RCC Rockland Community College
STATE UNIVERSITY OF NEW YORK

JOHN JAY COLLEGE OF CRIMINAL JUSTICE

ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Rockland Community College (RCC)
Degree: Associate in Science (A.S.), Associate in Applied Science (A.A.S.)

Receiving College: John Jay College of Criminal Justice
Degree: Bachelor of Science (B.S.)

A1. RCC's Fire Science Technology A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

A2. RCC's Fire Protection Technology A.A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

A3. RCC's Fire Protection Technology A.A.S. to John Jay's Emergency Services Administration B.S. (Security, Fire, and Emergency Management Department)

A4. RCC's Corporate and Homeland Security A.S. to John Jay's Security Management B.S. (Security, Fire, and Emergency Management Department)

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- Grade of C or better in freshman composition, its equivalent, or a higher-level English course.
- Successful completion of a 3 credit college-level math course
- An Associate's degree in one of the programs indicated above and a minimum GPA of 2.0

Total transfer credits granted toward the baccalaureate degree: 62-65, as specified below

Total additional credits required at the senior college to complete baccalaureate degree: 55-58, as specified below

Total credits required for the John Jay baccalaureate degree: 120

C. TRANSFER CREDITS AWARDED

Rockland Community College (RCC) graduates who complete the Associate in Science (A.S.) degree in Fire Science Technology or Corporate and Homeland Security will receive 62-65 credits toward the Bachelor of Science (B.S.) degree in Fire Science or Security Management at John Jay College of Criminal Justice (John Jay) as indicated below.

Students completing the Associate in Applied Science (A.A.S.) in Fire Protection Technology or Emergency Management will receive 63 credits towards a Bachelor of Science (B.S.) degree in Fire Science or Emergency Services Administration at John Jay College of Criminal Justice (John Jay) as indicated below.

C1(a). A.S. Degree in Fire Science Technology (RCC)

Course #	Course Title	Credits Granted
ENG 101	College Writing I	3
FIR 101	Introduction to Fire Protection Technology	3
FIR 103	Principles of Building Construction	3
	Gen Ed Math Course	3
PSY 103	General Psychology	3
	Exercise and Human Performance	1
ENG 102	College Writing II	3
FIR 102	Introduction to Fire and Emergency Services Administration	3
FIR 202	Strategic and Tactical Consideration on the Fireground	3
SOC 100	Introduction to Sociology	3
SPE 101	Fundamentals of Speech	3
	Exercise and Human Performance	1
CHM 101	Inorganic Chemistry I	4
FIR 207	Legal Aspects of the Fire and Emergency Services	3
FIR	Elective Recommended: FIR 201 Fire Service Hydraulic Theory and Application	3
	Gen Ed Course Required	3+1
	Gen Ed Course Required	3
MCS 110/ BUS 110 **or** MCS/FIR 150	History of Multiculturalism in American Business **or** Multiculturalism in Fire Science	3
FIR	Elective Recommended: FIR 211 Investigation and Detection of Fire Incidents	3
FIR	Elective Recommended: FIR 204 Fire Safety and	3

	Building Codes	
FIR	Elective Recommended: FIR 203 Fire Protection and Detection Systems	3
	Gen Ed Course Required	3
	Exercise and Human Performance	1
	Total Credits Eligible for Transfer	**64**

C1(b). Additional credits required for B.S. Degree in Fire Science (John Jay)

Course #	Course Title	Credits
PHY 101 or PHY 203	College Physics I or General Physics I	4
FIS 210	Fire Safety Administration	3
FIS 257	Fire Dynamics	3
FIS 319	Hazard Identification and Mitigation	3
FIS 330	Building Construction and Life Safety Systems II (can be fulfilled by FIR 204 at RCC)	0-3
FIS 401	Seminar in Fire Protection Problems	3
SELECT 3: FIS 106 FIS 202 FIS 207 FIS/MAT/ PSC 220 FIS 303	 Safety Engineering Fire Protection Systems (can be fulfilled by FIR 203 at RCC) Water-based Fire Suppression Systems Survey of the Concepts of Operations Research Fire Investigations (can be fulfilled by FIR 211 at RCC)	3-9
College Option	300 Justice Core	3
College Option	Learning from the Past or Communications (may be fulfilled by SPE 101 at RCC)	0-3
	Subtotal	19-33
	Minor or electives (to reach 120 credits required)	21-37
	Total Transfer Credits Applied to Program	**64-65**
	Total Credits Required after Transfer	**55-56**
	Total Credits Required for Degree	**120**

C2(a). A.A.S. Degree in Fire Protection Technology (RCC)

