be evaluated for the possible transference of appropriate and acceptable pre-requisite and General Education courses required for admission to the PTA Program. A special application to the PTA Program is also required and is available online, as per noted in section “F” of this Educational Plan. An appointment with the Health Professions Special Admissions Counselor (SAC) is advised (see information below) to establish eligibility.

****The Biology Placement Test is prerequisite for BIO 107; BIO 202 and BIO 203 may be substituted for BIO 107 with Science contingent upon department approval.***

*****Transfer course substitutions will be considered contingent upon department approval.***

- A. Must have an overall GPA of 2.5 or higher for program entry.
- B. Must complete prerequisite courses with a grade of 2.75 or better.
- C. Sciences must be completed within 5 years of acceptance into the PTA program.
- D. A video and quiz must be completed.
- E. A Purpose Statement (350 words minimum) should be submitted with the program application: 1) Please describe your academic experiences and either your work experience, volunteer experience, or observational experience; 2) Please explain why you wish to gain entry into the PTA program; and 3) How will this program help you contribute to the broader community?
- F. Program applications are accepted for Fall entry only. Program applications will be available online at www.bccc.edu by the end of October. The deadline for applications to be submitted via Canvas is March 31st.

Special Note: A student must successfully complete the Selective Admission Process to enroll into the PTA program; however, the completion of PTA Program Requirements, DO NOT guarantee entry into the PTA Program.

Selection Process:

All applications are received by the Special Admissions Counselor in the Admissions Office and are reviewed by the PTA Admissions Committee (SAC and PTA Faculty) shortly after the deadline. Applicants who meet all criteria are assigned points according to the following conditions (**11 points maximum**):

- | | |
|--|------------------|
| • All pre-requisites completed satisfactorily | • +1 |
| • B in BIO 107 Anatomy and Physiology or | • +2 |
| • B in BIO 202 & 203 Anatomy and Physiology I & II | • +1 for each |
| • GPA in pre-requisites 2.75 or 3.0 or 3.5 and more | • +1 or +2 or +3 |
| • GPA overall 2.5-2.99 or 3.0-3.49 or 3.5 and more | • +1 or +2 or +3 |
| • All additional Gen Ed completed | • +1 |
| • Mandatory completion of the program's online quiz | • +1 |
| • Multiple consecutive D's or F's before a C | • -1 |
| • 2 or more Gen Ed courses still not completed (excluding HLF) | • -2 (-3, etc.) |
| • 1 Gen. Ed not completed | • -1 |

BCCC reserves the right to modify the above process and point designations at any time in the student's enrollment. The outlined point system should not be deemed an irrevocable contract between PTA applicants and Baltimore City Community College.

Course substitutions or CLEP exams, (other than Computer Literacy and Science courses) may not be considered or accepted.

Acceptance:

All applicants will receive an e-mail or letter indicating their qualification status (not qualified, qualified-accepted, qualified-on Waiting List). Up to **24** candidates will be invited to an Orientation and Registration session in late May, early June or July. If all seats are not filled, an additional Orientation and Registration will be scheduled for additional qualified applicants (from the Waiting List). **Priority is given to qualified students who have the highest GPA, and who have completed all other General Education courses (HLF, SOC 101, SP 101, PSY 104).**

Note: Under Maryland law, the Maryland Board of Physical Therapy Examiners may deny issuing a PTA license to any candidate who has been convicted of a felony or a crime of moral turpitude. Therefore, it is strongly advised that such an applicant consider the possibility of being denied licensure if efforts to expunge a prior conviction are unsuccessful. The PTA Program faculty has no authority regarding licensure.

**For more information, contact Brittany Henderson of the Admissions Office (Rm 7) at 410-462-8411. To have your transcript evaluated, email: transcripteval@bccc.edu
General inquiries about the PTA program should email: preadmitalliedhealth@bccc.edu**

Effective 11/28/2016 for students applying for entry into the Physical Therapist Assistant Program for Fall 2017 and after
11/28/16 JMD, DCP

PHYSICAL THERAPIST ASSISTANT DEGREE – M039

Associate of Applied Science (AAS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

The Physical Therapist Assistant (PTA) Program is a 2-year course of study leading to an Associate of Applied Sciences (AAS) degree. Students combine academic study in physical therapist assisting procedures, anatomy, kinesiology, medical conditions, and professionalism with clinical education and practice. Graduates work under the supervision of professional physical therapists and are successfully employed in hospitals, rehabilitation centers, extended care and sub-acute facilities, schools and pediatric centers, private PT practices, and out-patient clinics. They are trained to treat patients suffering from physical disabilities related to disease or injury or needing post-surgical rehabilitation using various procedures and modalities, therapeutic exercises, mobility training, cardiopulmonary rehabilitation general conditioning, posture and body mechanics instruction, and other patient education.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
	Computer Literacy Exam	0			
BIO 107	Anatomy and Physiology	4	BIO 101 or BIO 102		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 107/ MAT 128	Modern Elementary Statistics/ Pre-Calculus: College Algebra	3-4	MAT 86 or MAT 91 and RENG 92 /MAT 92 and RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
Semester Credits		14-15			
<i>Complete Application to Physical Therapist Assistant Program – see the “Physical Therapist Assistant Program Selective Admission Criteria and Process” @ http://www.bccc.edu/Page/1606</i>					
1st Semester					
PTT 112	Introduction to Physical Therapist Assisting	2	Admission into the PT program; ENG 101; PSY 101; BIO 202; BIO 203 and MAT 107 or MAT 128		
PTT 120	Physical Therapist Assisting Procedures I	5	PTT 112		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		14			
2nd Semester					
PTT 140	Medical Lectures	4	PTT 150		
PTT 150	Physical Therapist Assisting Procedures II	5	PTT 112, PTT 120, and continued enrollment in PT program		
PSY 104	Developmental Psychology	3	PSY 101		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		13			
Summer Session					
PTT 215	Pediatric/Adult Rehabilitation Procedures	2	PTT 112, PTT 120, PTT 140, PTT 150		
Semester Credits		2			

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
3rd Semester					
PTT 240	Physical Therapist Assisting Procedures III	5	Completion of all 1 st year PT program courses, PTT 215, and passing written and practical comprehensive exams administered in late August		
PHTT 260	Clinical Education I	4	PTT 112, PTT 120, PTT 140, PTT 150 and PTT 215, and passing written and practical comprehensive exams administered in late August		
	Semester Credits	9			
4th Semester					
PTT 210	Physical Therapist Assisting Seminar	2	PTT 250		
PTT 250	Physical Therapist Assisting Procedures IV	4	PTT 240 and PHTT 260		
PTT 213	Clinical Education II (5 Weeks: Full Time)	4	PTT 210; PTT 250		
PHTT 214	Clinical Education II (6 Weeks: Full Time)	4	PTT 210; PTT 250		
	Semester Credits	14			
PROGRAM TOTAL		66-67			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

RESPIRATORY CARE PROGRAM

Selective Admission

Admission Selection Matrix

The Respiratory Care Program does not accept applicants into its Program who do not meet the Minimum Entry Requirements. If the number of applicants exceeds the Program's available/open seats for any given Academic Year, the Program utilizes a Selective Admission/Ranking Matrix to identify the candidates it will accept that year. The Program applies this Matrix in descending order until it fills all available opening for the upcoming Academic Year. That is, if the number of applicants exceeds the Program's available/open seats for any given Academic Year, the Program will first accept all students who satisfy the first criteria (Criteria # 1). If the number of applicants who meet the Criteria # 1 allows the Program to fill all available/open seats, the Program will accept no other applicants. If the number of applicants who meet Criteria # 1 does not allow the Program to fill all available/open seats, the Program will accept applicants who meet Criteria # 2. Again, if the number of applicants who meet the Criteria # 1 or Criteria # 2 allows the Program to fill all available/open seats, the Program will accept no other applicants. If the number of applicants who meet Criteria # 1 or Criteria # 2 does not allow the Program to fill all available/open seats, the Program will accept applicants who meet Criteria # 3, and so forth.

