

# **Memo of Agreement Regarding Articulation Between Penn State Harrisburg and Cecil College**

## **PURPOSE**

Cecil University and The Pennsylvania State University, on behalf of Penn State Harrisburg, establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from The Early College Academy (ECA) at Cecil College to Penn State Harrisburg. The Early College Academy (ECA) enrolls students in grades 9–12. Successful students complete the program with a high school diploma (or its equivalent) and an Associates of Arts degree in General Studies from Cecil College. Prior to their freshman year, ECA students participate in an orientation program to introduce them to academic expectations and resources available to them during their four years in the program. Throughout their enrollment, students are supported by tutors and advisors from Cecil College. While taking classes, students are guided through seminars and individualized advising to help them build the academic skills needed to succeed in high school and college coursework. Cecil College has three separate Early College Academies. The first began in the 2014/2015 school year in partnership with Oxford Area School District in Pennsylvania. Cecil College and Oxford now have four successful cohorts. The second academy began in the 2017/2018 school year with local homeschool families. The third academy began in 2018/2019 in partnership with Cecil County Public Schools.

The purpose of the Agreement is to provide a pathway for students who have successfully completed an Associate of the Arts in General Studies at Cecil College to transition to a baccalaureate degree program at Penn State Harrisburg. The Agreement defines admission criteria and processes, course equivalencies, and academic advising services to support students in their transition from Cecil College to Penn State Harrisburg.

## **PROCEDURES**

### **A. Admissions Requirements**

ECA students enrolled in the Associate of Arts in General Studies at Cecil College who wish to articulate to Penn State Harrisburg must complete the Penn State University admissions process, including but not limited to Penn State University undergraduate admissions application and submission of all official transcripts from secondary and post-secondary institutions, as well as official standardized test scores (ACT or SAT). The admissions application fee will be waived.

Penn State Harrisburg agrees that ECA graduates of the Associate of Arts in General Studies at Cecil College will be considered incoming first-year students with credit and must therefore meet the first-year admissions standards at Penn State Harrisburg. The first-year student requirements can be found on this link: <https://admissions.psu.edu/apply/requirements/4year/>.

Prior to matriculation to Penn State Harrisburg, students under this agreement must successfully complete the Associate of Arts in General Studies at Cecil College and forward to Penn State Harrisburg final, official transcripts indicating the award of the Associate of Arts in General Studies at Cecil College.

The Penn State Harrisburg majors included in the terms of the agreement are detailed in Addendum A. Majors not specified in Addendum A, including majors at other Penn State colleges and campuses, are not covered by the terms of this agreement.

ECA students who successfully complete the Associate of Arts in General Studies at Cecil College, complete the courses outlined in Appendices AA-BI, and are admitted to Penn State Harrisburg will enter as a freshman with advanced status and are assured transfer credit as indicated in the appendices.

## **B. Evaluation of Cecil College Courses and Other Prior Learning Assessment**

Specific course equivalencies were determined through the transfer course tables maintained in the student information system by Penn State's Undergraduate Admissions Office.

Cecil College courses evaluated as equivalent to Penn State courses, or those approved as general credit within a discipline, will be added to the student's Penn State academic transcript by the Undergraduate Admissions Office if a grade of C or higher was earned.

Courses completed at Cecil College beyond those outlined in Appendices AA-BI will be considered for transfer to Pennsylvania State University on a case-by-case basis. See Penn State's Transfer Credit Tool at <https://admissions.psu.edu/TCT/index.cfm> for a complete listing of evaluated transfer courses. Syllabi are required to support any requests for course evaluations not listed at this site.

Courses evaluated as general requirements were reviewed by Penn State Harrisburg faculty in the discipline of the course and in some cases may be applied as substitutions for specific degree requirements.

Although not required for admission, students who graduated from high school in 2001 or later and have not completed the required two high school world language units in the same language must fulfill this high school requirement by completing one semester of a college level world language. This course will meet the high school world language requirement and also count toward the completion of a baccalaureate degree.

Once at Penn State Harrisburg, students who transition under the terms of this Agreement are responsible for meeting all major requirements to complete their degrees.

Courses/credits earned through Advanced Placement (AP), College-Level Examination Program (CLEP), or other testing programs will be evaluated according to Penn State's established criteria.

Credit evaluation for prior learning activity (e.g., military experience) will be assessed according to Penn State policy.

## **C. Academic Advising and Transition**

Penn State Harrisburg and Cecil College will maintain course equivalency information on their respective websites, and admissions and course articulation information will be made available to students through the transfer advising services at Cecil College.

