

2021 COOL 'Programming is Fun!'			
Day	4:00 to 5:00 pm	5:00 - 5:30 pm	5:30 - 6:30
Wed 6/23	Orientation and Overview	Icebreaking activities	The Amazing world of Computer & Cyber
Thurs 6/24	Number Systems in Computer--Binary, Octal, Hex	Kahoot	Number System Examples
Sat 6/26	Social Media: Awareness, Alerts, and Activism (11:00 am-1:00 pm)		
Mon 6/28	Boolean Algebra	Kahoot	Bit-String Flicking
Tues 6/29	Python Setup, IDE (Pycharm)	Game time	Basic programming demo -- Sample game examples-- how things work
Wed 06/30	Data Type - Variables, Arithmetic Operators, examples	TBD	Reading variables from Console. Input/Output - Examples
Thurs 07/01	Conditional Statements	Kahoot	Python Game 1 - Rock-Scissors-Paper
Sat 7/3	College, Career Prep -- Panel Discussion (11:00 am-1:00 pm)		
Mon 7/5	4th of July Holiday		
Tue 7/6	Game 2 in Python: Guess the Number	What I wanna be?	Loops - for, while and Examples
Wed 7/07	Examples of Numerical Processing	Strategy Game	String Operations
Thu 7/8	List, Collections-- Examples	Kahoot	Examples (Loop, List), Practice
Sat 7/10	MYDT Debate Competition		
Mon 7/12	Python Modules (numpy, pandas)	TBD	How is my Life Online going? - Survey, summary
Tues 7/13	Read and Write Files	Kahoot	More with Files
Wed 7/14	Introducing Projects for teams	Game Time	Examples combining Read/Write with Loops, String
Thurs 7/15	Programming Practice	TBD	Preparation for Demo Project
Sat 7/17	Leadership and Entrepreneurship -- Panel Discussion		
EID Break - 7/19-7/20			
Wed 7/21	Prepare presentation	TBD	Project Completion
Thurs 7/22	Individual Review & Summary [All]	TBD	Team Review for presentation
Sat 7/24	Conclusion - Presentations		