

Project Ares Scenario Teaching Template

Use this weekly teaching template to prep and plan your Project Ares cybersecurity topics for teaching success this semester and beyond.



How To Use This Template



In the top right fields, fill in your course name and number, followed by your, the instructor's, name, date, and semester.

Course Name & No.: Digital Forensics

Instructor: Name here

Date: December 27, 2021

Semester: 3rd



To adjust which week you're planning, choose from the drop-down menu next to *Week 1*.

Week 15			
NG GAMES	BATTLE ROOMS		MISSION
<input checked="" type="checkbox"/>	BR 13 - Capture The Flag 1	<input checked="" type="checkbox"/>	02 - Stop Terrorist Final
<input checked="" type="checkbox"/>	BR 01 - System Integrator	<input checked="" type="checkbox"/>	01 - Disable Bot
<input checked="" type="checkbox"/>	BR 01 - System Integrator	<input checked="" type="checkbox"/>	01 - Disable Bot
<input checked="" type="checkbox"/>	BR 06 - Linux Basics	<input checked="" type="checkbox"/>	03 - Intercept Attack P
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	03 - Intercept Attack P
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	03 - Intercept Attack P
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	

How To Use This Template

3

Next, choose the day your classes are held each week.

There's also an option for *No Class* should you meet only one or two days a week rather than three.

No Class	Windows Command Lin
	Watering Holes Attacks
	Application Whitelisting
	ement

Monday

Tuesday

Wednesday

Thursday

Friday

✓ No Class

4

Now, fill out the class day's row according to what you plan to teach that day.

MEDIA CENTER	CYBER LEARN
Aramco Hack	Abusing Windows Management Instrumentat
Avoiding Social Engineering and Ph	Analysis of the Cyber Attack on the Ukrainian
Buffer Overflow Attack	Analysis with the Diamond Model and Kill Ch
Botnet, What It Is?	Application Whitelisting
-	✓ Aramco Hack
-	Attackers Alter Water Treatment Systems in
-	Authentication, Authorization, and Encryption
-	Avoiding Social Engineering and Phishing Att
-	Base-64 Encoding
-	Blue Team Fundamentals Part Two: Window
-	Botnet, What It Is?
-	Bro Open Source IDS

How To Use This Template

- As the week progresses, you can checkmark the learning activity to show its completion.
- At the end of the week, note your observations so that you can look back on them and revise your lesson plan for next semester.

