# CLARK

https://clark.center

# Who is CLARK?

# https://clark.center

Bloom's Based Outcomes

Search and Filter Browsing
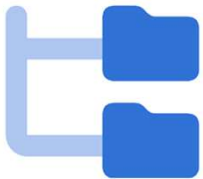
Modularized Content

Compressed Downloads

# What's available on CLARK?

# Module 1 - Introduction to Networks

Last Updated 1/24/23

Module ☆☆☆☆☆

⟜ Child of CyberSkills2Work - Intro to Networks (DSU-0012) ;

## Description

This module covers the introduction to network fundamentals. Each module will consist (typically) of a set of PowerPoint slides and assessment questions pertaining to the module topic.

https://clark.center/details/cmwelu/cf9aae74-be9d-43ff-8981-a66efe685bbe

# Principles of Cyber Law and Policy

Last Updated 4/9/19

Course ☆☆☆☆☆

Parent of Cyber Operations + 4 more

## Description

Principles of Cyber Operations Law and Policy Course.

Consists of the following modules:

- Module I Understanding Cyberspace
- Module II Cyber Governance: Three Branches of Government
- Module III Legal Foundations of Modern Cyber Law and Policy
- Module IV Cyber Operations

https://clark.center/details/kkuczynski/80b8c821-ff5e-4134-bc71-06aa85287f3c

### Children

**Cyber Operations**

MODULE   4 - 10 HOURS

James Houck at Penn State and 3 more
Updated Apr 11, 2019

Module IV Cyber Operations Incl...

NSA NCCP

**Principles of Cyber Law and Policy: Course Syllabus**

NANOMODULE

UP TO ONE HOUR

James Houck at Penn State and 3 more
Updated Apr 9, 2019

Syllabus for Cyber Operations La...

NSA NCCP

**Understanding Cyberspace**

MODULE   4 - 10 HOURS

James Houck at Penn State and 3 more
Updated Apr 9, 2019

Module I: Understanding Cybers...

NSA NCCP

**Legal Foundations of Modern Cyber Law and Policy**

MODULE   4 - 10 HOURS

James Houck at Penn State and 3 more
Updated Apr 11, 2019

Module III: Legal Foundations of ...

NSA NCCP

**Cyber Governance: Three Branches of Government**

MODULE   4 - 10 HOURS

James Houck at Penn State and 3 more
Updated Apr 9, 2019

Module II Cyber Governance: Th...

NSA NCCP

# Critical Infrastructure

Last Updated 6/19/23

**Course** ☆☆☆☆☆

⟜ Parent of Mod 1: Introduction to Critical Infrastructure + 11 more

# Description

Students will address basic security concepts as they apply to critical infrastructure systems. Concepts addressed in the course will include Industrial Control Systems (ICS), such as Supervisory Control and Data Acquisition (SCADA) systems, Process Control Systems (PCS), and Distributed Control Systems (DCS), national standards for the protection of critical infrastructure, and risk management concepts and tools for critical infrastructure systems. Students will perform a risk assessment of a specific critical infrastructure sector using an appropriate risk assessment framework and tools, identifying threats and vulnerabilities specific to the sector, and making appropriate recommendations for mitigating risk.

https://clark.center/details/ncyte_center/8593627b-40f4-4f4e-9dd7-7863f6a746ba

**Children**

**NCyTE Center**
Mod 1: Introduction to Critical Infrastructure
MODULE ⏱ 4 - 10 HOURS
Ncyte Center at NCyTE Center
Updated Jun 14, 2023
This module covers the Critical I...

**NCyTE Center**
Mod 2: Introduction to Control Systems & SCADA
MODULE ⏱ 4 - 10 HOURS
Ncyte Center at NCyTE Center
Updated Jun 19, 2023
This module introduces Supervis...

**NCyTE Center**
Mod 3: Technologies
MODULE ⏱ 4 - 10 HOURS
Ncyte Center at NCyTE Center
Updated Jun 14, 2023
A number of different networkin...

**NCyTE Center**
Mod 4: Risk Management
MODULE ⏱ 4 - 10 HOURS
Ncyte Center at NCyTE Center
Updated Jun 14, 2023
This module covers cybersecurit...

**NCyTE Center**
Mod 5: Threats
MODULE ⏱ 4 - 10 HOURS
Ncyte Center at NCyTE Center
Updated Jun 15, 2023
In cybersecurity, a threat is the ...

**NCyTE CENTER**
Mod 6: Vulnerabilities
MODULE ⏱ 4 - 10 HOURS

# Researching Cybersecurity Careers

Last Updated 11/17/21

`Micromodule` ☆ ☆ ☆ ☆ ☆

## Description

Lesson plan designed by George Washington University for K-12 as part of the GenCyber program.