Selection Matrix Criteria

1. **Total GPA** - $\text{GPA} \geq 3.0$
2. **GPA: Math and Science Prerequisites** – $\text{GPA} \geq 3.0$ in Math and Science Prerequisites
3. **GPA: Math and Other Sciences. Non-Prerequisites** – $\text{GPA} \geq 3.0$ Math and Other Sciences that are not Prerequisites
4. **GPA: Math and Science Prerequisites** – $\text{GPA} = 2.75 - 2.99$ in Math and Science Prerequisites
5. **GPA: Math and Science Prerequisites** – $\text{GPA} = 2.50 - 2.74$ in Math and Science Prerequisites
6. **Meets Minimum Entry Requirements**

RESPIRATORY CARE DEGREE – M220

Associate of Applied Science (AAS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

A Respiratory Care Practitioner provides quality healthcare by delivering medical gases, aerosol and humidity therapies, pulmonary hyperinflation care, patient education, health promotion, mechanical ventilation, and care for artificial airways. In addition, the respiratory care practitioner provides diagnostic and rehabilitation service to the cardiopulmonary patient. Graduates of the respiratory care program are academically qualified to provide respiratory care under the direction of a licensed physician, to patients in acute care hospitals, skilled nursing facilities, long-term care centers, physicians' offices, and homecare agencies. Program graduates are eligible to take the NBRC Entry-Level Examination, and earn the credential of Certified Respiratory Therapist (CRT), a requirement for State licensure and the practice of respiratory care in the State of Maryland. Those who are successful on the Entry-Level exam are eligible to take the Advanced Respiratory Care Practitioner Examination sequence to earn the credential of Registered Respiratory Therapist (RRT) as awarded by the National Board for Respiratory Care (NBRC).

COURSE	CURRENT SEQUENCE	CREDITS	SEMESTER	GRADE
Prerequisites				
PRE 100	Preparation for Academic Achievement	1	None	
	Computer Literacy Exam	0		
BIO 101	General Biology	3	MAT 80 and ENG 82 or RENG 92	
BIO 107	Anatomy and Physiology	4	BIO 101 or BIO 102	
CHE 101	General Chemistry	4	ENG 82 or RENG 92	
ENG 101	English Writing	3	Depends on course chosen	
MAT-Elective	General Education: Mathematics	3		
	Semester Credits	18		
Program entry: The following courses are the sequence for students selected into the RC program- see the RC program selective admission process @ http://www.bccc.edu/Page/1799				
1st Semester				
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92	
RC 111	Cardiorespiratory Science I	2	Admission into the RC program	
RC 112	Cardiorespiratory Equipment I	1	Admission into the RC program	
RESP 113	Cardiorespiratory Anatomy and Physiology	3	Admission into the RC program	
RESP 115	Clinical Practicum I	2	Admission into the RC program	
	Semester Credits	11		
2nd Semester				
RC 121	Cardiorespiratory Science II	3	RC 111, RC 112, RESP 113, RESP 115	
RC 122	Cardiorespiratory Equipment II	1	RC 111, RC 112, RESP 113, RESP 115	
RC 123	Manifestations of Cardiorespiratory Diseases	3	RC 111, RC 112, RESP 113, RESP 115	
RC 125	Clinical Practicum II	4	RC 111, RC 112, RESP 113, RESP 115	
RC 127	Cardiorespiratory Pharmacology	3	RC 111, RC 112, RESP 113, RESP 115	
	Semester Credits	14		
Summer				
RC 135	Clinical Practicum III	4	RC 121, RC 122, RC 123, RC 125, RC 127	
	Semester Credits	4		

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
3rd Semester					
RC 211	Cardiorespiratory Science III	2	RC 135, RC 212, RC 213, RC 214, RC 215		
RC 212	Cardiorespiratory Equipment III	1	RC 135		
RC 213	Cardiorespiratory Diagnostics	2	RC 135		
RC 214	Cardiorespiratory Diagnostics Laboratory	1	RC 135		
RC 215	Clinical Practicum IV	4	RC 135 and min.grade of "C" on all proficiency exams		
Semester Credits		10			
4th Semester					
RC 221	RC Seminar	1	RC 111, RC 212, RC 213, RC 214, RC 215		
RC 223	Rehabilitation and Continuing Care	2	RC 111, RC 112, RESP 113, RC 114, RESP 115		
RC 225	Clinical Practicum V	4	RC 111, RC 112, RESP 113, RC 114, RESP 115		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
Semester Credits		10			
PROGRAM TOTAL		67			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ROBOTICS/MECHATRONICS TECHNOLOGY DEGREE – M307

Associate of Applied Science (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The Robotics/Mechatronics Technology Program trains students to be robotics, automation, manufacturing, electronics technicians who can program, troubleshoot, and repair robots and mechatronics devices in different applications. A robotics/ mechatronics technician is a highly skilled person who works with industrial/manufacturing specialists in the rapidly expanding and dynamic industry of automated manufacturing. The robotics/ mechatronics student receives extensive training in electronics, computer controls, data acquisition, mechanical controls, pneumatics, electrical power, motors, and hydraulics relative to industrial robots and mechatronics. The graduates of the Robotics/ Mechatronics Technology Program can also transfer to Morgan State University and Capitol College to pursue BS degrees in Engineering or Engineering Technology.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
ELC 120	DC Circuit Analysis	3	MAT 92		
MAT 127	College Algebra and Trigonometry	4	MAT 92; RENG 92		
RBT 105	Introduction to Robotics/Mechatronics	4	None		
HLF-Elective	Health and Life Fitness	1	None		
Semester		16			
2nd Semester					
ELC 121	AC Circuits Analysis	3	ELC 120		
ENG 101	English Writing	3	ENG 82 or RENG 92		
CLT 100	Computer Literacy	2	None		
ELC 256	Digital Fundamentals and Circuits	3	ELC 120		
RBT 150	Computer Assisted Manufacturing (CAM) and Industrial Instrumentation	4	RBT 150; ELC 256		
Semester		15			
3rd Semester					
PHY 101	Fundamentals of Physics I	4	MAT 127 or MAT 128; ENG 82 or RENG 92		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91; RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
EGN 101	Engineering Graphics	3	MAT 127 or MAT 128		
RBT 150	Computer Assisted Manufacturing (CAM)	4	RBT 105		
Semester		15			
4th Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
RBT 204	Robotics Applications and Programmable Logic Controllers	3	EGN 101, RBT 150 and ELC 256		
RBT 206	Robotics Applications and Programmable Logic Controllers (PLCs) Lab	1	RBT 105		
CADD 208	CADD Mechanical Applications	3	CADD 105		
BPS-Elective	Biological & Physical Sciences with lab	4	Depends on course chosen		
Semester		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Surgical Technology Program

Selective Admissions & Criteria Process

The Surgical Technology Program uses a selective admission process, based upon a ranking system that considers grades in pre-program courses, grades in foundation courses, previous work experience in healthcare and an applicant's cumulative college GPA at the time of admission. The ranking system is designed to select for students most likely to succeed in the surgical technology program. The applications will be ranked and those applicants who have met all pre-program entry requirements and with the highest scores will be offered admission until all seats are filled.