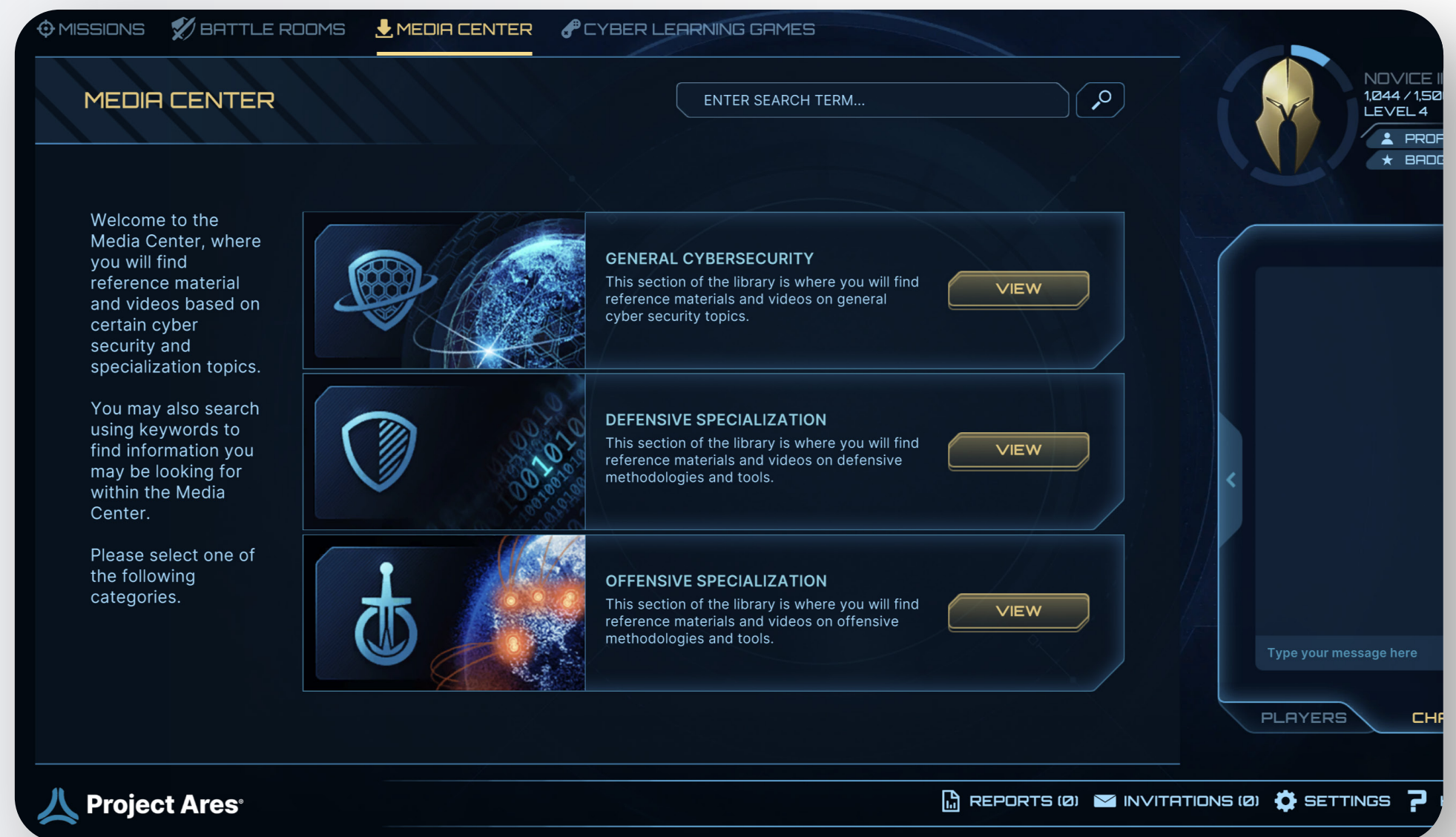
MEDIA CENTER		
Aramco Hack	▼	✓
Avoiding Social Engineering and Phishing	▼	✓
Buffer Overflow Attack	▼	✓
Botnet, What It Is?	▼	
	▼	

[illegible]

Media Center

We suggest your students warmup their cyber skills in the Project Ares Media Center.