Researching cybersecurity careers is designed to engage the campers in research into one of 4 or 5 cybersecurity careers. This team guided research project is undertaken over the entirety of the camp and teams present their findings on the closing day of camp. The activity builds teamwork, research/evaluation skills and oral/visual presentation skills.
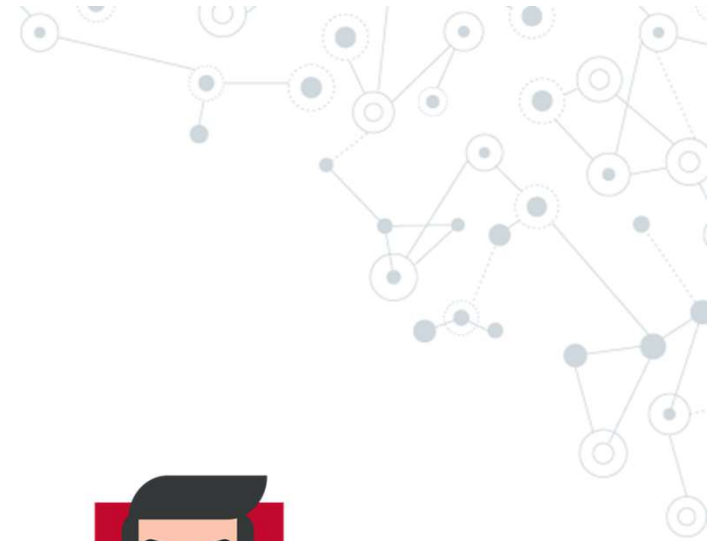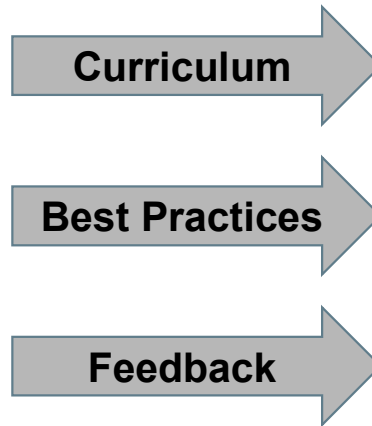
https://clark.center/details/ssmith142/273d0e03-59ad-4478-88dc-8b6bbd3f04c2

# Where does CLARK get its content?

# Content Intake



CAE IN CYBERSECURITY COMMUNITY

CyberSkills2Work

GenCyber

NCYTE CENTER
National Cybersecurity Training & Education Center

Cyber Heroes

THE 502 PROJECT

Curriculum →

Best Practices →

Feedback →

CLARK

# Stephen Miller

Eastern New Mexico University-ruidoso
stephen.miller@enmu.edu

## About Stephen

¯\\_(ツ)_/¯

Stephen hasn't updated their bio yet!

# Contributions

National Cybersecurity Workforce Development Program

### Introduction to the World of Technology

**MODULE**   🕐 4 - 10 HOURS

Stephen Miller at Eastern New Mexico University-Ruidoso
Updated May 2, 2023

Topics to be covered in this module: What computers are, how they work, and how they are used Computer ter...

**National Cybersecurity Workforce Development Program**

### The System Unit: Processing and Memory, Storage,...

**MODULE**   🕐 4 - 10 HOURS

Stephen Miller at Eastern New Mexico University-Ruidoso
Updated Jul 5, 2023

Topics to be covered in this module: How computers represent data and program instructions How the central...

**National Cybersecurity Workforce Development Program**

# Filipo Sharevski

Depaul University
fsharevs@cdm.depaul.edu

## About Filipo

¯\\_(ツ)_/¯

Filipo hasn't updated their bio yet!

