

## Clinton County RESA Early College Program of Study Plan

### Computer Networking and Cybersecurity A.B. Pathway

*Schedules are subject to change.*

#### 11th Year

Semester	Course Name	Credit/ Billing	Course Prerequisites	Required Accuplacer Levels	Course Offerings
CCRESA Class	CITF 110 – Intro Computer Info Systems	3/3	None	Read=4, Write =4	F, Sp, Su
CCRESA Class	CITN 120 – Networking Concepts	3/3	None	Read=4, Write =4	F, Sp, Su
CCRESA Class	CITS 125 – Computer Support: A+ Cert Prep	6/6	None	Read=4, Write =4, Math=3	F, Sp

#### Summer

Semester	Course Name	Credit/ Billing	Course Prerequisites	Required Accuplacer Levels	Course Offerings
Summer	ENGL 127 – Business Writing	3/3	ENGL 099 and R & W Lv.4 (in lieu of R & W Lvs.)	Read=5, Write=6	F, Sp, Su

#### 12th Year

Semester	Course Name	Credit/ Billing	Course Prerequisites	Required Accuplacer Levels	Course Offerings
Fall	CITF 120 – Operating Systems Concepts	3/3	None	Read=5	F, Sp, Su
Fall	CITP 110 – Intro to Programming – Python	4/4	None	Read=5, Math=4	
Spring	CITF 140 – Information Technology Ethics	3/3	None	Read=5, Write=6	F, Sp
Spring	BUSN 118 – Introduction to Business	3/3	ENGL 099 and Read Lv.4 (in lieu of Read Lv.5)	Read=5, Write=4	F, Sp, Su

#### Summer

Semester	Course Name	Credit/ Billing	Course Prerequisites	Required Accuplacer Levels	Course Offerings
Summer	MGMT 234 – Diversity in the Workplace	3/3	None	Read=5, Write=6	F, Sp, Su
Summer	COMM 130 – Fundamentals of Public Speak	3/3	None	Read=5, Write=6	F, Sp, Su

#### 13th Year

Semester	Course Name	Credit/ Billing	Course Prerequisites	Required Accuplacer Levels	Course Offerings
Fall	CITN 220 – Introduction to Networks August - October	3/3	2.0 minimum in CITS 125	Read =4, Write=4	F, Sp
Fall	CITN 225 – Routing & Switching Essentials October - December	3/3	CITN 220 or concurrently	Read=5, Write=6, Math=4	F, Sp
Fall	CITN 222- Wireless Networking & Security	3/3	2.0 minimum in CITS 125	Read=5, Write=6, Math=4	F, Sp
Fall	CITF 240 – IT Project Management	3/3	CITF 110 or CITS 125 (2.0 min.)	Read=5, Write=6, Math=3	F, Sp
Fall	STAT 170 – Introduction to Statistics	4/4	MATH 105 or MATH 106 (in lieu of Math Lv.)	Read=5, Write=4	F, Sp, Su
Spring	CITN 230 – Linux/UNIX Operating System	3/3	CITF 120 or CITS 125 and CITN 220 or CITS 225 (2.0 min.)	Read=5, Write=4	F, Sp
Spring	CITN 240 – Scaling Networks	3/3	CITN 225 (2.0 min. within 2 years)	Read=5, Write=6, Math=4	F, Sp
Spring	CITN 250 – Microsoft Network Server	3/3	CITF 120 or CITS 125 (2.0 min.)	Read=5, Write=6, Math=3	F, Sp
Spring	CITN 280 – IT Security Foundations	3/3	CITN 220 or CITS 225 (2.0 min.)	Read Lv.5, Write Lv.6, Math Lv.3	F, Sp

Minimum of 2.5 in BIOL 201, 202, 203, 204, CHSE 108, COMM 130, SOCL 120, MATH 119, PFHW 163, and ENGL 121 for entrance into RN program at LCC. Minimum

3.0 in NURS 201 for entrance into RN program at LCC.