Course #	Course Title	Credits Granted
ENG 101	College Writing I	3
FIR 101	Introduction to Fire Protection Technology	3
FIR 103	Principles of Building Construction	3
PSY 103	General Psychology	3
MAT 103	Contemporary Mathematics	3
	Exercise and Human Performance	1
ENG 102	College Writing II	3
FIR 102	Introduction to Fire and Emergency Services Administration	3
FIR	Fire Elective Recommended: FIR 201 Fire Service Hydraulic Theory and Application	3
FIR 202	Strategic and Tactical Consideration on the Fireground	3
MCS 101 or MCS/FIR 150	Intro to Multiculturalism **or** Multiculturalism in Fire Science	3
SPE 101	Fundamentals of Speech	3
POL 101	Principles of American Government: National	3
SOC 100	Introduction to Sociology	3
FIR	Elective Recommended FIR 203 Fire Protection and Detection Systems	3
FIR	Elective Recommended FIR 204 Fire Safety and Building Codes	3
FIR	Elective Recommended FIR 211 Investigation and Detection of Fire Incidents	3
	Exercise and Human Performance	1
CSP	Elective Recommended CSP 105 Computers in Science	3
FIR	Elective	3
FIR	Elective	3
FIR	Elective	3
	Natural Science Gen Ed Course Required Recommended: PHY 102 General Physics I	
	Exercise and Human Performance	1
	Total Credits Eligible for Transfer	**63**

C2(b). B.S. Degree in Fire Science (John Jay)

Course #	Course Title	Credits
PHY 101 or PHY 203	College Physics I or General Physics I (can be fulfilled by PHY 101 at RCC)	0-4
FIS 210	Fire Safety Administration	3
FIS 257	Fire Dynamics	3
FIS 319	Hazard Identification and Mitigation	3
FIS 330	Building Construction and Life Safety Systems II (can be fulfilled by FIR 204 at RCC)	0-3
FIS 401	Seminar in Fire Protection Problems	3
SELECT 0-3: FIS 106 FIS 202 FIS 207 FIS/ MAT/ PSC 220 FIS 303	 Safety Engineering Fire Protection Systems (can be fulfilled by FIR 203 at RCC) Water-based Fire Suppression Systems Survey of the Concepts of Operations Research Fire Investigations (can be fulfilled by FIR 211 at RCC)	3-9
College Option	Learning from the Past or Communications (can be fulfilled by SPE 101 at RCC)	0-3
College Option	300 Justice Core	3
Flexible Core	World Cultures and Global Issues	3
Flexible Core	Creative Expression	3
Flexible Core	Scientific World (can be fulfilled by PHY 102 at RCC)	0-3
	Subtotal	24-43
	Minor or electives (to reach 120 credits required)	14-33
	Total Transfer Credits Applied to Program	**63**
	Total Credits Required after Transfer	**57**
	Total Credits Required for Degree	**120**

C3(a). A.A.S. Degree in Emergency Management (RCC)

Course #	Course Title	Credits Granted
ENG 101	College Writing I	3
	Gen Ed Math Course	3
	Natural Science Gen Ed Course Required Recommended BIO, CHM, or PHY	3
CHS 101	Introduction to Homeland and Corporate Security	3
EMG 101	Intro to Emergency Management	3
	Exercise and Human Performance	1
ENG 102	College Writing II	3
CHS 102	Critical Infrastructure and Key Resource Protection	3
EMG 102	Emergency Response Planning	3
EMG 103	Emergency Management Leadership	3
SPE 101	Fundamentals of Speech	3
CRJ 209	Terrorism and Homeland Security	3
EMG 201	Emergency Response – All Hazards	3
EMG 202	Incident Command Systems	3
EMG 204	Weapons of Mass Destruction	3
POL 101	Principles of American Government: National	3
	Exercise and Human Performance	1
CSP 101	Computer Concepts and Application	3
EMG 203	Emergency Exercise and Design	3
EMG 205	Special Topics in Emergency Management	3
MCS 101	Introduction to Multicultural Studies	3
SOC 100	Introduction to Sociology	3
	Exercise and Human Performance	1
	Total Credits Eligible for Transfer	**63**

C3(b). B.S. Degree in Emergency Services Administration (John Jay)

Course #	Course Title	Credits
ESA 225	Responder Health, Protection and Safety	3
FIS 104	Risk Management	3
PAD 101	Introduction to Public Administration	3
PAD 318	Decisions in Crises	3
FIS 401	Seminar in Fire Protection Problems	3
Take FOUR Courses within ONE Specialization of your choice.	Specializations: Fire Service OR Emergency Medical Services OR Emergency Management *See notes below for courses in each specialization	12
College Option	Learning from the Past or Communications (may be fulfilled by SPE 101 at RCC)	0-3
College Option	300 Justice Core	3
Flexible Core	World Cultures and Global Issues	3
Flexible Core	Scientific World	3
Flexible Core	Creative Expression	3
Flexible Core	U.S Experience in Its Diversity	3
	Subtotal	42-45
	Minor or electives (to reach 120 credits required)	3-6
	Total Transfer Credits Applied to Program	**63**
	Total Credits Required after Transfer	**57**
	Total Credits Required for Degree	**120**

*Students must choose one out of the three specializations. Course credits range depending on specialization chosen. Please see below for the courses offered within each specialization.