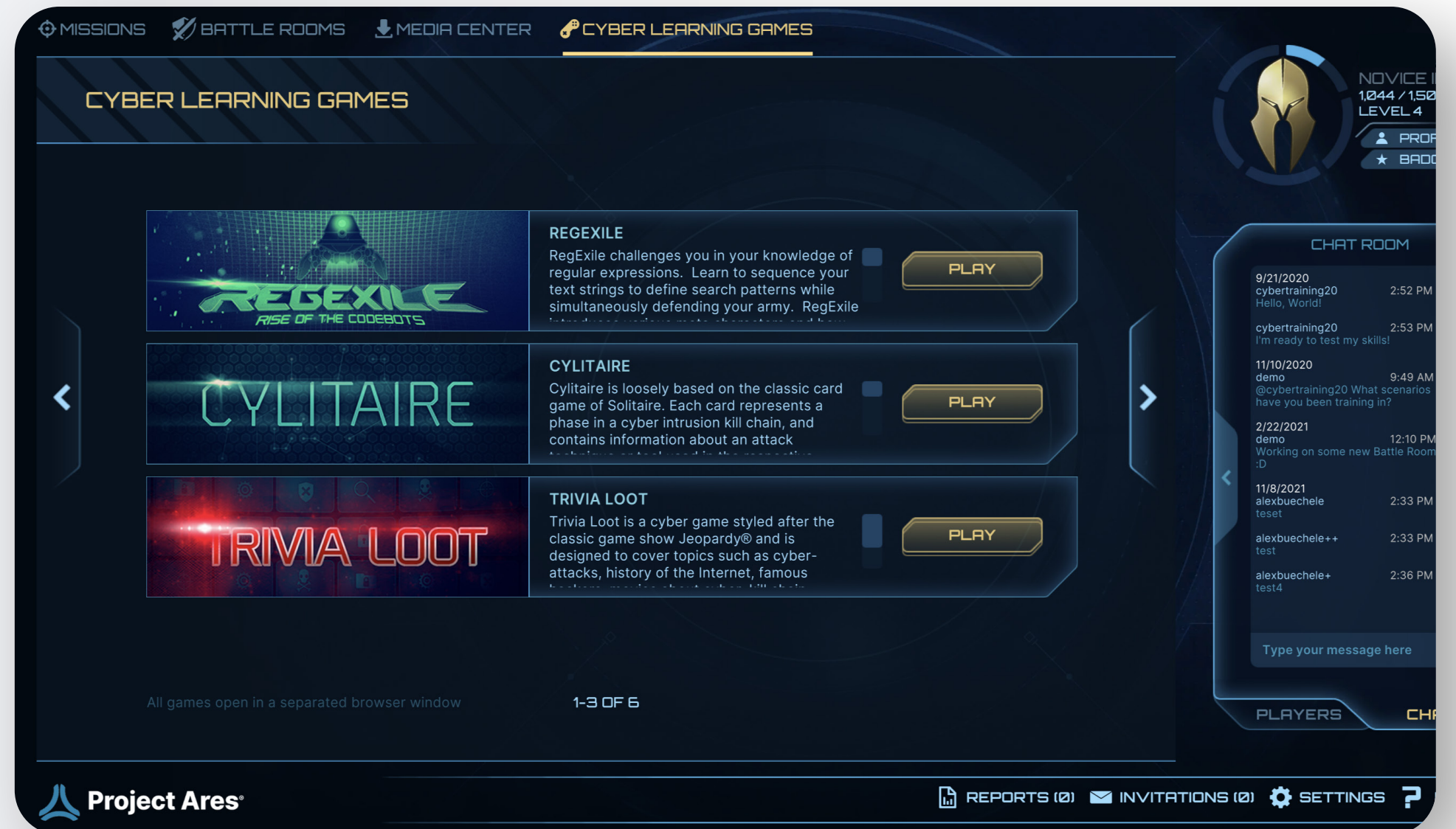
Here, they'll find our refence library of materials and videos covering general cybersecurity topics, as well as defensive and offensive methodologies and tools.



Cyber Learning Games

Once your students have reviewed the Media Center and classroom material, have them test their knowledge with our cyber learning games.

These games will have them master entry-level cybersecurity concepts with fun, arcade style drills that teach the cybersecurity intrusion kill chain, ports and protocol, regular expression techniques, and more.