What are the requirements for the Surgical Technology Program?

A. Pre-Program Entry Requirements:

PRE 100	Preparation for Academic Achievement
ENG 101	English Writing
MAT 107 or MAT 128	Modern Elementary Statistics OR Pre-Calculus I: College Algebra
SP 101	Fundamentals of Speech Communication
BIO 101 Placement Exam	[Test out of BIO 101]

B. General Education Program Requirements

AH 110	Medical Jurisprudence & Ethics
AH 130	Medical Terminology
AH 135	Allied Health Pharmacology
AH 230	Study of Disease Process
BIO 107	Anatomy and Physiology
BIO 212	Microbiology
PSY 101	Introductory Psychology
SOC 101	Introduction to Sociology
CLT 100 or equivalent	Computer Literacy requirement

***Biology 101 placement test is a prerequisite for BIO 107**

- C.** Students must maintain GPA of 2.5 or higher and be in good academic standing
- D.** Students must have a minimum of 37 points to be considered for admission
- E.** Must complete sciences and allied health courses with 2.0 or better. Sciences must be completed within 5 years of entry into the program
- F.** Applicants are accepted for Fall entry only.
- G.** Applications are available online www.bccc.edu/Page/1205 at the beginning of February. The deadline for applications submitted via Canvas is the last Friday in May (unless otherwise noted).

Selection Process: The Surgical Technology Programs uses a ranking system based upon the selective admission worksheet on the following page. Students earn points based upon grades received in prerequisite and foundation courses, overall GPA, and healthcare work experience. Available seats are offered to students with the highest point totals and who have met all pre-program entry requirements. A minimum of 37 points is necessary for admission to the program.

BCCC reserves the right to modify the admissions requirements at any time in the student's enrollment.

Effective for students applying for entry for Fall 2018 and beyond.

Baltimore City Community College Surgical Technology Selective Admission Worksheet					
Pre - Program Requirements		A [5 pts]	B [3 pts]	C [1 pts]	Points Possible [25]
PRE 100					
ENG 101					
MAT 107/128					
SP 101					
BIO 101 Placement	Successful placement [5 pts]				
Totals					
Foundation Courses*		A [5 pts]	B [3 pts]	C [1 pts]	Points Possible [30]
AH 110					
AH 130					
AH 135					
AH 230					
BIO 107 or BIO 202/203	Will take the average of BIO 202/203				
BIO 212					
Totals					
Cumulative GPA at time of admission		X 2.5			Points Possible [10]
Healthcare Work Experience [no points will be given for employment that cannot be verified]					Points Possible [15]
Place[s] of employment					
Totals					
Grand Total					Points Possible [80]

*Any science or allied health course that has not been completed within five years of acceptance into the Surgical Technology program will have to be repeated and no points will be assigned for such courses. For those who have repeated a course, the higher of the two grades will be used for admissions purposes. Final acceptance is contingent upon satisfactory completion of a criminal background check, a health examination record, and submission of current American Heart Association Basic Life Support {BLS} CPR certification.

SURGICAL TECHNOLOGY DEGREE – M208

Associate of Applied Science (AAS)

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

The program prepares students for successful employment in an operating room, assisting the surgeon and other members of the professional staff with patient care before during and after surgery. Through classroom study and clinical fieldwork in area hospitals, students learn surgical asepsis, and the preparation and use of instrumentation and equipment. Student completing the program are eligible to take the certifying examination given by the Association of Surgical Technologists. Prospective SGT students should consult with the Office of Admissions, Recruitment and Orientation about the insurance, course sequence, and grade standards that must be maintained.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
	Computer Literacy Exam	0			
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 107 or MAT 128	Modern Elementary Statistics or Pre-Calculus I: College Algebra	3-4	MAT 86 or MAT 91 and RENG 92 / MAT 92 and ENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
	Semester Credits	10-11			
Complete Application to Surgical Technology Program – see the “Surgical Technology Program Selective Admission Criteria and Process” @ http://www.bccc.edu/Page/1205					
1st Semester					
AH 130	Medical Terminology	3	ENG 82 or RENG 92		
BIO 107	Anatomy and Physiology	4	BIO 101 or BIO 102		
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
SGT 101	Instrumentation	3	2.5 GPA; PRE 100, ENG 101, MAT 128, SP 101		
	Semester Credits	13			
2nd Semester					
AH 230	Study of Disease Process	3	AH 130, BIO 202		
SGT 103	Introduction of Surgical Technology	5	AH 130, BIO 202, SGT 101, SGT 102, SOC 101		
SGT 104	Basic Surgical Procedures	3	AH 130, BIO 202, SGT 101, SGT 102, SOC 101		
	Semester Credits	11			
Summer					
SGT 105	Hospital Clinical I	5	AH 230, BIO 203, SGT 103, SGT 104		
	Semester Credits	5			
3rd Semester					
AH 135	Allied Health Pharmacology	2	AH 130		
BIO 212	Microbiology	4	6-8 credits in biology and/or chemistry		
SGT 201	Hospital Clinical II	4	SGT 105		
SGT 205	More Advanced Surgical Procedures	3	SGT 105		
	Semester Credits	13			
4th Semester					
AH 110	Medical Jurisprudence and Ethics	2	None		
SGT 210	Hospital Clinical III	4	AH 135, BIO 212, SGT 201, SGT 205		
SGT 215	Advanced and Specialized Procedures	3	AH 135, BIO 212, SGT 201, SGT 205		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
	Semester Credits	12			
PROGRAM TOTAL		64-65			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

TEACHER EDUCATION TRANSFER DEGREE – M019

Associate of Arts Degree (AA)

CATALOG DESCRIPTION OF PROGRAM:

