

Semester 1 Adv Cyber Project

Goated

Group Title

	Name	Subitems	Item Name	Deadline	Notes
	Name	Owner	Item Name	Deadline	Notes
Project Setup & Planning	Create Monday.com board & workflow Assign final roles and responsibilities Establish scope, sequence, and task groups define all machines in the system Create Lucidchart network diagram (initial draft) establish common naming conventions Submit diagram for instructor approval	Tyler Entire Team Entire Team Entire Team Entire Team Entire Team	Create Monday.com board & workflow Assign final roles and responsibilities Establish scope, sequence, and task groups Create Lucidchart network diagram (initial draft) Submit diagram for instructor approval	2026-01-07 Item Name	Must be completed before any technical work begins. Must align with Role Set A. Instructor approval required.
Script & Network attack	Make doc, and brainstorm on video ideas Draft rough script outline Check in on progress so script is accurate Configure lab network (IP/MAC/Hostname + ping validation) document commands/actions record ip/mac addresses Enable and verify IP forwarding Document network device connections Analyze network anomalies through logs Baseline Wireshark capture (normal traffic) Capture HTTP POST traffic during attack define scripts Finalize script (post-team review) Execute ARP spoofing attack (Bettercap/arpspoof) Explain how to restore correct ARP mappings Implement static ARP entries Enable firewall logging display windows firewall enabled Document attack + defense results in GitHub download .pcap file and document in github	Entire Team Entire Team Entire Team Michael Michael Michael Alison Alison Alison Ariel Ariel Urijah Urijah Cody Cody Cody Tyler Tyler Tyler Tyler	Draft rough script outline Configure lab network (IP/MAC/Hostname + ping validation) Enable and verify IP forwarding Enable Windows Firewall logging + analyze anomalies Baseline Wireshark capture (normal traffic) Finalize script (post-team review) Execute ARP spoofing attack (Bettercap/arpspoof) Implement static ARP entries Document attack + defense results in GitHub	2026-01-14 Item Name	Includes victim, attacker, router/switch, server. Diagram must be approved before any technical work proceeds. Notes Script must align with technical accuracy provided by team. Validate ARP tables and routing. Required for MiTM packet flow. Include screenshots and log data. Capture clean network behavior before attack. Final script must be approved before filming. Must verify MiTM and capture Wireshark evidence. Document defense changes and validate. Must include comparisons and flow explanation.
Video Production	research screencapture service + pick Record all on-screen demonstrations Write video script rough draft Finalize video script Record voiceover + explanations Edit full video Create and rehearse live attack demonstration	Entire Team Entire Team Cody + Tyler + Michael Cody + Tyler + Michael Alison Alison Ariel + Urijah	Record all on-screen demonstrations Record voiceover + explanations Edit full video in Camtasia	2026-01-21 Item Name	Notes Must show attack & defense clearly. Ensure clarity & accuracy. Target length: 10-12 minutes.
Final Documentation & Presentation	upload and format all documentation include lucidchart Prepare hands-on presentation flow Team rehearsal for live demo Deliver live hands-on demonstration Complete and finalize GitHub repository create file paths/orgizational structure Upload baseline documentation to GitHub	Entire Team Urjah Entire Team Entire Team Tyler Tyler Daily progress check-ins	Prepare hands-on presentation flow Team rehearsal for live demo Deliver live hands-on demonstration Complete and finalize GitHub repository Upload baseline documentation to GitHub	Item Name	Notes Align with live demonstration steps. Practice attack and defense explanation. Final graded performance. Must include folders, diagrams, captures, logs. Must include captures, screenshots, and notes. "What's done? What's next? Any blockers?" Notes
Accountability & QC	record and document all actions Peer review sign-off for major tasks Instructor approval checkpoints Daily progress check-ins	Michael Michael Instructor Entire Team	Peer review sign-off for major tasks Instructor approval checkpoints	Item Name	Required before marking tasks done. Must be logged inside Monday.com.