



Course Itinerary

Exploration CRN: _____	Exploration Name: _____	GenCyber Teacher Camp
Camp Director: _____	Yu Cai	Email(s): cai@mtu.edu
Instructor Name: _____	Tim Van Wagner	Email(s): tavanwag@mtu.edu
TA Name(s): _____	TBD	Email(s): gencyber@mtu.edu
Instructor Phone #	906-487-1471(o) 906-370-8316(c)	Date: 6/22/2020-6/26/2020

Day & Time	Activity	Location	Notes?	
Sunday	10:00 - 2:00	Registration	Wadsworth Hall	SYP
	2:00 - 3:00	GenCyber Speical Meeting; Pre-camp Survey	Fisher 138	Tim, Yu
	3:00 - 4:00	Summer Youth Program Orientation	Fisher 135	SYP
Monday	7:00 - 9:00	Breakfast	Wads	Faculty Meeting(8-8:30)
	9:00 - 9:50	Welcome, Introduction, Mingle Sessions; Registration		Yu, Tim, Emily, Steve
	9:50 - 10:00	Break		
	10:00 - 10:50	Introduction to Cybersecurity		Yu
	10:50 - 11:00	Break		
	11:00 - 11:50	Cyber Code of Conducts and Ethics / Group Photo		Emily ?
	12:00 - 1:00	Lunch @ Wads		
	1:00 - 1:50	Ethics and Morality Discussion (Case Study) / Introduction to Lesson Plan Development (15m)		Emily ?
	1:50 - 2:00	Break		
	2:00 - 2:50	Introduction to Raspberry PI		Tim
	2:50 - 3:00	Break		
	3:00 - 4:00	Introduction to Raspberry PI - Part 2		All
4:00 - 4:30	Daily Wrap-up and Survey		Tim	
Tuesday	7:00 - 9:00	Breakfast	Wads	
	9:00 - 9:50	Cybersecurity Concepts		Tim
	9:50 - 10:00	Break		
	10:00 - 10:50	Introduction to Linux		Tim
	10:50 - 11:00	Break		
	11:00 - 11:50	Email Phishing and Cyber Hygiene		Steve ?
	12:00 - 1:00	Lunch @ Wads		
	1:00 - 1:50	Introduction to Ethical Hacking		Yu
	1:50 - 2:00	Break		
	2:00 - 2:50	Networking Architecture Game and Discussion		Tim
	2:50 - 3:00	Break		
	3:00 - 4:00	Introduction to Networking		Tim
	4:00 - 4:30	Daily Wrap-up and Survey		

GenCyber Teacher Camp

Wednesday	7:00 - 9:00	Breakfast	Wads	
	9:00 - 9:50	Introduction to Linux - Part 2		Tim
	9:50 - 10:00	Break		
	10:00 - 10:50	Hands-on Projects with Pi		Tim
	10:50 - 11:00	Break		
	11:00 - 11:50	Introduction to Ethical Hacking - Part 2		Yu
	12:00 - 1:00	Lunch @ Wads		
	1:00 - 1:50	Introduction to PC and OS Architecture		Tim
	1:50 - 2:00	Break		
	2:00 - 3:20	PC Assembly and Disassembly		Tim
	3:20 - 3:30	Break		
	3:30 - 4:00	Jeopardy Game on Cybersecurity		All
	4:00 - 4:30	Daily Wrap-up and Survey		
	Thursday	7:00 - 9:00	Breakfast	Wads
9:00 - 9:50		Introduction to Wireless		Tim
9:50 - 10:00		Break		
10:00 - 10:50		Wi-Fi Scavenger Game		Tim
10:50 - 11:00		Break		
11:00 - 11:50		Wi-Fi Scavenger Game / Discussion - Part 2		Tim
12:00 - 1:00		Lunch @ Wads		
1:00 - 1:50		Teacher Project / Lesson Plan Development		All
1:50 - 2:00		Break		
2:00 - 2:50		Teacher Project / Lesson Plan Development		All
2:50 - 3:00		Break		
3:00 - 4:00		Teacher Project (with an extra evening session) / Computing Lab Tour (2 groups)		Yu
4:00 - 4:30		Daily Wrap-up and Survey		Yu
Friday		7:00 - 9:00	Breakfast	Wads
	9:00 - 9:50	Guest lecture		TBD
	9:50 - 10:00	Break		
	10:00 - 10:30	Cybersecurity Job Market and Career Options		All
	10:30 - 10:35	Break		
	10:35 - 11:50	Escape the Room Game		All
	12:00 - 1:00	Lunch @ Wads		
	1:00 - 3:00	Teacher Project Presentation / Microteaching / Teacher Reflection		All
	3:00 - 3:10	Break		
	3:10 - 3:50	Award Ceremony and Closing		All
	3:50 - 4:20	Post-camp Survey		All
	4:30 - 5:00	SYP Program Wrap-Up	Fisher 135	SYP
	5:00 - 9:00	SYP Checkout	Wads Lobby	