The Teacher Education Transfer Program prepares students interested in transferring to a four-year college. Students in this program begin training to become teachers, and have opportunities to explore the diverse world of education and ways to work effectively within it. This curriculum is designed for students who are interested in transferring to an Elementary Education program at a four-year college and who may not be eligible to complete the requirements of the A.A.T. degree. While this curriculum is designed to prepare students to pursue a bachelor's degree program at the college or university level, students are advised to check the requirements of the institution to which they intend to transfer. Candidates for graduation in this program must pay for and take the ETS National Teacher Examination: PRAXIS I test before graduation. PRAXIS is offered several times during the year.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BIO 102	Principles of Biology	4	MAT 81 or MAT 91 and ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
EDU 200	Introduction to Education	3	None		
HLF-Elective	Health and Life Fitness	1	None		
Semester Credits		15			
2nd Semester					
PHSC 110	Physical Science	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
MAT 113	Mathematical Concepts I	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
HLF-Elective	Health and Life Fitness	1	None		
ENG 102	Introduction to the Term Paper and Research Methods	3	ENG 101		
Semester Credits		15			
3rd Semester					
SOC 101	Introduction to Sociology	3	ENG 82 or RENG 92		
ENG 200	Introduction to Literature	3	ENG 101		
SED 220	Special Education: An Overview	3	ENG 101		
BUAD 112	Computers for Business Management	3	None		
H 101	History of American Civilization I	3	ENG 82 or RENG 92		
Semester Credits		15			
4th Semester					
H 102	History of American Civilization II	3	ENG 82 or RENG 92		
MAT 107	Modern Elementary Statistics	3	MAT 86 or MAT 91 and RENG 92		
ART 106 or MUS 103	Art in the Culture or Music Appreciation	3	ENG 82 or RENG 92		
PSY 201	Educational Psychology	3	PSY 101		
EDU 215	Dev. Process & the Acquisition of Reading Competency	3	None		
Semester Credits		15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

TEACHER EDUCATION TRANSFER DEGREE – M141

Math/Science – Area of Concentration *Associate of Arts Degree (AA)*

CATALOG DESCRIPTION OF PROGRAM:

This option is structured as preparation for those who expect to teach in the math and science areas. It is designed to address the transfer needs of students planning to attend a four-year college or university for Teacher Preparation and who may not be eligible to complete the requirements of the A.A.T. degree. While this curriculum is designed to prepare students to pursue a bachelor's degree program at the college or university level, students are advised to check the requirements of the institution to which they intend to transfer.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
MAT 113	Mathematical Concepts I	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
PHSC 110	Physical Science	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
BIO 102	Principles of Biology	4	MAT 81 and ENG 82 or RENG 92		
EDU 200	Introduction to Education	3	None		
MAT 114	Mathematical Concepts II	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
PSY 201	Educational Psychology	3	PSY 101		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
Semester Credits		17			
3rd Semester					
CHE 101 or PHSC 120	General Chemistry or Contemporary Chemistry/Physical Science	4	MAT 82 and ENG 82 or RENG 92/ MAT 82 or MAT 92; ENG 82 or RENG 92		
ENG-Elective	Choose any ENG 200 Level English	3	Depends on course chosen		
SED 220	Special Education: An Overview	3	ENG 101		
MAT 128	Precalculus I: College Algebra	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
Semester Credits		14			
4th Semester					
ART 106	Art in the Culture	3	ENG 82 or RENG 92		
GEO 102	Elements of Cultural Geography	3	None		
SCI 100	Elements of Earth Science	3	MAT 81 or MAT 91; ENG 82 or RENG 92		
HLF 210	Health and Life Fitness	2	Depends on course chosen		
BUAD 112	Computers for Business Management	3	None		
Semester Credits		14			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

TRANSPORTATION AND SUPPLY CHAIN MANAGEMENT DEGREE – M718

Associate of Applied Science Degree (AAS)

CATALOG DESCRIPTION OF PROGRAM:

The program prepares students for jobs in the transportation, distribution and supply chain management industries. Emphasis is placed on supply chain logistics, commercial, freight, and maritime transportation systems.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 100	Introduction to Business	3	ENG 82 or RENG 92		
ENG 101	English Writing	3	ENG 82 or RENG 92		
BUAD 112	Computers for Business Management	3	ENG 82 or RENG 92		
SP 101	Fundamentals of Speech Communications	3	ENG 82 or RENG 92		
MAT 125	Finite Mathematics	3	MAT 82 or MAT 92; ENG 82 or RENG 92		
	Semester Credits	16			
2nd Semester					
MGMT 222	Principles of Management	3	BUAD 100		
CADD 101	Introduction to CADD	3	Permission of CADD Program Coordinator		
PHI 105	Introduction to Professional Ethics	3	ENG 82 or RENG 92		
TSCM 101	Introduction to Transportation Systems	3	Permission of Program Coordinator		
TSCM 120	Commercial Transportation Systems	3	Permission of Program Coordinator		
	Semester Credits	15			
3rd Semester					
ACCT 221	Principles of Financial Accounting	3	MAT 81 or MAT 91		
CADD 200	Geographic Information Systems Applications	3	CADD 101 or CADD 111		
HLF-Elective	Health and Life Fitness	2	None		
TSCM 140	Supply Chain Management	3	TSCM 101		
TSCM 160	Maritime Transportation	3	TSCM 101		
	Semester Credits	14			
4th Semester					
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
ES 110	Environmental Science	3	None		
TSCM 200	Freight Transportation	3	TSCM 101		
TSCM 210	Supply Chain Logistics	3	TSCM 101		
TSCM-Elective	Program Elective	3	Depends on course chosen		
	Semester Credits	15			
PROGRAM TOTAL		60			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

TSCM APPROVED ELECTIVE		
COP 200	Cooperative Education	3

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

CERTIFICATE PROGRAMS

ACCOUNTING CERTIFICATE

Accounting – M211

CATALOG DESCRIPTION OF PROGRAM:

The Accounting Certificate is designed for people seeking entry-level employment in bookkeeping or accounting who choose not to pursue an associate degree or have previously earned that or another degree.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ACCT 221	Principles of Financial Accounting	3	MAT 91		
ACCT 222	Principles of Managerial Accounting	3	ACCT 221		
ACCT 230	Intermediate Accounting I	3	ACCT 222		
Elective	BUAD 112, CLT 100, CLT Exam	0-3	Depends on course chosen		
<i>Select any 3 of the following courses:</i>					
ACCT 231	Intermediate Accounting II	3	ACCT 230		
ACCT 235	Cost Accounting	3	ACCT 222		
ACCT 241	Auditing Concepts	3	ACCT 230		
ACCT 261/or BCAP 126	Accounting Applications on the Microcomputer II/Comprehensive Spreadsheets	3	Depends on course chosen		
ACCT 265	Income Tax Auditing	3	ACCT 221		
COP 200	Cooperative Education	3	Permission from program coordinator		
PROGRAM TOTAL		19-22			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ADDICTION COUNSELING CERTIFICATE

Addiction Counseling – M128

CATALOG DESCRIPTION OF PROGRAM:

The Addictions Counseling Certificate is for students that are interested in studying an Allied Human Services core in which they receive the special instruction and career foundation courses needed for such fields as social work, mental health, counseling, gerontology, social and behavioral sciences, law enforcement, government service, education, and community and social planning.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
ADC 106	Fundamentals of Chemical Dependency Treatment	3	None		
ADC 108	Pharmacology of Chemical Dependency	3	None		
ADC 201	Chemical Dependency Counseling Skills	3	ADC 106, ADC 108		
ADC 202	Assessment and Treatment Planning w/Chemically Dep. Clients	3	ADC 106, ADC 108		
AHS 100	Introduction to Human Services	4	None		
AHS 101	Clinical/Fieldwork I: Human Services Individual Counseling	4	AHS 100		
AHS 102	Clinical/Fieldwork II: Human Services Group Counseling	5	AHS 101		
CLT 100	Computer Literacy	2	None		
PROGRAM TOTAL		28			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ALLIED HUMAN SERVICES CERTIFICATE