A.) Fire Service Specialization (15 credits):
FIS 101 Introduction to Fire Science, FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy, FIS 210 Fire Safety Administration, FIS 230 Building Construction and Life Safety Systems, FIS 303 Fire Investigations, FIS 319 Hazard Identification and Mitigation, FIS 350 Management Applications in Fire Protection, FIS 385 Faculty Mentored Research Experience in Fire Science, ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents, SEC 378 Security Management Internship

B.) Emergency Medical Services Specialization (15 credits):
ESA 114 Introduction to Emergency Medical Services, ESA 227 Emergency Dispatch and Communications, ESA 355 Geographic Information Systems for Emergency Services, ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents, FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy, FIS 350 Management Applications in Fire Protection, SEC 378 Security Management Internship

C.) Emergency Management Specialization (15 credits)
FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy, FIS 319 Hazard Identification and Mitigation, ESA 227 Emergency Dispatch and Communications, ESA 355 Geographic Information Systems for Emergency Services, ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents, SEC 378 Security Management Internship

C4(a). A.S. Degree in Corporate and Homeland Security (RCC)

Course #	Course Title	Credits Granted
ENG 101	College Writing I	3
CHS 101	Introduction to Homeland and Corporate Security	3
	Math Gen Ed Course	3
MGT 150	Principles of Management	4
	Science General Education course Required	3
	Exercise and Human Performance	1
ENG 102	College Writing II	3
CHS 102	Critical Infrastructure and Key Resource Protection	3
MCS 226/CRJ 226	Multicultural Law Enforcement	3
PSY 103	General Psychology	3
SPE 101	Fundamentals of Speech	3
CHS 103	Corporate Asset Protection and Safety	3
MAT 125	Statistics	4
PHL 203 or PHL 260/BUS 260	Ethics: Human Values and Conduct or Ethics in Business	3
	Foreign Language Gen Ed Course Required	4
	Exercise and Human Performance	1
CHS 201	Investigations in Homeland and Corporate Security	3
CHS 202	Intelligence Gathering, Analysis, and Protection	3
CRJ 209	Terrorism and Homeland Security	3
SOC 100	Introduction to Sociology	3
	Exercise and Human Performance	1
	Gen Ed Elective (American History, The Arts, Other Worlds, or Western Civilization)	3
	Total Credits Eligible for Transfer	**62**

C4(b). B.S. Degree in Security Management (John Jay)

Course #	Course Title	Credits
SEC 211	Security Management	3
SEC 270/CSCI 270	Security of Computers and Their Data	3
SEC 315	Private Security and the Law	3
SEC 320	Private Security: Trends and Movements	3
SEC 378	Security Management Internship	3
SEC 405	Seminar in Security Problems	3
Select 1 Course in Category A and 1 Course in Category B	Category A: Security and Risk Management Category B: Industrial, Commercial, Retail *See notes below for courses in each specialization	6
College Option	300 Justice Core	3
College Option	Learning from the Past or Communications (can be fulfilled by SPE 101 at RCC)	0-3
	Subtotal	
	Minor or Electives (to reach 120 credits)	28-31
	Total Transfer Credits Applied to Program	**62**
	Total Credits Required after Transfer	**58**
	Total Credits Required for Degree	**120**

*Choose 1 Course in Each Category

A.) Security and Risk Management Category:
FIS 104 Risk Management, FIS 106 Safety Engineering, SEC 310 Emergency Planning, SEC 327 Risk and Vulnerability Analysis, SEC 380 Selected Topics in Security Management

B.) Industrial, Commercial, and Retail Category:
ENG 235 Writing for Management, Business and Public Administration, SEC 342 Energy Industry Security, SEC 344 Introduction to Executive and Event Protection, SEC 346 Retail and Commercial Security, SEC 348 Security and Safety for Financial Institutions, SEC 350 Security in Art Museums and Cultural Institutions, SEC 380 Selected Topics in Security Management

D. SUMMARY OF TRANSFER CREDITS FROM RCC AND CREDITS TO BE COMPLETED AT JOHN JAY

D1. RCC's Fire Science Technology A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

B.S. in Fire Science	Total Credits for the Baccalaureate	Transfer Credits from RCC	Credits to be Completed at John Jay
General Education Requirements	42	36	6
Major Requirements	37	9-18	19-28
Electives	41	10-20	22-31
Total	120	64	56

