



THE CITY UNIVERSITY OF NEW YORK ARTICULATION AGREEMENT

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: **Bronx Community College of the City University of New York**

Department: Engineering, Physics and Technology

Program: Cybersecurity and Networking

Degree: Associate in Applied Science

Receiving College: **CUNY School of Professional Studies**

Program: Applied Management and Entrepreneurship

Degree: Bachelor of Professional Studies

B. REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

(e.g., minimum GPA, audition/portfolio):

Applicants must possess a minimum GPA of 2.5 on a 4.0 scale.

Students must go to the CUNY.edu and complete a transfer application. Application Priority Deadlines are as follows:

- Spring Admissions: September 15
- Fall Admissions: February 1

A personal essay of at least 250 words is part of the application process. The BCC Office of Transfer Services is available to assist students with the application.

Progression through the program is based upon a student passing all BPS core and specialization courses with a minimum grade of C and an overall GPA of 2.0.

Transfer Credit Summary

Bronx Community College graduates with the Associate in Applied Science Degree in Cybersecurity and Networking will receive 60 credits toward the Bachelor of Professional Studies in Applied Management and Entrepreneurship at the CUNY School of Professional Studies.

Total transfer credits granted toward the baccalaureate degree: 60

Total additional credits required at the senior college to complete baccalaureate degree: 60

C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

CUNY Pathways General Education Requirements	
Required Common Core	Credits
A. English Composition (2 courses) B. Mathematical and Quantitative Reasoning (1 course) <i>MTH 28 College Algebra and Elementary Trigonometry</i> C. Life and Physical Sciences (1 course) <i>PHY 11 College Physics I</i>	13
Flexible Common Core	
D. Individual and Society (1 course) <i>COMM 11 Fundamentals of Interpersonal Communications</i> E. Scientific World (1 course) <i>PHY 12 College Physics II</i> ▪ Restricted Elective: Select one course from Areas A-E.	10
Subtotal	23

Major Requirements				
[Bronx Community College] Course & Title	Credit	[CUNY School of Professional Studies] Course & Title	Credit	Credit Granted
CSN 100 Introduction to Cybersecurity	3	IS 250 Computer and Network Security	3	3
CSN 105 Computer Hardware and Software	3	IS 200 Foundations of Information Systems	3	3
CSN 110 Network Fundamentals	3	IS 260 Networks and Business Data Communication	3	3
CSN 120 Network Switching and Routing	3	<i>Professional Foundation Course / Elective</i>	3	3
CSN 130 Network Operating Systems I	3	IS 205 IT Infrastructure and Support	3	3
CSN 132 Network Operating Systems II	3	<i>Professional Foundation Course / Elective</i>	3	3
CSN 140 Network Scripting	4	<i>Professional Foundation Course / Elective</i>	4	4
CSN 150 Cybersecurity	4	<i>Professional Foundation Course / Elective</i>	4	4
CSN 160 Ethical Hacking and Network Penetration Testing	3	<i>Professional Foundation Course / Elective</i>	3	3
CSN 170 Internet and Cloud Computing	3	<i>Professional Foundation Course / Elective</i>	3	3
CSN 190 Cybersecurity Project	1	<i>Professional Foundation Course / Elective</i>	1	1
Free Elective	1	<i>Elective Credit</i>	1	1
ART 10 Art Survey OR MUS 10 Music Survey	1	<i>Elective Credit</i>	1	1
FYS 11 First Year Seminar	1	<i>Elective Credit</i>	1	1
PEA Physical Education Activity Course	1	<i>Elective Credit</i>	1	1
Subtotal			37	

TOTAL	60
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D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

BACHELOR OF PROFESSIONAL STUDIES IN APPLIED MANAGEMENT AND ENTREPRENEURSHIP		Credits
<p>The BPS in Applied Management and Entrepreneurship online degree program prepares students for managerial or supervisory positions within their areas of expertise in a wide variety of fields such as information systems, accounting, engineering, tourism, healthcare, human services, graphic design, which benefit from knowledge and skills sets provided by a business education.</p> <p>Students of the program can also elect to specialize in entrepreneurship, paving the way for them to identify and conceptualize unique business ideas for an organization or their own enterprises.</p> <p>Progression through the program is based upon a student passing all BPS core and specialization courses with a minimum grade of C and an overall GPA of 2.0.</p>		
PATHWAYS / COLLEGE OPTION		
<p>BCC students will have to complete 9 credits from the following Pathways areas: B. U.S. Experience in its Diversity E. Scientific World BCC students will also have to complete 6 credits in the Pathways College Option from the following:</p> <ul style="list-style-type: none"> ▪ BUS 200 - Introduction to Business ▪ ECO 202 - Macroeconomics 		15
MAJOR REQUIREMENTS		
BUS 210 Business Mathematics ECO 201 Microeconomics BUS 310 Foundations of Business Statistics BUS 315 Principles of Marketing BUS 320 Principles of Management BUS 325 Principles of Management Information Systems BUS 335 Operations Management BUS 305 Accounting Fundamentals BUS 470 Strategic Management OR BUS 425 New Venture Creation		27
SPECIALIZATION ELECTIVES		
Management BUS 321 Human Resources ORGD 341 Organizational Behavior BUS 333 Corporate Finance Management Elective (Choose One Below) BUS 331 Global Business OR BUS 332 Electronic Commerce OR BUS 339 Sustainability and Green Business	Entrepreneurship BUS 340 Intro Small Business and Entrepreneurship BUS 341 Ideation and Innovations BUS 342 Entrepreneurial Finance Entrepreneurship Elective (Choose One Below) BUS 343 Social Entrepreneurship OR BUS 450 Technology Entrepreneurship OR BUS 460 Virtual Enterprise	12
FREE ELECTIVES		6
TOTAL		60