Allied Human Services – M048

CATALOG DESCRIPTION OF PROGRAM:

The Allied Human Services Certificate trains students to assist professional in providing services such as interviewing clients, interpreting programs and services, participating in neighborhood programs and projects, case-finding and outreach activities, and providing daily services to meet the social and physical needs of clients or patients. The student's own life experience and knowledge of people are the most important qualifications for admission to the program. Credits for this program may be used toward the Associate degree in Allied Human Services.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
	Computer Literacy Exam	0			
AHS 100	Introduction to Human Services	4	None		
AHS 101	Clinical/Fieldwork I: Human Services Individual Counseling	4	AHS 100		
AHS 103	Group Dynamics: Small Group Analysis	3	None		
AHS 104	Activity Therapies	3	AHS 101, AHS 103		
HEA 102	First Aid and Safety	1	None		
PROGRAM TOTAL		16			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

BIOTECHNOLOGY LAB CERTIFICATE

Biotechnology – M405

CATALOG DESCRIPTION OF PROGRAM:

The Biotechnology Lab Certificate is a certificate option of the Biotechnology Program. This comprehensive program ensures theoretical and practical training in concepts and instrumentation relevant to Biotechnology. It is intended to prepare students for immediate employment in the Biotechnology field as laboratory technicians, laboratory assistants and other entry-level positions in academic or industrial research laboratories, and biopharmaceutical production facilities.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
LSS 101 or ENG 101	Laboratory Communication Skills or English Writing	3	Depends on course chosen		
LSS 102 or MAT 92 or MAT 86 or higher	Laboratory Math, Computer Skills and Informatics or Intermediate Algebra/Integrated Pre-Algebra and Introductory Algebra	3	Depends on course chosen		
LSS 103	Laboratory and Sterilization Management	3	None		
BTC 103	Special Topics in Biotechnology I	4	None		
BTC 105	Techniques Instrumentation and for Biotechnology	4	None		
BIO 199	Individual Study in Biology	4	None		
CLT 100	Computer Literacy/CLT Exam	0-2	None		
PROGRAM TOTAL		21-23			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Coding Specialist Certificate

Coding Specialist Certificate Admission Criteria

What are the requirements for the Health Information Technology program?

A. Pre-Program Entry Requirements:

MAT 92	Intermediate Algebra (or exempt)
PRE 100	Preparation for Academic Achievement
AH 130	Medical Terminology
AH 135	Allied Health Pharmacology
BIO 202*	Anatomy & Physiology I
ENG 101	English Writing

B. General Education Program Requirements:

BIO 203	Anatomy and Physiology II
AH 230	Study of Disease Process

***Biology placement test is a prerequisite for BIO 202.**

- C.** Students must have a GPA of 2.5 or greater to apply to the Coding Specialist Certificate and maintain a minimum GPA of 2.0 throughout the program.
- D.** Must complete prerequisites courses with a grade of C or better and sciences must be completed within 5 years of applying to the program.
- E.** Applications are accepted for Fall entry only
- F.** Program applications are available online (www.bccc.edu). The deadline for applications submitted via canvas is the last Friday in May (unless otherwise noted).

Selection Process:

The Coding Specialist Certificate track of the Health Information Technology Program uses a Selective Admission process, based upon the applicant's cumulative college GPA at the time of admission, using a point system to rank and accept students into its Program (4.00 = 4 points, 3.5 to 3.99 = 3points, 3.0 to 3.49 = 2points, 2.5 to 2.99 = 1 point). The applications will be ranked from highest to lowest points. The applicants with the highest score will be offered admission, followed by the next highest score until all seats are filled.

**Please contact Brittany Henderson of the Admissions office at
410-462-8300 or brhenderson@bccc.edu for additional information.**

Effective 02/25/2016 for students applying for entry into the Coding Specialist Certificate track for
Fall 2016 and after.

CODING SPECIALIST CERTIFICATE

Coding Specialist – M205

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

The Coding Specialist Certificate prepares a graduate for employment in a hospital, or a related healthcare setting, analyzing charts in order to assign codes using the ICD-10-CM, CPT-4, and DSM-UV classification systems. Graduates are also able to use computer software encoders to obtain codes; the Medicare DRG, APR groupers for inpatients; and the APC grouper for assigning APCs for reimbursement. Students gain practice in coding a variety of medical specialties and problems, of acute care, ambulatory, and long-term care patients. This practice requires additional time in the lab during OPEN LAB time.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
ENG 101	English Writing	3	ENG 82 or RENG 92		
AH 130	Medical Terminology	3	ENG 82 or RENG 92		
BIO 202	Anatomy and Physiology I	4	BIO 101 or BIO 102		
	Semester Credits	11			
Complete Application to Coding Specialist Certificate Program – see the “Coding Specialist Certificate Admission Criteria and Process” @ http://www.bccc.edu/Page/1672					
1st Semester					
AH 230	Study of Disease Process	3	AH 130, BIO 202		
HIT 120	Health Information Systems	4	ENG 101		
BIO 203	Anatomy and Physiology II	4	BIO 202		
AH 135	Allied Health Pharmacology	2	AH 130		
	Semester Credits	13			
2nd Semester					
HIT 124	ICD-10-CM Coding Principles	4	AH 130, BIO 202		
HIT 132	CPT-4 Coding Principles and RVUs/APGs	2	AH 130, BIO 201, HIT 120		
HIT 232	Computer Applications in Healthcare	2	HIT 120		
	Semester Credits	8			
3rd Semester					
HIT 226	Coding Practicum II	3	HIT 124		
HIT 241	Advanced ICD-10-CM Coding/DRGs and DSM-IV	2	HIT 124, BIO 202		
	Semester Credits	5			
PROGRAM TOTAL		37			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

COMPUTER-AIDED DRAFTING AND DESIGN CERTIFICATE

Computer-Aided Drafting and Design – M717

CATALOG DESCRIPTION OF PROGRAM:

The CADD Engineering Technology certificate will prepare students with the skills necessary to become engineering and architectural drafters.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
CADD 101	Introduction to CADD	3	Permission of CADD Coordinator		
CADD 111	CADD Applications	3	Permission of CADD Coordinator		
CADD 112	CADD Architectural Applications I	3	CADD 101		
CADD 205	CADD Engineering Drawing I	3	CADD 101		
CADD 211	CADD Civil Applications	3	CADD 101 or CADD 111		
PROGRAM TOTAL		16			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

CONSTRUCTION SUPERVISION CERTIFICATE

Construction Supervision – M401

CATALOG DESCRIPTION OF PROGRAM:

The Certificate is oriented towards workers who wish to sharpen their existing skills or move up to supervisor, or the small business owner who wishes to brush up in a specific area.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
CON 101	Introduction to Construction	3	ENG 82 or RENG 92		
CON 104	Construction Methods and Materials	3	ENG 82 or RENG 92		
CON 107	Blueprint Reading	3	ENG 82 or RENG 92		
MAT 128	Precalculus: College Algebra	4	MAT 82 or MAT 92; ENG 82 or RENG 92		
	Semester Credits	17			
Summer					
CADD 101	Introduction to CADD	3	Permission of CADD Program Coordinator		
CON 210	Construction Estimating	3	CON 101; CON 104; CON 107; ENG 101; MAT 128		
	Semester Credits	6			
2nd Semester					
CON 222	Scheduling, Planning and Cost Control	3	CON 210		
CON 224	Construction Contracts and Documents	3	CON 210		
CON 215	Computer Applications in Construction	1	CADD 101; CON 210		
	Semester Credits	7			
PROGRAM TOTAL		30			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

CYBER SECURITY AND ASSURANCE CERTIFICATE

Cyber Security and Assurance – M710

CATALOG DESCRIPTION OF PROGRAM:

The Cyber Security and Assurance Program provides students with practical experience in understanding the threats and dangers, security assessments and analysis to a wide range of different businesses, and the steps that need to be taken to mitigate these vulnerabilities by using state-of-the-art technology. The program prepares students for vendor-specific or commercially available security certification. The program also emphasizes the need to build a wall between our information and those that want to exploit it. The recurring events such as virus and worm attacks and the success of criminal attackers illustrate the weaknesses in current information technologies and the need to heightened security of these systems.