D2. RCC's Fire Protection Technology A.A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

B.S. in Fire Science	Total Credits for the Baccalaureate	Transfer Credits from RCC	Credits to be Completed at John Jay
General Education Requirements	42	26-30	12-16
Major Requirements	37	13-22	15-24
Electives	41	11-24	17-30
Total	120	63	57

D3. RCC's Fire Protection Technology A.A.S. to John Jay's Emergency Services Administration B.S. (Security, Fire, and Emergency Management Department)

B.S. in Emergency Services Administration	Total Credits for the Baccalaureate	Transfer Credits from RCC	Credits to be Completed at John Jay
General Education Requirements	42	27	15
Major Requirements	36	9	27
Electives	42	27	15
Total	120	63	57

D4. RCC's Corporate and Homeland Security A.S. to John Jay's Security Management B.S. (Security, Fire, and Emergency Management Department)

B.S. in Security Management	Total Credits for the Baccalaureate	Transfer Credits from RCC	Credits to be Completed at John Jay
General Education Requirements	42	36	6
Major Requirements	39	15	24
Electives	39	11	28

Total	**120**	**62**	**58**

E. COURSE EQUIVALENCIES

RCC Course	John Jay Course / Requirement
CHM 101 – Inorganic Chemistry I	CHE 103 – General Chemistry
CHS 101 – Introduction to Homeland and Corporate Security	SEC 101 – Introduction to Security
CHS 102 – Critical Infrastructure and Key Resource Protection	SEC 323 – Private Security and Homeland Defense
CHS 103 – Corporate Asset Protection and Safety	SEC 210 – Methods of Security
CHS 201 – Investigations in Homeland and Corporate Security	SEC 352 – Security Investigations and Consulting
CHS 202 – Intelligence Gathering, Analysis, and Protection	SEC 329 – Security, Risk, and Technology
CSP 105 – Computers in Science	CSCI 171 – The Nature of Computing
EMG 101 – Introduction to Emergency Management	ESA 101 – Introduction to Emergency Management
EMG 102 – Emergency Response Planning	SEC 310 – Emergency Planning
EMG 202 – Incident Command Systems	ESA 215 – Emergency Incident Management
ENG 101 – College Writing I	ENG 101 – Composition I
ENG 102 – College Writing II	ENG 201 – Composition II
FIR 101 – Introduction to Fire Protection Technology	FIS 101 – Introduction to Fire Science
FIR 102 – Introduction to Fire and Emergency Services Administration	FIS 350 – Management Applications in Fire Protection
FIR 103 – Principles of Building Construction	FIS 230 – Building Construction and Life Safety Systems I
FIR 201 – Fire Service Hydraulic Theory and Application	FIS 205 – Fire Service Hydraulics
FIR 203 – Fire Protection and Detection Systems	FIS 202 – Fire Protection Systems
FIR 204 – Fire Safety and Building Codes	FIS 330 – Building Construction and Life Safety Systems II
FIR 211 – Investigation and Detection of Fire Incidents	FIS 303 – Fire Investigations
MAT 125 – Statistics	STA 250 – Statistics
MAT 134 – College Algebra	MAT 105 – College Algebra
MAT 135 – Pre-calculus	MAT 141 – Pre-calculus
MGT 150 – Principles of Management	PAD 121 – Information in Public Management
PHL 203 – Ethics: Human Values and Conduct	PHI 102 – Ethical Foundations in Just Society

PHY 101 – General Physics I	PHY 101 -- Liberal Arts Physics I
PHY 102 – General Physics II	PHY 102 – Liberal Arts Physics II
POL 101 – Principles of American Government: National	POL 101 – American Government and Politics
PSY 103 – General Psychology	PSY 101 – Introduction to Psychology
SOC 100 – Introduction to Sociology	SOC 101 – Introduction to Sociology
SPE 101- Fundamentals of Speech	COM 113 – Oral Communication

F. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

When either of the degree programs involved in this agreement undergoes a change, the agreement will be reviewed and revised accordingly by representatives from each institution's respective departments, selected by their chairpersons/program directors.

2. Procedures for evaluating agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:

Each semester John Jay will provide RCC with the following information: a) the number of RCC students who applied to the program; b) the number of RCC students who were accepted into the program; c) the number of RCC students who enrolled; and d) the aggregate GPA of these enrolled students.

3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:

This articulation agreement will be publicized on the RCC website, and on John Jay's website. Transfer advisors at RCC will promote this agreement with eligible students.