# Contributions

Intro to Cyber    NSA NCCP    Secure Coding Community

Intro to Cyber

### Cybercrime

MODULE    🕐 4 - 10 HOURS

Susan Campbell at University of Maryland and 1 more
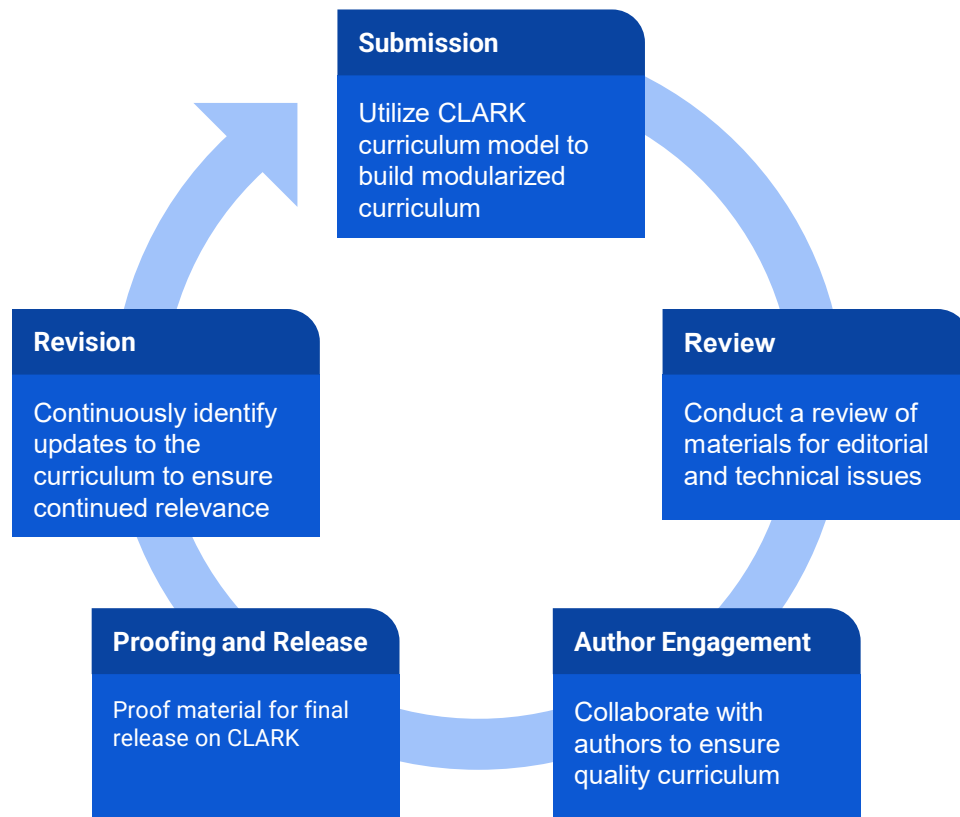Updated Oct 20, 2021

This module introduces students to personal, governmental, and societal aspects of cybercrime. Students will …

# How are submissions reviewed?

# Review Process of Curriculum to CLARK



**Submission**

Utilize CLARK curriculum model to build modularized curriculum

**Review**

Conduct a review of materials for editorial and technical issues

**Author Engagement**

Collaborate with authors to ensure quality curriculum

**Proofing and Release**

Proof material for final release on CLARK

**Revision**

Continuously identify updates to the curriculum to ensure continued relevance

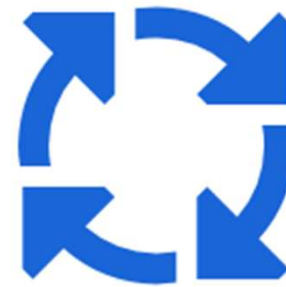# How is material sustained?