COURSE	CURRENT SEQUENCE	CREDITS		SEMESTER	GRADE
Summer Semester					
PRE 100	Preparation for Academic Achievement	1	None		
BCAP 104	Introduction to Operating Systems	3	None		
ITSA 125	Security Fundamentals, Principles and Ethics	3	None		
	Semester Credits	7			
1st Semester					
CISS 105	Introduction to UNIX Operating Systems	3	None		
BCAP 270	Introduction to Help Desk	3	BCAP 104		
ITNT 235	Networking with TCP/IP	3	None		
	Semester Credits	9			
2nd Semester					
ITSA 242	Computer Forensics and Investigation	3	ITSA 125		
ITSA 233	Ethical Hacking	3	ITSA 125		
ITSA 245	Cyber Security Implementation	3	ITSA 125, ITSA 233		
	Semester Credits	9			
PROGRAM TOTAL		25			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

EARLY CHILDHOOD EDUCATION CERTIFICATE

Early Childhood Education – M251

CATALOG DESCRIPTION OF PROGRAM:

Graduates of BCCC's Early Childhood Education Program are fully qualified for certification as directors, or senior staff members of child-care programs. They may also work as paraprofessionals in public schools, in hospital child-life programs, and as teachers or assistant teachers in several federal programs. Students are able to expand their job opportunities by earning a certificate in Special Education Assistant, in addition to the Associate's degree in Early Childhood Education. The course of study includes: theories of child development and programming for children, theoretical coursework, supervised field placement, and observation. Students are encouraged to develop their skills and techniques, for working with small groups of children in activities such as music, art, storytelling, science and mathematics. Students learn to create and plan instruction based on individual and group needs, and have the opportunity to work with different staff members and groups.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
	Computer Literacy Exam	0			
AHS 100	Introduction to Human Services	4	None		
AHS 101	Clinical/Fieldwork I: Human Services Individual Counseling	4	AHS 100		
AHS 102	Clinical/Fieldwork II: Human Services Group Counseling	5	AHS 101		
AHS 103	Group Dynamics: Small Group Analysis	3	None		
ECE 100 or ECE 112	Introduction to Child Development or MD State Child Day Care Training Certification: Child Growth and Development Part I	3	None		
ECE 113	MD State Child Day Care Training Certification: Programs and Activities Part II	3-4	None		
ECE 217	Planning and Administering Programs for Children	3	ENG 101, ECE 111/112/113/114/119, and ECE 117 or coordinator's permission		
ECE-Electives	Early Childhood/Special Education Electives – Select 2 Courses	6-8	Depends on course chosen		
PROGRAM TOTAL		32-35			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

FASHION DESIGN CERTIFICATE

Fashion Design – M186

CATALOG DESCRIPTION OF PROGRAM:

The Fashion Design Certificate is intended for students who are seeking entrepreneurial careers in the fashion industry, or for the professional seeking to upgrade skills. These students either choose not to pursue an associate's degree, or already have degrees in a related field. Students study apparel construction pattern making, draping, tailoring and other related fashion courses.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
FASH 101 or FASH 200	Apparel Technology or Advanced Apparel Technology	3	None		
FASH 103	Fashion Design Concepts	3	None		
FASH 108	Survey of Textiles	3	None		
	Semester Credits	10			
2nd Semester					
FASH 102	Historic Costume and Textile Development	3	FASH 101 or FASH 200		
FASH 104	Flat Pattern Design	3	FASH 101 or FASH 200		
FASH 105	Visual Merchandising	3	None		
	Semester Credits	9			
Optional Elective					
COP 100	Cooperative Education	1	None		
3rd Semester					
FASH 201	Technical Fashion Illustration	3	None		
FASH 202	Computer-Assisted Pattern Design	3	FASH 104		
FASH 203	Design by Draping I	3	FASH 101 or FASH 200, FASH 104		
	Semester Credits	9			
4th Semester					
FASH 204	Design by Draping II	3	FASH 203		
FASH 205	Tailoring Techniques	3	FASH 104 or FASH 203		
FASH 206	Fashion Entrepreneurship	3	None		
FASH 207	Fashion Show Production	3	ENG 82 or RENG 92		
	Semester Credits	12			
PROGRAM TOTAL		40			
PROGRAM TOTAL (with optional elective)		41			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

INFORMATION TECHNOLOGY BASIC SKILLS CERTIFICATE

Information Technology Basic Skills – M709

CATALOG DESCRIPTION OF PROGRAM:

The Information Technology Basic Skills Certificate has been designed using existing courses from BCCC's Computer Information Systems degree in response to discussions with the external stakeholders. It is a stackable certificate that will allow students to continue pursuit of a degree in information technology.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
ENG 101	English Writing	3	ENG 82 or RENG 92		
BCAP 104	Introduction to Operating systems: DOS and Windows	3	None		
CISS 109	Principles of Computer Information Systems	3	Completion of all required dev. courses		
BCAP 270	Introduction to Help Desk	3	BCAP 104		
COP 200	Cooperative Education	3	2.0 GPA; Completion of 15 credits		
PROGRAM TOTAL		16			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

LAB ANIMAL SCIENCE CERTIFICATE

Lab Animal Science – M404

CATALOG DESCRIPTION OF PROGRAM:

The Lab Animal Science Certificate is a certificate option of the Biotechnology Program. The Lab Animal Science Certificate is designed to prepare students with comprehensive knowledge in lab animal science so they can be employed as animal care and handling technicians or assistants in scientific laboratories or biotech companies under the supervision of a scientist or lab manager. The program is aligned with the course curriculum of Assistant Laboratory Animal Technician (ALAT) certification of American Association for Laboratory Animal sciences (AALAS) providing the students pathways to establish careers in laboratory animal sciences.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
LSS 101 or ENG 101	Laboratory Communication Skills or English Writing	3	Depends on course chosen		
LSS 102 or MAT 92 or MAT 86 or higher	Laboratory Math, Computer Skills and Informatics or Intermediate Algebra/Integrated Pre-Algebra and Introductory Algebra	3	Depends on course chosen		
LSS 103	Laboratory and Sterilization Management	3	None		
LSS 105	Introduction to Lab Animal Science	3	None		
BIO 199	Individual Study in Biology	4	None		
CLT 100	Computer Literacy/CLT Exam	0-2			
PROGRAM TOTAL		17-19			

Note: Students taking LSS 105, Introduction to Lab Animal Science with the intention of completing the Lab Animal Certificate are strongly advised to take in the prior/same semester LSS 101 (or ENG 101) and LSS 102 (or MAT 92 or MAT 87M or higher) and LSS 103.