Effective Date: Fall 2018

Rockland Community College

Dr. Susan Deer — Date 6/17/19
Provost and Executive Vice President

Dr. Kristie deRuiter — Date 4/22/19
Department Chairperson
Business, Social and Behavioral Sciences,
Professional and Public Services

Dr. Kevin Barrett — Date 6/13/19
Department Chairperson
Criminal Justice

John Jay College of Criminal Justice

Dr. Yi Li — Date 8/28/18
Provost and Vice President for
Academic Affairs

Dr. Robert Till — Date
Interim Department Chairperson
Security, Fire, and Emergency Management

Appendix A1– RCC's Fire Science Technology A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

Rockland Community College **A.S Fire Science Technology**					John Jay College of Criminal Justice (CUNY) **B.S. Fire Science**				
Course #	**Course Title**	**Gen Ed**		**Credits Granted**	**Course #**	**Equivalent Course Title**	**Gen Ed**		**Credits Accepted**
	FIRST SEMESTER								
ENG 101	College Writing I			3	ENG 101	Composition I	Fulfilled		3
FIR 101	Introduction to Fire Protection Technology			3	FIS 101	Introduction to Fire Science	By		3
FIR 103	Principles of Building Construction			3	FIS 230	Building Construction and Life Safety Systems I	AS		3
	Gen Ed math course			3		Equivalent Course or Blanket Credit	Degree		
PSY 103	General Psychology			3	PSY 101	Introduction to Psychology	Except		3
	Exercise and Human Performance			1	PED	Blanket Credit	6 credits		1
	SECOND SEMESTER								
ENG 102	College Writing II			3	ENG 201	Composition II	option		3
FIR 102	Introduction to Fire and Emergency Services Administration			3	FIS 350	Management Applications in Fire Protection	(Listed		
FIR 202	Strategic and Tactical Consideration on the Fireground			3	FIS	Blanket Credit			3
SOC 100	Introduction to Sociology			3	SOC 101	Intro to Sociology	Below)		3
SPE 101	Fundamentals of Speech			3	COM 113	Oral Communication			3
	Exercise and Human Performance			1	PED	Blanket Credit			1
	THIRD SEMESTER								
CHM 101	Inorganic Chemistry I			4	CHE 103	General Chemistry			4
FIR 207	Legal Aspects of the Fire and Emergency Services			3	FIS	Blanket Credit			3
FIR	Elective Recommended: FIR 201 Fire Service Hydraulic Theory and Application			3	FIS 205	Fire Service Hydraulics			3
	Gen Ed Course Required			3+1		Equivalent Course or Blanket Credit			4
	Gen Ed Course Required			3		Equivalent Course or Blanket Credit			3
	FOURTH SEMESTER								
MCS 110/ BUS 110 **or** MCS/FIR 150	History of Multiculturalism in American Business **or** Multiculturalism in Fire Science			3	BUS	Blanket Credit			3
FIR	Elective Recommended: FIR 211 Investigation and Detection of Fire Incidents			3	FIS 303	Fire Investigations			3
FIR	Elective Recommended: FIR 204 Fire Safety and Building Codes			3	FIS 330	Building Construction and Life Safety Systems II			3
FIR	Elective Recommended: FIR 203 Fire Protection and Detection Systems			3	FIS 202	Fire Protection Systems			3
	Gen Ed Course Required			3		Equivalent Course or Blanket Credit			3
	Exercise and Human Performance			1	PED	Blanket Credit			1
					Additional Required Gen Ed, Major & Elective Courses at John Jay				
					College Option	300 Justice Core	Gen Ed		3
					College Option	Learning from the Past or Communications			3
					PHY 101 or PHY 203	College Physics I or General Physics I			4
					FIS 210	Fire Safety Administration			3
					FIS 257	Fire Dynamics			3
					FIS 319	Hazard Identification and Mitigation			3
					FIS 330	Building Construction and Life Safety Systems II (can be fulfilled by FIR 204 at RCC)			0-3
					FIS 401	Seminar in Fire Protection Problems			3
					SELECT 3: FIS 106	Safety Engineering			3-9

						FIS 202 FIS 207 FIS/MAT/PSC 220 FIS 303	Fire Protection Systems (can be fulfilled by FIR 203 at RCC) Water-based Fire Suppression Systems Survey of the Concepts of Operations Research Fire Investigations (can be fulfilled by FIR 211 at RCC)			
									Gen Ed Subtotal	6
									Major Subtotal	19-28
							Electives (to reach 120 credits required)			22-31
			Total Credits Eligible for Transfer	64						
							Total Transfer Credits Applied to Program			64
							Total Credits Required after Transfer			56
							Total Credits Required for Degree			120

Appendix A2 – RCC's Fire Protection Technology A.A.S. to John Jay's Fire Science B.S. (Security, Fire, and Emergency Management Department)

