



Applied Associate of Science Information Technology: Cybersecurity to Bachelor of Science National Security Studies

Mercer AAS - Information Technology: Cybersecurity

NJCU BS - National Security Studies

COURSE NUMBER	COURSE NAME	CREDITS		COURSE NUMBER	COURSE NAME	CREDITS
First Semester						
ENG101	English Composition	3	=	ENGL101	English Composition I	3
NET102	Intro to PC H-ware and S-ware	3	=	CS101	Computer Science I	3
NET104	Fund. of Computer Networks	3	=	CS410	Telecommunications & Networks	3
NET120	Windows Desktop OS Admin	3	=	CS 206	Concepts of Operating Systems	3
IST105	Info Security Concepts and Princ.	3	=	SECU151	Security Systems & Design	3
Second Semester						
ENG102	English Composition II	3	=	ENGL102	English Composition II	3
MAT115	Algebra and Trigonometry	3	=	MATH112	Intermediate Algebra	3
NET103	IT Essentials	3	=	CS1XX	Computer Elective Credits	3
NET122	Windows Server OS Administration	3	=	SECU2XX	Cybersecurity Major Elective Credits	3
NET130	Routing and Switching Essentials	3	=	SECU2XX	Cybersecurity Major Elective Credits	3
Third Semester						
CMN111 or CMN112	Speech: Human Communication Public Speaking	3	=	ENGL147	Effective Speaking	3
NET212	Introduction to Linux	3	=	CS407	Introduction to Unix/Linux System Administration & Shell Programming	3
NET230	Scaling Networks	3	=	CS2XX	Computer Elective Credits	3
NET240	Network Security	3	=	SECU 309	Intro to Comp & Network Security	3
NET241	Cyber Security Analytics	3	=	SECU 222	Computer Security I	3
Fourth Semester						
BUS230	Global Environment of Business	3	=	MGMT241	Global Business	3
IST110	Introduction to Python	3	=	CS 252	Computer Programming	3
NET244	Network Defense and Countermeasures	3	=	SECU2XX	Cybersecurity Major Elective Credits	3
NET245	Ethical Hacking	3	=	SECU340	Ethical Hacking I	3
PHI204	Ethics	3	=	PHIL125	Ethics	3

Total Credits - 60

General Education Waived

Remaining NJCU Courses

COURSES

General Education Requirements

- Written Communication
- Quantitative Knowledge
- Oral Communication
- Scientific Knowledge and Reasoning
- Technical Competency and/or Information Literacy
- Society and Human Behavior
- Humanistic Perspectives
- Historical Perspectives
- Global and Cultural Awareness
- Civic Engagement
- Capstone

CREDITS

9-10

- 0 -Satisfied from Transfer (ENGL101 and ENGL102)
- 0 -Satisfied from Transfer (MATH112)
- 0 -Satisfied from Transfer (ENGL147)
- 3-4
- 0 -Satisfied from Transfer (CS101)
- 0 -Satisfied from Transfer (ECON207)
- 0 -Satisfied from Transfer (PHIL125)
- 3
- 3
- 0 -Waived
- 0 -Waived

COURSE NUMBER

COURSE NAME

Major Course Requirements

- | | |
|----------|---|
| SECU 150 | Introduction to Security |
| SECU 151 | Security Systems & Design |
| SECU 154 | Careers in Professional Security Studies |
| SECU 220 | Current Security Problems |
| SECU 222 | Computer Security I |
| SECU 280 | Security Organization & Administration |
| SECU 321 | Seminar on National Security |
| SECU 323 | Risk Management |
| SECU 398 | Research Methods in Professional Security Studies |

CREDITS

21

- 3
- 0 -This will transfer in from MCCC
- 3
- 3
- 0 -This will transfer in from MCCC
- 3
- 3
- 3
- 3

Remaining NJCU Courses

Course Number	Course Name	Credits
Restricted Electives		
SECU 152	Loss Prevention Technique	3
SECU 153	Occupational Safety and Health	3
SECU 155	Introduction to International Security	3
SECU 210	Introduction to Intelligence	3
SECU 214	Crime Scene Investigation	3
SECU 215	Behavioral Analysis and Criminal Profiling	3
SECU 221	Contemporary International Security Topics	3
SECU 224	Ethics in National Security	0 This will be satisfied with transfe of PHIL125
SECU 226	Critical Thinking and Problem Solving for Professionals	3
SECU 250	Security Communication	3
SECU 305	Special Topics in Professional Security Studies	3
SECU 306	U.S. Security Interests in East Asia	3
SECU 307	Security in Latin America	3
SECU 309 I	ntro to Computer and Network Security	0 This will transfer in from MCCC
SECU 310	Forensic Investigations	3
SECU 311	Bloodstain Pattern Analysis	3
SECU 315	Big Data in U.S. National Security	3
SECU 322	Computer Security II	3
SECU 324	Security Fraud	3
SECU 326	Public Speaking for Professionals	3
SECU 330	U.S. Security Interests in the Islamic World	3
SECU 340	Ethical Hacking I	0 This will transfer in from MCCC
SECU 345	Computer Forensics I	3
SECU 350	Intelligence Analysis	3
SECU 380	Policy Development for the Security Professional	3
SECU 411	Extremist Groups and Security	3
SECU 415	Intrusion Detection and Prevention	3
SECU 422	Computer Security III	3
SECU 430	Computer Hacking Forensic Investigator	3
SECU 465	Resource Manangement in Security	3
SECU 1305	Special Topics: Intelligence Analysis and National Security	3
SECU 2305	Special Topics: National Security Policy	3
SECU 3305	Special Topics: Executive Communications for National Security	3
SECU 4305	Special Topics: Domestic Terrorism	3
SECU 5305	Special Topics: Extremist Groups	3
SECU 6305	Special Topics: Critical Thinking	3
SECU 7305	Special Topics: Security Fraud	3
LANG 137	Spanish I in Law Enforcement	3

Free Elective Courses

26-27