Penn State Harrisburg will offer an academic orientation to students to provide academic advising and orientation to academic and technology resources, student life and career services, and financial aid and billing information.

Penn State Harrisburg agrees to waive the first-year seminar (FYS) requirement for ECA graduates of the Associate of Arts in General Studies at Cecil College.

Penn State Harrisburg agrees that ECA students admitted to Penn State University MAY be eligible for financial aid and freshman housing on the same basis as Penn State Harrisburg first-year students without advanced standing.

Penn State Harrisburg agrees to consider the awarding of academic scholarships to all qualified students admitted to Penn State Harrisburg pursuant to this Agreement. ECA students may be eligible for certain first-year, merit-based scholarships.

The majority of scholarships at Penn State Harrisburg are renewable as long as students meet all academic requirements of the specific scholarship(s).

Admission and advising staff from both institutions will meet annually to discuss and enhance student transition.

#### **D. Update/Report/Relationship**

Cecil College agrees to promptly notify Penn State Harrisburg of any substantive curricular modifications to the Associate of Arts in General Studies program and further agrees that this agreement will no longer apply unless Penn State Harrisburg provides written approval that the curricular changes do not alter the intent of the agreement.

#### **E. Amendments and Term of Effect**

This document constitutes the entire Agreement and terms of understanding between Cecil College and The Pennsylvania State University, on behalf of Penn State Harrisburg, and supersedes any other prior agreements or understandings between the two parties regarding the same subject matter.

Addendum B includes additional terms and conditions specifically requested by Cecil College and approved by both parties.

This Agreement will be reviewed annually and revised as necessary. All revisions are to be approved by each institution's official signatories. This Agreement will have a term of five (5) years starting from the last date provided below and will renew for successive five (5) year terms upon approval by each institution's official signatories, until one or both parties terminate the Agreement.

The terms of the Agreement shall remain in effect, except as stipulated for certain previous terms as listed herein, until terminated by either party. Any party may terminate the agreement with or without cause, on the provision of 120 days written notice to the other party.

Robert N. Pangborn 3/13/19  
Dr. Robert N. Pangborn Date  
Vice President and Dean for  
Undergraduate Education  
Penn State University

Mary Way Bolt 3/26/19  
Dr. Mary Way Bolt Date  
President  
Cecil College

Madlyn L. Hanes 3/13/19  
Dr. Madlyn L. Hanes Date  
Vice President for Commonwealth  
Campuses and Dean of the University College  
Penn State University

Christy Dryer 3/26/2019  
Dr. Christy Dryer Date  
Vice President for Academic Programs  
Cecil College

John Mason 3-1-19  
Dr. John Mason Date  
Chancellor  
Penn State Harrisburg

Kimberly Joyce 3/26/19  
Dr. Kimberly Joyce Date  
Vice President for Student Services  
and Enrollment Management  
Cecil College

Omid Ansary 3, 1, 19  
Dr. Omid Ansary Date  
Senior Associate Dean for Academic Affairs  
Penn State Harrisburg

### **Addendum A: *Penn State Harrisburg Majors Included in the Agreement***

The Penn State Harrisburg majors included in the terms of the agreement are detailed below.

The Penn State Harrisburg majors included in terms of the agreement are the Bachelor of Science in Accounting (ACCT), Bachelor of Arts in American Studies (AMSAB), Bachelor of Science in Biology (BIOL/BIOL GENET), Bachelor of Science in Civil Engineering (CE CA), Bachelor of Humanities in Communications (COMCL), Bachelor of Science in Computer Science (COMP), Bachelor of Science in Criminal Justice (CRIMJ), Bachelor of Science in Electrical Engineering (E ENG), Bachelor of Science in Electrical Engineering Technology (E E T), Bachelor of Elementary Education (ELEM), Bachelor of Humanities in English (ENGCL), Bachelor of Science in Finance (FINCE), Bachelor of Science in Health Policy and Administration (H P A), Bachelor of Science in Human Development and Family Studies (HFSCA), Bachelor of Arts in Humanities (HUMN), Bachelor of Science in Information Sciences and Technology (ISSCA), Bachelor of Science in Information Systems (INFSY), Bachelor of Science in Kinesiology (KINCA), Bachelor of Science in Management (MNGMT), Bachelor of Science in Marketing (MRKT), Bachelor of Science in Mathematical Sciences (MA SC), Bachelor of Science in Mechanical Engineering (ME CA), Bachelor of Science in Mechanical Engineering Technology (M E T), Bachelor of Science in Nursing (NURN), Bachelor of Arts in Political Science (PLSCA), Bachelor of Science in Project and Supply Chain Management (PSMCA), Bachelor of Science in Psychology (PSYC), Bachelor of Science in Public Policy (PUBPL), Bachelor of Science in Science (SCICA), Bachelor of Science in Secondary Education English (SECED), Bachelor of Science in Secondary Education Mathematics (EDMTH), Bachelor of Science in Secondary Education Social Studies (SESST), Bachelor of Science Security and Risk Analysis (SRACA/ICS), Bachelor of Science in Sociology (SOCIO), Bachelor of Science in Structural Design and Construction Engineering Technology (SCDET).,