Rockland Community College **A.A.S Fire Protection Technology**					John Jay College of Criminal Justice (CUNY) **B.S. Fire Science**				
Course #	**Course Title**	**Gen Ed**		**Credits Granted**	**Course #**	**Equivalent Course Title**	**Gen Ed**		**Credits Accepted**
	FIRST SEMESTER								
ENG 101	College Writing I			3	ENG 101	Composition I	RC: EC		3
FIR 101	Introduction to Fire Protection Technology			3	FIS 101	Introduction to Fire Science			3
FIR 103	Principles of Building Construction			3	FIS 230	Building Construction and Life Safety Systems I			3
PSY 103	General Psychology			3	PSY 101	Introduction to Psychology	FC: I&S		3
MAT 103	Contemporary Mathematics			3	MAT	Blanket Credit	RC: M&Q		3
	Exercise and Human Performance			1	PED	Blanket Credit			1
	SECOND SEMESTER								
ENG 102	College Writing II			3	ENG 201	Composition II	RC: EC		3
FIR 102	Introduction to Fire and Emergency Services Administration			3	FIS 350	Management Applications in Fire Protection			3
FIR	Fire Elective Recommended: FIR 201 Fire Service Hydraulic Theory and Application			3	FIS 205	Fire Service Hydraulics			3
FIR 202	Strategic and Tactical Consideration on the Fireground			3	FIS	Blanket Credit			3
MCS 101 or MCS/FIR 150	Intro to Multiculturalism **or** Multiculturalism in Fire Science			3	ELEC	Elective Credit			
SPE 101	Fundamentals of Speech			3	COM 113	Oral Communication	College Option: COM		3
	THIRD SEMESTER								
POL 101	Principles of American Government: National			3	POL 101	American Government & Politics	FC: U.S. ID		3
SOC 100	Introduction to Sociology			3	SOC 101	Intro to Sociology	FC: I&S		3
FIR	Elective Recommended FIR 203 Fire Protection and Detection Systems			3	FIS 202	Fire Protection Systems			3
FIR	Elective Recommended FIR 204 Fire Safety and Building Codes			3	FIS 330	Building Construction and Life Safety Systems II			3
FIR	Elective Recommended FIR 211 Investigation and Detection of Fire Incidents			3	FIS 303	Fire Investigations			3
	Exercise and Human Performance			1	PED	Blanket Credit			1
	FOURTH SEMESTER								
CSP	Elective Recommended CSP 105 Computers in Science			3	CSCI 171	The Nature of Computing	FC: SW		3
FIR	Elective			3	FIS	FIS Blanket			3
FIR	Elective			3	FIS	FIS Blanket			3
FIR	Elective			3	FIS	FIS Blanket			3
	Natural Science Gen Ed Course Required Recommended: PHY 101 General Physics I				PHY 101	Liberal Arts Physics I	RC: LPS		3
	Exercise and Human Performance			1	ELEC	Elective Credit			1
					Additional Required Gen Ed, Major & Elective Courses at John Jay				
					College Option	Learning from the Past or Communications	CO: LFtP / COM		3
					College Option	300 Justice Core	CO: 300 JC		3
					Flexible Core	World Cultures and Global Issues	FC:WC		3

						Flexible Core	Creative Expression	FC:CE		3
						PHY 101 or PHY 203	College Physics I or General Physics I (can be fulfilled by PHY 101 at RCC)	FC:SW		0-4
						FIS 210	Fire Safety Administration			3
						FIS 257	Fire Dynamics			3
						FIS 319	Hazard Identification and Mitigation			3
						FIS 330	Building Construction and Life Safety Systems II (can be fulfilled by FIR 204 at RCC)			0-3
						FIS 401	Seminar in Fire Protection Problems			3
						SELECT 0-3: FIS 106 FIS 202 FIS 207 FIS/MAT/PSC 220 FIS 303	 Safety Engineering Fire Protection Systems (can be fulfilled by FIR 203 at RCC) Water-based Fire Suppression Systems Survey of the Concepts of Operations Research Fire Investigations (can be fulfilled by FIR 211 at RCC)			3-9
									Gen Ed Subtotal	12-16
									Major Subtotal	15-24
							Electives (to reach 120 credits required)			17-30
				Total Credits Eligible for Transfer	63				Total Transfer Credits Applied to Program	63
									Total Credits Required after Transfer	57
									Total Credits Required for Degree	**120**

Appendix A3 – RCC's Emergency Management A.A.S. to John Jay's Emergency Services Administration B.S. (Security, Fire, and Emergency Management Department)

