

Networking and Hardware CIP #151203 (Computer Hardware Technology/Technician)

NYSED CTE Approved for Endorsement - June 2020

***Students are required to take ½ credit of the NYSED mandated Career & Financial Management (CFM) curriculum (Course #CF01G)) and a ½ credit of the CTE course specific CFM curriculum (Course #CF02G)).**

Grade	Course #	Units Taught	Hours of Instruction	NGLS ELA
9	CF02G	1 Human Computer Interaction (HCI)	4	RST1, 9-10R4, RST4, RH5, WHST1d, WHST5, 9-10SL1, 9-10L6
Exploratory		2 Problem Solving	4	9-10R1, RH1, RST5, RH7, 9-10W1f, WHST5, 9-10W7, 9-10L3
		3 Web Design	6	RST1, RST2, RH5, RST7, 9-10W2b, WHST6, 9-10W7, 9-10SL5, 9-10L6
		4 Introduction to Programming	8	9-10R1, RH1, RST5, RH7, 9-10W1f, WHST5, 9-10W7, 9-10L3
		5 Computing and Data Analysis	8	RH1, RST1,9-10R4, RST4, RST7, 9-10R9, WHST5, 9-10W7, 9-10SL5, 9-10L6
		6 Robotics	5	RST1, RST3, RST4, RH7, RST7, WHST2, WHST5, WHST6, 9-10SL1, 9-10SL1a, 9-10SL5, 9-10L6
		7 Graphic Design	10	RST1, RST3, RST4, RH7, RST7, WHST2, WHST5, WHST6, 9-10SL1, 9-10SL1a, 9-10SL5, 9-10L6
		8 Component Review	4	RST1, RST3, RST4, RH7, RST7, WHST2, WHST5, WHST6, 9-10SL1, 9-10SL1a, 9-10SL5, 9-10L6
		9 Data protection	6	9-10R1, RST2, RST4, RH7, 9-10W1c, WHST1d, 9-10W2b, WHST5, 9-10W7, 9-10SL1, 9-10SL1a, 9-10L6
		10 Cyber Security and Cyber Threats	6	9-10R1, RST2, RST4, RH7, 9-10W1c, WHST1d, 9-10W2b, WHST5, 9-10W7, 9-10SL1, 9-10SL1a, 9-10L6
		11 How to protect	6.5	9-10R1, RST2, RST4, RH7, 9-10W1c, WHST1d, 9-10W2b, WHST5, 9-10W7, 9-10SL1, 9-10SL1a, 9-10L6
		Total	67.5	
10	IC02M	1 Problem Solving: Computers & Logic	30	RST1, RST2, 9-10R4, RST4, 9-10W1c, RH7, RST7, WHST5, WHST6, 9-10SL1, 9-10SL1a, 9-10L6
Intro to Computing		2 The Internet - Web Development	55	RH3, RST4, RH7, RST7, WHST2, WHST2e, WHST5 9-10SL1c, 9-10SL5, 9-10L6
		3 Programming - Interactive Games & Animations	97.5	RH3, RST4, RH7, RST7, WHST2, WHST2e, WHST5 9-10SL1c, 9-10SL5, 9-10L6
		4 The Internet - Data and Society	45	RH3, RST4, RH7, RST7, WHST2, WHST2e, WHST5 9-10SL1c, 9-10SL5, 9-10L6
		5 Physical Computing	42.5	9-10R1, RST2, RST4, RH7, 9-10W1c, WHST1d, 9-10W2b, WHST5, 9-10W7, 9-10SL1, 9-10SL1a, 9-10L6
			Total	270

11	NH03M	1	Intro to Computers	49	RST1, RST3, RST4, RST6, RST8, RH9, WHST1, WHST2, WHST5, WHST6, 11-12SL1c, 11-12L6
		2	The Internet	102	11-12R1, RST2, RH4, RST4, RH7, RST8, WHST1d, WHST2, WHST5, WHST6, 11-12SL1, 11-12SL1a, 11-12SL5, 11-12L6
		3	Cyber Security	25	11-12R1, RST2, RH4, RST4, RH7, RST8, WHST1d, WHST2, WHST5, WHST6, 11-12SL1, 11-12SL1a, 11-12SL5, 11-12L6
		4	Microsoft Office Application	32	RST2, RH4, RST4, WHST1, WHST1d, WHST2, WHST5, 11-12SL5, 11-12L6
		5	Careers	26	11-12R1, RST2, RH9, 11-12W1, 11-12W1f, WHST2b, WHST4, WHST5, WHST6, 11-12SL1, 11-12SL1a, 11-12SL1c, 11-12SL6
		6	Robotics	36	RST1, RST2, RST4, RH7, RST7, WHST2, WHST2e, WHST5 9-10SL1c, 9-10SL5, 9-10L6
			Total	270	
12	NH04M	1	Networking	65	RST1, RH2, RST2, RST3, RH4, RST4, RST8, WHST2, WHST5, WHST6, 11-12SL1b, 11-12L6
		2	Microsoft Word	20	RST2, RH4, RST4, WHST1, WHST1d, WHST2, WHST5, 11-12SL5, 11-12L6
		3	Microsoft Excel	46	RST2, RH4, RST4, WHST1, WHST1d, WHST2, WHST5, 11-12SL5, 11-12L6
		4	System Software	18	RST1, RST2, RH4, RST8, WHST1, WHST5, WHST7, 11-12SL1c, 11-12L6
		5	File Management	32	RST1, RST2, RH4, RST8, WHST1, WHST5, WHST7, 11-12SL1c, 11-12L6
		6	Computer Hardware	64	RST2, RH7, RST8, WHST1d, WHST2, WHST5, WHST6, 11-12SL5, 11-12L6
		7	Senior Project	25	RST2, RH7, RST8, WHST1d, WHST2, WHST5, WHST6, 11-12SL5, 11-12L6
	Total	270			