## **Addendum B: General Terms and Conditions**

1. The Parties understand that they shall act in an independent capacity in the performance of this Agreement, and shall not be considered as employees, agents, affiliates, or subsidiaries of each other. Neither Party shall have the right to bind or obligate the other in any manner inconsistent with or unrelated to this Agreement.
2. This Agreement is governed by the laws of the Commonwealth of Pennsylvania.
3. Neither Party shall assume any liabilities as a result of this Agreement. As to liability to each other or death to persons, or damages to property, the Parties do not waive any defense as a result of entering into this Agreement. Nothing herein shall be construed as a waiver of any immunities afforded Cecil College by law or otherwise. Similarly, nothing herein shall be construed as a waiver of any immunities afforded Penn State University by law or otherwise.
4. Cecil College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. For a complete copy of the Cecil College non-discrimination policy, go to <http://www.cecil.edu/Catalog/Pages/Policies-and-Procedures.aspx#top>. Inquiries may be directed to the Title IX Coordinator, Catherine Skelley, Student Engagement and Civility Officer, Cecil College, One Seahawk Drive, North East, Maryland, 21901, 443-674-1988. Inquiries related to accessibility services for students may be directed to the Office of Disability and Support Services, 410-287-1000.
5. Penn State University is committed to equal access to programs, facilities, admission, and employment for all persons. It is the policy of the University to maintain an environment free of harassment and free of discrimination against any person because of age, race, color, ancestry, national origin, religion, creed, service in the uniformed services (as defined in state and federal law), veteran status, sex, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions, physical or mental disability, gender, perceived gender, gender identity, genetic information or political ideas. Discriminatory conduct and harassment, as well as sexual misconduct and relationship violence, violates the dignity of individuals, impedes the realization of the University's educational mission, and will not be tolerated. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Office, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901, Email: [aao@psu.edu](mailto:aao@psu.edu), Tel (814) 863-0471. Additional details can be found [here](#).
6. The Articulating Institutions agree that they are Equal Opportunity Employers.
7. Any notices to be given hereunder by any Party to the other may be affected with by personal delivery in writing or by mail, registered or certified, postage prepaid with return receipt requested. Mailed notices shall be addressed to the Parties at the addresses set forth hereinafter, but each Party may change their address by written notice in accordance with this paragraph. Notices delivered personally shall be deemed communicated as of actual receipt; mailed notices shall be deemed communicated as of five (5) days after mailing.

- a. If to Penn State Harrisburg: Admissions Office  
777 West Harrisburg Pike  
Middletown, PA 17057  
Copy to: Senior Associate Dean, Penn State Harrisburg  
Same address as above
- b. If to Cecil College: Early College Academy  
One Seahawk Dr  
North East, MD 21901  
Copy to: Vice President for Academic Programs  
Same address as above

## APPENDIX AA

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Accounting Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AB

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, American Studies Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4



## APPENDIX AC

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Biology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AD

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Civil Engineering Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 --Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AE

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Communications Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AF

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Computer Science Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AG

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Criminal Justice Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AH

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Electrical Engineering Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AI

### Coursework Transfer

#### Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Electrical Engineering Technology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AJ

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Elementary Education Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4



## APPENDIX AK

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, English Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AL

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Finance Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AM

### Coursework Transfer

#### Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Health Policy and Administration Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AN

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Human Development and Family Studies Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 &113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AO

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Humanities Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AP

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Information Sciences and Technology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AQ

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Information Systems Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AR

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Kinesiology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 --Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4



## APPENDIX AS

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Management Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AT

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Marketing Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 &113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AU

### Coursework Transfer

#### Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Mathematical Sciences Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AV

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Mechanical Engineering Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AW

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Mechanical Engineering Technology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AX

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Nursing Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AY

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Political Science Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX AZ

### Coursework Transfer

#### Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Project and Supply Chain Management Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 --Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4



## APPENDIX BA

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Psychology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BB

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Public Policy Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BC

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Science Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BD

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Secondary Education English Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BE

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Secondary Education  
Mathematics Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BF

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Secondary Education Social Studies Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BG

### Coursework Transfer

#### Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Security and Risk Analysis Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4

## APPENDIX BH

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Sociology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4



## APPENDIX BI

### Coursework Transfer

Associate of Arts in General Studies at Cecil College, to Penn State Harrisburg, Structural Design and Construction Engineering Technology Program

Graduates of Cecil College will be able to transfer coursework and credit to Penn State Harrisburg as described below.