# Curriculum Development Lifecycle (CDLC)
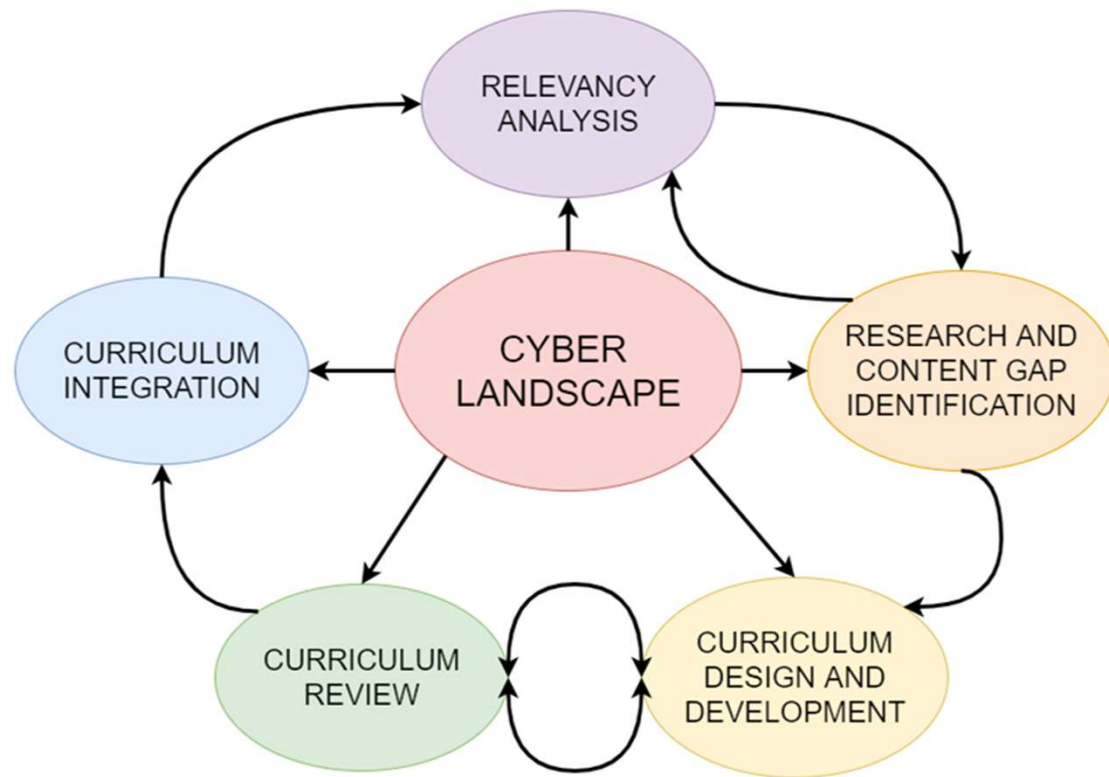
# CLARK Curriculum Sustainment Facets

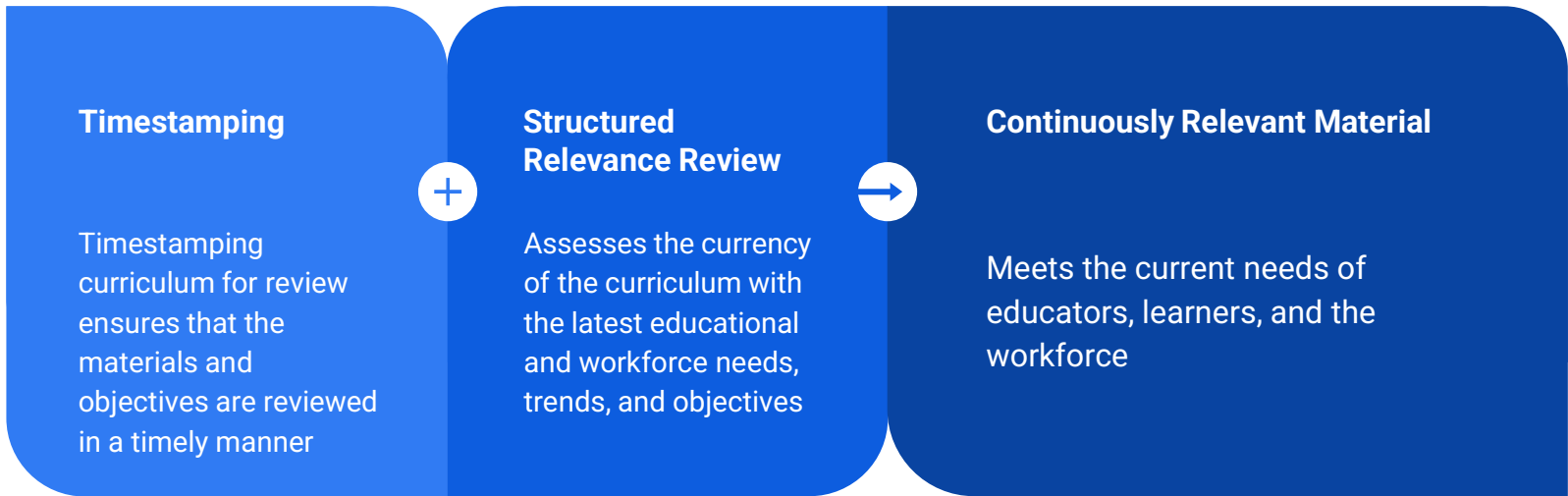**Maintenance of open-source curriculum**

**Classroom and Workforce Relevance**

# What does it mean for curriculum to be relevant?

- Does the topic align with the needs of the cyber landscape?
- Is it mapped to current KUs, guidelines, or standards?
- Is the pedagogy employed effective?
- Are the materials and/or tools usable in a classroom setting?
- Does it address real-world challenges and experiences?

# How does CLARK maintain relevance?

## Timestamping

Timestamping curriculum for review ensures that the materials and objectives are reviewed in a timely manner

**+**

## Structured Relevance Review

Assesses the currency of the curriculum with the latest educational and workforce needs, trends, and objectives

**→**

## Continuously Relevant Material

Meets the current needs of educators, learners, and the workforce

# How can I use CLARK?

Stay up to date with the latest from CLARK!



SecurEd Inc.

# Stay in Touch!

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