Rockland Community College **A.A.S Emergency Management**					John Jay College of Criminal Justice (CUNY) **B.S. Emergency Services Administration**				
Course #	**Course Title**	**Gen Ed**		**Credits Granted**	**Course #**	**Equivalent Course Title**	**Gen Ed**		**Credits Accepted**
	FIRST SEMESTER								
ENG 101	College Writing I			3	ENG 101	Composition I	RC:EC		3
	Gen Ed math Course			4	MAT	Equivalent Course or Blanket Credit	RC: M&QR		3 +1 bl
	Natural Science Gen Ed Course Required Recommended BIO, CHM, or PHY			3	Gen Ed	Gen Ed Course that Fulfills Life & Physical Sciences	RC: LPS		3
CHS 101	Introduction to Homeland and Corporate Security			3	SEC	SEC 101 Intro to Security			3
EMG 101	Intro to Emergency Management			3	ESA 101	Introduction to Emergency Management			3
	Exercise and Human Performance			1	PED	Blanket Credit			1
	SECOND SEMESTER								
ENG 102	College Writing II			3	ENG 201	Composition II	RC:EC		3
CHS 102	Critical Infrastructure and Key Resource Protection			3	SEC	Blanket Credit			3
EMG 102	Emergency Response Planning			3	SEC 310	Emergency Planning			3
EMG 103	Emergency Management Leadership			3	ESA	Blanket Credit			3
SPE 101	Fundamentals of Speech			3	COM 113	Oral Communication	CO: COM		3
	THIRD SEMESTER								
CRJ 209	Terrorism and Homeland Security			3	SEC	Blanket Credit			3
EMG 201	Emergency Response – All Hazards			3	ESA	Blanket Credit			3
EMG 202	Incident Command Systems			3	ESA 215	Emergency Incident Management			3
EMG 204	Weapons of Mass Destruction			3	ESA	Blanket Credit			3
POL 101	Principles of American Government: National			3	POL 101	American Government & Politics	FC: US		3
	Exercise and Human Performance			1	PED	Blanket Credit			1
	FOURTH SEMESTER								
CSP 101	Computer Concepts and Application			3	CSCI	Blanket Credit			3
EMG 203	Emergency Exercise and Design			3	ESA	Blanket Credit			3
EMG 205	Special Topics in Emergency Management			3	FIS	Blanket Credit			3
MCS 101	Introduction to Multicultural Studies			3	ELEC	Elective Blanket			3
SOC 100	Introduction to Sociology			3	SOC 101	Intro to Sociology	FC:I&S		3
	Exercise and Human Performance			1	ELEC	Elective Credit			1
					Additional Required Gen Ed, Major & Elective Courses at John Jay				
					College Option	Learning from the Past or Communications	CO: LFtP or COM		3
					College Option	300 Justice Core	CO: 300 JC		3
					Flexible Core	World Cultures and Global Issues	FC:WC		3
					Flexible Core	Scientific World	FC:SW		3
					Flexible Core	Creative Expression	FC:CE		3
					Flexible Core	6th flexible core course in any category	FC: any		
					ESA 225	Responder Health, Protection and Safety			3
					FIS 104	Risk Management			3
					PAD 101	Introduction to Public Administration			3
					PAD 318	Decisions in Crises			3
					FIS 401	Seminar in Fire Protection Problems			3
					Take FOUR Courses within **ONE** Specialization of your choice.	**Specializations:** Fire Service OR Emergency Medical Services OR Emergency Management *See notes below for courses in each specialization			15
								Gen Ed Subtotal	15
								Subtotal for	30

									Major	
						Electives (to reach 120 credits required)				12
		Total Credits Eligible for Transfer		63		Total Transfer Credits Applied to Program				63
						Total Credits Required after Transfer				57
						Total Credits Required for Degree				120

***Students must choose one out of the three specializations.**
***Course credits range depending on specialization chosen. Please see below for the courses offered within each specialization.**

Fire Service Specialization (15 CREDITS)

FIS 101	Introduction to Fire Science	3
FIS 209	Analysis of Urban Hazardous Materials, Tactics and Strategy	3
FIS 210	Fire Safety Administration	3
FIS 230	Building Construction and Life Safety Systems I	3
FIS 303	Fire Investigations	3
FIS 319	Hazard Identification and Mitigation	3
FIS 350	Management Applications in Fire Protection	3
FIS 385	Faculty Mentored Research Experience in Fire Science	3
ESA 3XX	Response to Large Scale Disasters and Mass Casualty Incidents	3
SEC 378	Security Management Internship	3

Emergency Medical Services Specialization (15 CREDITS)

ESA 114	Introduction to Emergency Medical Services	3
ESA 227	Emergency Dispatch and Communications	3
ESA 355	Geographic Information Systems for Emergency Services	3
ESA 3XX	Response to Large Scale Disasters and Mass Casualty Incidents	3
FIS 209	Analysis of Urban Hazardous Materials, Tactics and Strategy	3
FIS 350	Management Applications in Fire Protection	3
SEC 378	Security Management Internship	3

Emergency Management Specialization (15 CREDITS)