CECIL COLLEGE	CR	Penn State Harrisburg Equivalencies	CR
<b>FIRST SEMESTER (fall)</b>			
PED 104 Walking for Fun and Fitness I	1	KINES General Credits	1
COU 101 Career Development	3	N/A	---
<b>SECOND SEMESTER (spring)</b>			
HEA 130 Healthful Living I	3	BB H 101 Introduction to Biobehavioral Health (GHA)	3
PED 204 Walking for Fun and Fitness II	1	KINES General Credits	1
<b>THIRD SEMESTER (fall)</b>			
CIS 101 Introduction to Computer Concepts (I)	3	CMPSC 100 Computer Fundamentals (IST 110/110S-Information, People, and Technology may be substituted)	3
SPH 141 Public Speaking (H)	3	CAS 100 Effective Speech (GWS) may be substituted	3
<b>FOURTH SEMESTER (spring)</b>			
MUS 122 Music Appreciation (H)	3	MUSIC 005 An Introduction to Western Music (GA)	3
SOC 101 Introduction to Sociology (SS)	3	SOC 001 Introductory Sociology (GS)	3
<b>FIFTH SEMESTER (fall)</b>			
EGL 101 Freshman Composition (E)	3	ENGL 015 Rhetoric and Composition (GWS)	3
HST 110 World History I (H) or HST 201 United States History I	3	HIST 010 World History I (GH;IL) or HIST 020 American Civilization to 1877 (GH;US)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SIXTH SEMESTER (spring)</b>			
EGL 102 Composition and Literature (H) or EGL 211 Technical Writing	3	ENGL 1 Understanding Literature (GH) or ENGL 202C Technical Writing (GWS)	3
HST 111 World History II (H)	3	HIST 011 World History II (GH;IL)	3
PSC 105 General Physical Science with Lab (SL)	4	Physical Science with Lab Requirement (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
<b>SEVENTH SEMESTER (fall)</b>			
PHI 101 Introduction to Philosophy	3	PHIL 001 Basic Problems of Philosophy (GH)	3
Social Science Elective or PSY 101 Introduction to Psychology or ECO 222 Economics-Macro or ECO 221 Economics-Micro or SOC 102 Social Problems or POS 101 Introduction to Political Science	3	GS Credit Requirement or PSYCH 100 Introductory Psychology (GS) or ECON 102- Introductory Microeconomic Analysis and Policy (GS) or ECON 104 Introductory Macroeconomic Analysis and Policy (GS) or SOC 005 Social Problems (GS) or PL SC 001-Introduction to American National Government (GS)	3
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4
MAT 127 Introduction to Statistics (M)	4	STAT 200 Elementary Statistics (GQ)	4
<b>EIGHTH SEMESTER (spring)</b>			
MAT 125 Applied Calculus (M) or MAT 201 Calculus I with Analytic Geometry (M) or MAT 202 Calculus II with Analytic Geometry (M)	4	MATH 110 –Techniques of Calculus I (GQ) or MATH 140 Calculus with Analytic Geometry I (GQ) or MATH 141 Calculus with Analytic Geometry II (GQ)	4
BIO 101 & 111 General Biology with Lab or BIO 200/210 Microbiology and Lab, or CHM 103 & 113 General Chemistry I with Lab, or PHY 181 Introductory College Physics I with Lab, or BIO 208 & BIO 218 Human Anatomy and Physiology I with Lab or PHY 217 General Calculus Physics I with Lab, or PHY 218 General Calculus Physics II with Lab	4	BIOL110 Basic Concepts and Biodiversity (GN) or MICRB 106/107 Introductory Microbiology and Lab or CHEM 110/111 Chemical Principles with Lab (GN) or PHYS 250 Introductory Physics I (GN), or BIOL 141/142 Introductory Physiology with Lab (GN), or PHYS 211 General Physics: Mechanics (GN), or PHYS 212 General Physics: Electricity and Magnetism (GN)	4
Concentration Elective	3-4	General Elective (with adviser and/or faculty approval)	3-4