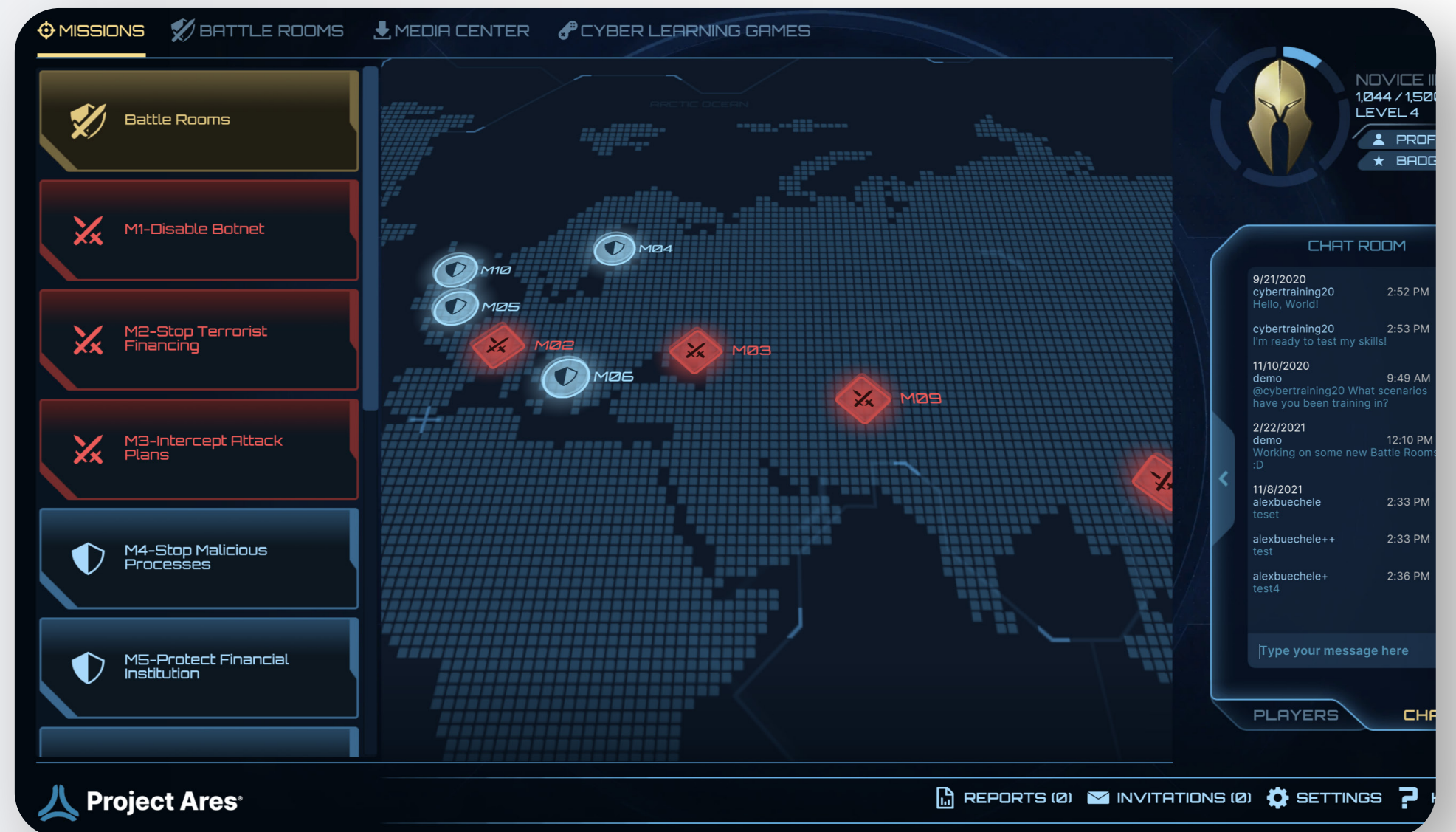
Battle Rooms

In this individual learning environment, students will build their skills in a series of multilevel learning challenges that reinforce foundational skills including Linux, scripting, and digital forensics.



Missions

For the more advanced courses, students have mastered cybersecurity foundational skills and are ready to use their critical thinking to defeat real-scenario threats in an individual or team-based environment.





Now that you know how to use this template, you can easily align the Project Ares' hands-on labs with your classroom topics for the week.

Happy Planning!

Scenario Planning

Teaching Template

Course Name & No.:
Instructor:

Date:

Semester:

[illegible]