Appendix A
Template Five Year Plan for the UC BSIT- Associate of Technical Studies- Cybersecurity Track @ Clark State
Students are required to work with their academic advisors at both Clack State & UC to Finalize
their own degree plan

Courses	Semester 1	Credits
COM 1120	Public Speaking I	3.00
ENG 1111	English I	3.00
FYE 1100	College Success	1.00
ITS 1105	Computer Concepts and Software Applications	3.00
NTK 1110	PC Hardware Essentials	3.00
NTK 1120	PC Operating Systems Essentials	3.00
		16.00

	Clark State Courses
	UC Courses

Courses	Semester 2	Credits
CSE 1110	Introduction to CyberSecurity	3.00
CSE 1120	CyberSecurity – Security +	3.00
ENG 1112	English II	3.00
MTH 1280	College Algebra	4.00
	Social/Behavioral Science Elective**	3.00
		16.00

Courses	Semester 3	Credits
CSE 2251	CyberSecurity – Security Professional I	3.00
CSE 2252	CyberSecurity – Security Professional II	3.00
ITS 1500	HTML and CSS	3.00
NTK 2100	Cisco – Networking Fundamentals	3.00
NTK 2110	Cisco – Routing Fundamentals	3.00
		15.00

Courses	Semester 4	Credits
NTK 2120	Cisco – Switching/Wireless	3.00
NTK 2130	Cisco – Wide Area Networking	3.00
CSD 1400	Database Management	3.00
MGT 2000	Introduction to Project Management	3.00
	Arts/Humanities Elective**	3.00
		15.00

At the conclusion of their fourth semester, students will earn the Associate of Technical Studies degree from Clark State and transfer to UC. They will complete the remaining semesters as UC students while taking the highlighted Clark State courses. Students should work with their UC and Clark State advisors to finalize their degree plan and develop their co-op schedule. Students will be required to complete 3 semesters of co-op experience.

Courses	Semester 5	Credits
CSD 1500	Programming Fundamentals	3.00
PD 1010	Intro to Coop for CECH	1.00
IT 2020	Implication of Information Technology	3.00
MTH 1340	Pre-Calculus	5.00
IT 1051C	Fundamentals of Digital Media	3.00
IT 1081C	System Administration	3.00
		18.00

Courses	Semester 6	Credits
IT 3072C	Computer and Network Forensics	3.00
IT 3060C	Database Management II	
or	or	3.00

IT 4015C	Applied Business Intelligence	
CSD 2521	Java Programming I	3.00
MATH 1071	Discrete Mathematics	3.00
IT 3075C	Network Monitoring & Intrusion Prevension Systems	3.00
ENGL 4092	Technical & Scientific Writing	3.00
		18.00

Courses	Semester 7	Credits
IT 5001	Senior Design Project Management I	3.00
IT 5071C	Senior Design Cybersecurity Technical Practicum I	3.00
CSD 2100	Systems Analysis & Design	3.00
IT 2021	Human Computer Interaction	3.00
CRJ 1100	Introduction to Criminal Justice	3.00
IT 4076C	Penetration Testing	3.00
		18.00

Courses	Semester 8	Credits
POL 2035	Cybersecurity Strategy	3.00
IT 5002	Senior Design Project Management II	3.00
HPE 2071	Applied Statistics	3.00
IT 5072C	Senior Design Cybersecurity Technical Practicum II	3.00
	Science (BIO, CHE, PHY, or GLG)	3.00
	Science (BIO, CHE, PHY, or GLG)	3.00
		18.00

	Credits at Clark State	85.00
	Credits at UC	49.00
	Total	134.00