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

PARAMEDIC CERTIFICATE

Paramedic– M713

Paramedicine Program admission is based on the Paramedic\Paramedic Bridge Certificates' Selective Admission Process

CATALOG DESCRIPTION OF PROGRAM:

The Paramedic Certificate allows EMS providers who are currently certified as Maryland Emergency Medical Technicians to advance to certification as a Nationally Registered Paramedic.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
	Maryland Certified Emergency Medical Technician	0			
PRE 100	Preparation for Academic Achievement	1	None		
BIO 107	Anatomy and Physiology	4	Biology Placement Exam		
	Computer Literacy Exam	0			
	Prerequisite Total	5			

After completing the pre-requisites, a student must successfully complete the Program Application and Selective Admission Process to enroll into the program.

1st Semester					
EMSP 115	Paramedic I	10	None		
EMSP 116	Paramedic Clinical I	2	None		
	Semester Credits	12			

2nd Semester					
EMSP 123	Paramedic II	12	None		
EMSP 124	Paramedic Clinical II	2	None		
	Semester Credits	14			

3rd Semester					
EMSP 206	Paramedic III	12	None		
	Semester Credits	12			
PROGRAM TOTAL		43			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

PARAMEDIC BRIDGE CERTIFICATE

Paramedic– M711

Paramedicine Program admission is based on the Paramedic\Paramedic Bridge Certificates' Selective Admission Process

CATALOG DESCRIPTION OF PROGRAM:

The Paramedic Bridge Certificate advances an incumbent worker in the BCFD (Baltimore City Fire Department) to the Paramedic EMT-P position. The incumbent worker holding a CRT and attends BCCC receives 12 credit hours toward the Paramedic Certificate and Associate Degree. The in-coming student (City Fire Department Employee) has 31 remaining credit hours toward the advanced certificate. A Paramedic CRT provides emergency medical treatment at the scene of an accident or illness and transports sick and injured persons to medical facilities. The Paramedic CRT also analyzes and takes command of patient care with full responsibility for the patient until relieved by proper medical staff. Work of this class involves leading other Fire and EMS employees, but does not involve full supervisory duties or responsibilities.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Prerequisites					
EMSP 115	Paramedic I	10	(Applicants with a current Maryland CRT-99 license will receive credit for these two courses)		
EMSP 116	Paramedic Clinical I	2			
PRE 100	Preparation for Academic Achievement	1	None		
BIO 107	Anatomy and Physiology	4	Biology Placement Exam		
	Computer Literacy Exam	0			
Prerequisite Total		17			

After completing the pre-requisites, a student must successfully complete the Program Application and Selective Admission Process to enroll into the program.

1st Semester					
EMSP 203	Paramedic Bridge I	12	None		
EMSP 124	Paramedic Bridge Clinical I	2	None		
Semester Credits		14			

2nd Semester					
EMSP 212	Paramedic Bridge II	12	None		
Semester Credits		12			
PROGRAM TOTAL		43			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

Nursing Program Selective Admission Criteria and Process

(Effective starting with the Spring 2016 entering class)

Listed below are the requirements that must be completed by all students seeking admission into the Associate Degree Nursing and Practical Nursing Certificate Programs.

Prerequisites for admission into the nursing program include:

1. All required developmental coursework (math, reading and writing sequence).
2. Pre 100: Preparation for Academic Achievement.
3. Completion of BIO 202, BIO 203 and BIO 212.
4. A grade of "C" or better must be achieved in all science courses. Science courses must be completed within five (5) years of starting the nursing program. A science course can only be repeated once within 5 years.
5. Minimum G.P.A. of 2.5 or greater.
6. All students must have resident BCCC courses (minimum 6 credits).
7. All students must take the current Test of Essential Academic Skills (TEAS). The TEAS must be completed within one (1) year of starting the nursing program.
8. All students must pass the Biology 101 Placement Exam.
9. All students must meet the college's computer literacy requirement.

Application Availability

1. The application for the spring semester (Associate Degree Nursing Program) will be placed on the nursing web site the second Friday in September.
2. The application for the fall semester (Associate Degree Nursing Program) will be placed on the nursing web site the first Monday in February.
3. The application for the fall semester (Practical Nursing Certificate Program) will be placed on the nursing web site the first Monday in March.
4. The application for the summer semester (LPN Advanced Placement) will be placed on the nursing web site the first Monday in April.

Application Deadlines

1. The Associate Degree Nursing Program application deadline for the spring semester will be the last Friday in October.
2. The Associate Degree Nursing Program application deadline for the fall semester will be the last Friday in March.
3. The Practical Nursing Certificate Program application deadline for the fall semester is the last Friday in May.
4. The License Practical Nurse Advanced Placement application deadline for the summer semester is the last Friday in May.

Selection Process

The application for those students who meet the prerequisites for eligibility for admission is ranked by the number of selection points he/she receives in descending order until all the seats are filled. If there is a tie in selection points, students who have been previously qualified and not accepted will receive priority if the student reapplies.

Point System

TEAS Placement

Exemplary	= 4 points
Advance	= 3 points
Proficient	= 2 points
Basic	= 1 points
Developmental	= 0 points

Overall GPA at time of admission

4.00	= 4 points
3.5 to 3.99	= 3 points
3.0 to 3.49	= 2 points
2.5 to 2.99	= 1 points
Below 2.5	= 0 points

GPA in Science Courses (BIO 202; BIO 203; BIO 212)

4.00	= 4 points
3.5 to 3.99	= 3 points
3.0 to 3.49	= 2 points
2.5 to 2.99	= 1 point
Below 2.5	= 0 points

The applications will be ranked from highest to lowest points. The applicant(s) with the highest score will be offered admission, followed by the next highest score until all seats are filled.

Applicants are notified of the admission decision. Notification letters include:

- Qualified, accepted
- Qualified, not accepted (no seats available)
- Not qualified, not accepted

Students who were qualified, but not accepted will be notified should a seat become available before the start of the semester.

Students who were qualified, but not accepted before the start of the semester and students who deferred their seat must re-apply and are re-ranked.

BCCC reserves the right to modify the above process and point designations at any time in the student's enrollment. The outlined point system should not be deemed an irrevocable contract between Nursing students and Baltimore City Community College.

YOUR APPLICATION WILL NOT BE PROCESSED IF YOU APPLY TO BOTH PROGRAMS.