FIS 209	Analysis of Urban Hazardous Materials, Tactics and Strategy	3
FIS 319	Hazard Identification and Mitigation	3
ESA 227	Emergency Dispatch and Communications	3
ESA 355	Geographic Information Systems for Emergency Services	3
ESA 3XX	Response to Large Scale Disasters and Mass Casualty Incidents	3
SEC 378	Security Management Internship	3

Appendix A4 – RCC's Corporate and Homeland Security A.S. to John Jay's Security Management B.S. (Security, Fire, and Emergency Management Department)

Rockland Community College **A.S Corporate and Homeland Security**					John Jay College of Criminal Justice (CUNY) **B.S. Security Management**				
Course #	**Course Title**	**Gen Ed**		**Credits Granted**	**Course #**	**Equivalent Course Title**	**Gen Ed**		**Credits Accepted**
	FIRST SEMESTER								
ENG 101	College Writing I			3	ENG 101	Composition I	Fulfilled		3
CHS 101	Introduction to Homeland and Corporate Security			3	SEC 101	Introduction to Security	By		3
	Math Gen Ed course			3	MAT	Equivalent Course or Blanket Credit	AS		3+1 bl
MGT 150	Principles of Management			4	PAD 121	Information in Public Management	Degree		3
	Science General Education course Required			3		Elective Course or Blanket Credit	Except		3
	Exercise and Human Performance			1	PED	Blanket Credit	6 credits		1
	SECOND SEMESTER								
ENG 102	College Writing II			3	ENG 201	Composition II	option		3
CHS 102	Critical Infrastructure and Key Resource Protection			3	SEC 323	Private Security and Homeland Defense	(Listed		
MCS 226/CRJ 226	Multicultural Law Enforcement			3	LAW or PSC	Blanket Credit			3
PSY 103	General Psychology			3	PSY 101	Introduction to Psychology	Below)		3
SPE 101	Fundamentals of Speech			3	COM 113	Oral Communication			3
	THIRD SEMESTER								
CHS 103	Corporate Asset Protection and Safety			3	SEC 210	Methods of Security			4
MAT 125	Statistics			4	STA 250	Statistics			3 +1 bl
PHL 203 or PHL 260/BUS 260	Ethics: Human Values and Conduct or Ethics in Business			3	PHI 102 or PHI	Ethical Foundations in Just Society or Blanket Credit			3
	Foreign Language Gen Ed Course Required			4		Equivalent Course or Blanket Credit			4
	Exercise and Human Performance			1	PED	Blanket Credit			1
	FOURTH SEMESTER								
CHS 201	Investigations in Homeland and Corporate Security			3	SEC 352	Security Investigations and Consulting			3
CHS 202	Intelligence Gathering, Analysis, and Protection			3	SEC 329	Security, Risk and Technology			3
CRJ 209	Terrorism and Homeland Security			3	SEC	Blanket Credit			3
SOC 100	Introduction to Sociology			3	SOC 101	Intro to Sociology			3
	Exercise and Human Performance			1	PED	Blanket Credit			3
	Gen Ed Elective (American History, The Arts, Other Worlds, or Western Civilization)			3		Equivalent Course or Blanket Credit			1
					Additional Required Gen Ed, Major & Elective Courses at John Jay				
					College Option	300 Justice Core	Gen Ed		3
					College Option	Learning from the Past or Communications	Gen Ed		3
					SEC 211	Security Management			3
					SEC 270/CSCI 270	Security of Computers and Their Data			3
					SEC 315	Private Security and the Law			3
					SEC 320	Private Security: Trends and Movements			3
					SEC 378	Security Management Internship			3
					SEC 405	Seminar in Security Problems			3
					*Select 1 Course in Category A and 1 Course in Category B	Category A: Security and Risk Management Category B: Industrial, Commercial, Retail			6
								Major Sub.	24
						Electives (to reach 120 credits required)			28
	Total Credits Eligible for Transfer			62		Total Transfer Credits Applied to Program			62
						Total Credits Required after Transfer			58

Total Credits Required for Degree	120

***Choose 1 Course in Each Category**

Category A: Security and Risk Management:

FIS 104	Risk Management	3
FIS 106	Safety Engineering	3
SEC 310	Emergency Planning	3
SEC 327	Risk and Vulnerability Analysis	3
SEC 380	Selected Topics in Security Management	3

Category B: Industrial, Commercial, Retail

ENG 235	Writing for Management, Business and Public Administration	3
SEC 342	Energy Industry Security	3
SEC 344	Introduction to Executive and Event Protection	3
SEC 346	Retail and Commercial Security	3
SEC 348	Security and Safety for Financial Institutions	3
SEC 350	Security in Art Museums and Cultural Institutions	3
SEC 380	Selected Topics in Security Management	3