Nursprogradmissionselectionsp.2010.bo/10-03-10.revised.01.2013/11.2014/07.2015/09.2015

PRACTICAL NURSING CERTIFICATE

Practical Nursing – M216

(Program Admission is based on the Selective Admission Process)

CATALOG DESCRIPTION OF PROGRAM:

The Practical Nursing Certificate is a one-year program that prepares graduates to take the licensing examination, (NCLEX-PN). Prospective students may select the program either on admission to the College, or after completing core courses: NUR 111: Calculation of Medication in Nursing, and NUR 120: Introduction to Nursing Practice. Licensed Practical Nurses function under the direction and supervision of a Registered Nurse, and/or a primary care provider, to provide care for clients in a variety of healthcare settings. The LPN works in a team relationship with other healthcare providers. The program is approved by the Maryland Board of Nursing.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
Pre-Requisites					
PRE 100	Preparation for Academic Achievement	1	None		
	Biology Placement Exam (Test out of BIO 101)	0			
	Computer Literacy Exam	0			
BIO 202	Anatomy and Physiology I	4	BIO 101 or BIO 102		
BIO 203	Anatomy and Physiology II	4	BIO 202		
BIO 212	Microbiology	4	6-8 credits in biology and/or chemistry		
Prerequisite Total		13			
<i>Complete Application to Practical Nursing Certificate Program – see the “Nursing Program Selective Admission Criteria and Process” @ http://www.bccc.edu/Page/1612</i>					
1st Semester					
ENG 101	English Writing	3	ENG 82 or RENG 92		
NUR 111	Calculation of Medications in Nursing	1	PRE 100, min. grade of “C” in BIO 202, BIO 203, BIO 212		
NUR 120	Introduction to Nursing Practice	8	PRE 100, min. grade of “C” in BIO 202, BIO 203, BIO 212		
PSY 101	Introductory Psychology	3	ENG 82 or RENG 92		
Semester Credits		15			
2nd Semester					
PNUR 101	Adult Health Nursing I	5	PRE 100, ENG 101, PSY 101, min. grade of “C” in BIO 202, BIO 203, BIO 212, NUR 111, NUR 120		
PNUR 105	Adult Health Nursing II	5	PRE 100, ENG 101, PSY 101, min. grade of “C” in BIO 202, BIO 203, BIO 212, NUR 111, NUR 120, PNUR 101		
Semester Credits		10			
3rd Semester					
PNUR 110	Nursing in Child-Bearing and Child-Rearing Families	6	PRE 100, ENG 101, PSY 101, min. grade of “C” in BIO 202, BIO 203, BIO 212, NUR 111, NUR 120, PNUR 101, PNUR 105		
PNUR 115	Seminar in Practical Nursing Issues	1	PRE 100, ENG 101, PSY 101, min. grade of “C” in BIO 202, BIO 203, BIO 212, NUR 111, NUR 120, PNUR 101, PNUR 105		
Semester Credits		7			
PROGRAM TOTAL		45			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

ROBOTICS/MECHATRONICS CERTIFICATE

Robotics/Mechatronics - M716

CATALOG DESCRIPTION OF PROGRAM:

The Robotics/Mechatronics Certificate trains students to be robotics/automation /manufacturing/ mechatronics technicians who can maintain, program, troubleshoot, and repair robots and mechatronics systems in different applications. Students in this certificate program receive extensive training in robotics, mechatronics, computer controls, instrumentation, data acquisition, mechanical controls, pneumatics, electrical power, motors, and hydraulics.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
1st Semester					
PRE 100	Preparation for Academic Achievement	1	None		
RBT 105	Introduction to Robotics/Mechatronics	4	None		
SP 101	Fundamentals of Speech Communication	3	ENG 82 or RENG 92		
CLT 100	Computer Literacy	2	None		
ECO 201	The American Economy I: Macroeconomic Theory	3	ENG 82 or RENG 92		
	Semester Credits	13			
2nd					
RBT 150	Computer Assisted Manufacturing (CAM) and Industrial Instrumentation	4	RBT 105		
RBT 206	Robotics Applications and Programmable Logic controllers (PLCs) Lab	1	RBT 105		
	Semester Credits	8			
PROGRAM TOTAL		18			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

SPECIAL EDUCATION ASSISTANT CERTIFICATE

Special Education Assistant – M116

CATALOG DESCRIPTION OF PROGRAM:

Students in the Special Education Assistant Certificate Program, prepare for careers working with exceptional children in Baltimore City and area schools, hospitals, and clinics. Students acquire a foundation in human development, and become experienced in working with exceptional children in educational setting, providing practical fieldwork. Many student in the Early Childhood Education degree program also earn this Special Education degree program also earn this Special Education certificate in order to expand their job opportunities.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
ECE 111	Practices and Principles in Early Childhood Education	3	ECE 100, ECE 101		
ENG 101	English Writing	3	ENG 82 or RENG 92		
CLT 100/BUAD 112	Computer Literacy/Computers for Business Management	2-3	ENG 82 or RENG 92		
ECE 112	Child Growth and Development	3	None		
ECE 117	Guiding Behavior in the Young Child	3	None		
SED 220	Special Education: An Overview	3	ENG 101		
SED 223/SED 230	Caring for Infants and Toddlers with Disabilities /Curriculum and Elementary Methods of Instruction for Children with Mild to Moderate Disabilities	3	ENG 101, SED 220		
SED 250	Student Practicum in Special Education	5	SED 220, SED 223		
PROGRAM TOTAL		26-27			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		

TRANSPORTATION AND SUPPLY CHAIN MANAGEMENT CERTIFICATE

Transportation and Supply Chain Management – M719

CATALOG DESCRIPTION OF PROGRAM:

The Transportation and Supply Chain Management Program (TSCM) is to provide a pathway for students to fill a workforce gap in the transportation, distribution, maritime and supply chain industries. Students will have the options to obtain academic, experience and industry credentials for their careers in the pivotal Maritime, Transportation, and Supply Chain industry.

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
PRE 100	Preparation for Academic Achievement	1	None		
BUAD 112	Computers for Business Management	3	ENG 82 or RENG 92		
TSCM 101	Introduction to Transportation Systems	3	Permission of Program Coordinator		
TSCM 120	Commercial Transportation Systems	3	Permission of Program Coordinator		
TSCM 140	Supply Chain Management	3	TSCM 101		
TSCM 160	Maritime Transportation	3	TSCM 101		
TSCM 200	Freight Transportation	3	TSCM 101		
TSCM 210	Supply Chain Logistics	3	TSCM 101		
PROGRAM TOTAL		22			

Advisor Signature: _____

Date: _____

Student Signature: _____

Date: _____

Pre-Requisites for Students in Developmental Courses

COURSE	CURRENT SEQUENCE	CREDITS	PREREQUISITES	SEMESTER	GRADE
RENG 90	Intensive Program Writing	4 hrs.	Placement Test		
RENG 91	Composition Skills I	4 hrs.	Placement Test or RENG 90		
RENG 92	Composition Skills II	4 hrs.	Placement Test or RENG 91		
MAT 80	Arithmetic	3 hrs.	Placement Test		
MAT 86/	Integrated Pre-Algebra and Introductory Algebra	5 hrs.	Placement Test or MAT 80		
MAT 87M	Integrated Elementary and Intermediate Algebra		Students who complete MAT 80 with an A or B within a one year period; Students who recently (within one year) failed and need to repeat MAT 91; students whose ACUPLACER placement score on Elementary Algebra falls within the range 52-62.		
MAT 91	Elementary Algebra	4 hrs.	Placement Test or MAT 80		
MAT 92	Intermediate Algebra	4 hrs.	Placement Test or MAT 91		