

“New” in Virginia

- Energy Cluster
- WRS Resources
- High Quality Work-Based Learning
- VERSO 2.0

Energy Career Cluster

Virginia has adopted the nationally accepted structure of career clusters, career pathways, as well as created a 17th Energy Cluster. Courses are available on VERSO.

Pathway	Course	Suggested Grade Levels
Energy Efficiency	Energy Supply: Sustainability and Efficiency (ES8411)	9-10
	Energy Demand: Sustainability and Efficiency (ED8411)	10-11
	Energy and Power (8448)	11-12
Transmission, Distribution and Storage	Energy Transmission and Distribution (IT8411)	9-10
	Energy Transmission and Distribution, Advanced (TD8411)	10-11
	Energy and Power (8448)	11-12
Fuels Production	Energy Source Life Cycle (LC8411)	9-10
	Engineered Energy Systems (EES8411)	10-11
	Energy and Power (8448)	11-12
Power Generation	Fundamentals of Power Generation (FP8411)	9-10
	Power Generation Design and Function (PG8411)	10-11
	Energy and Power (8448)	11-12

WRS Curriculum Resources

Scenario-Based WRS Resources

- **First Five WRS:**
 - Creativity and Innovation
 - Critical Thinking and Problem Solving
 - Initiative and Self-Direction
 - Integrity
 - Work Ethic
- **Four Career Clusters:**
 - Health Science
 - Information Technology
 - Manufacturing
 - STEM
- Will be available on VERSO (Virginia's Educational Resource System Online) with related courses

WBL Team

- Work-Based Learning Coordinator
Sharon Acuff

- Current Regional Assignments

Erika Temple

Regions 1 & 3

Nikki Finley

Regions 2 & 8

Susan McNamara

Region 4

Amy Pultz

Region 5

Kim Radford

Region 6

Jan Huffman

Region 7



2 additional specialists will be hired in 2022 to support Regions 3 and 8
A WBL Specialist will be assigned to each Superintendent’s Region, to dedicate 100% work effort to achieving High-Quality WBL goals in each region.

High-Quality Work-Based Learning (HQWBL)

HQWBL includes school-coordinated experiences that are:

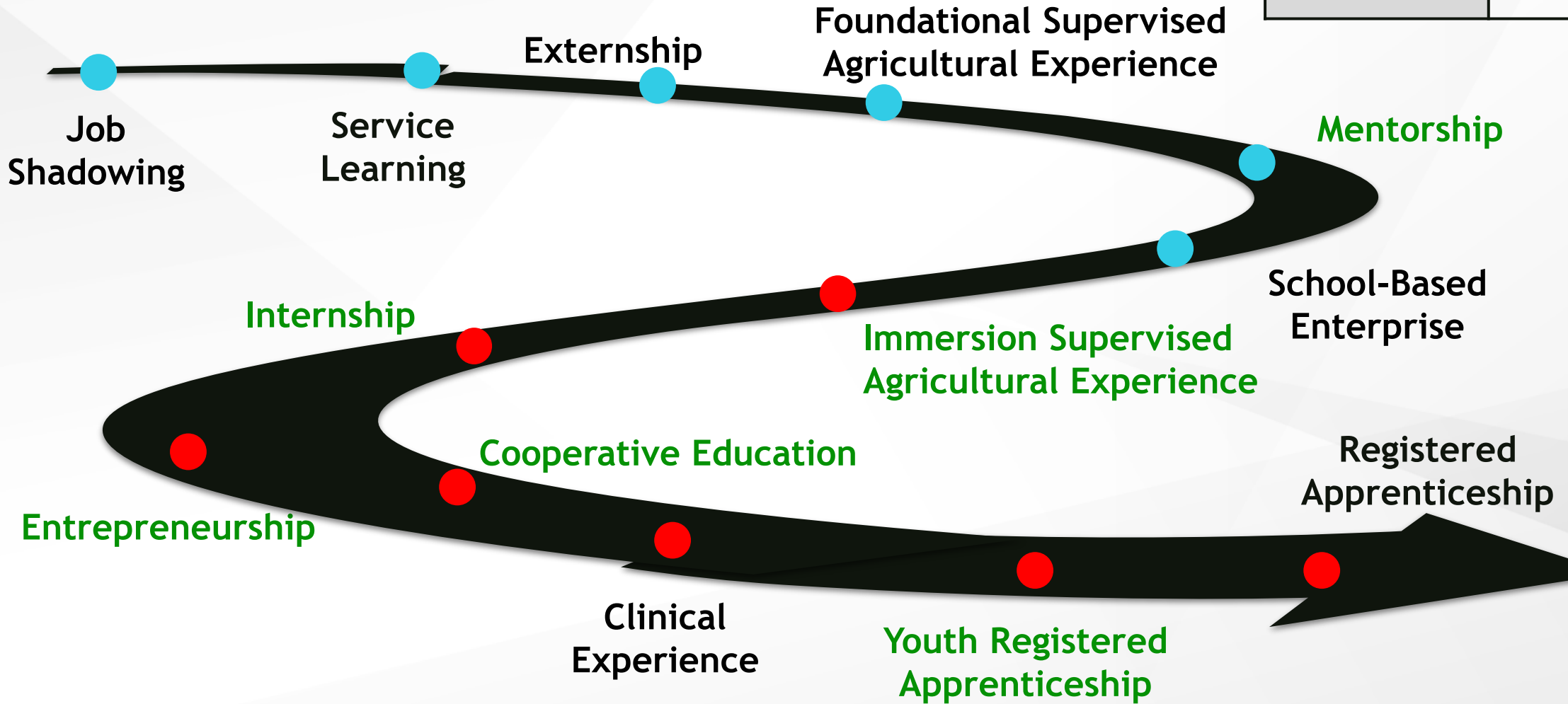
- related to students' career goals and/or interests
- integrated with instruction
- performed in partnership with local businesses and organizations

Enables students meet graduation requirement **§ 22.1-253.13:4.**

Standard 4. Student achievement and graduation requirements and it may counts towards school CCCRI accreditation.

HQWBL Experiences

Grades 6-12	●
Grades 9-12	●



High-Quality Work-Based Learning Credit Options in Addition to Course Credit

140 hours earns one half credit

- Mentorship

280 hours earns one credit

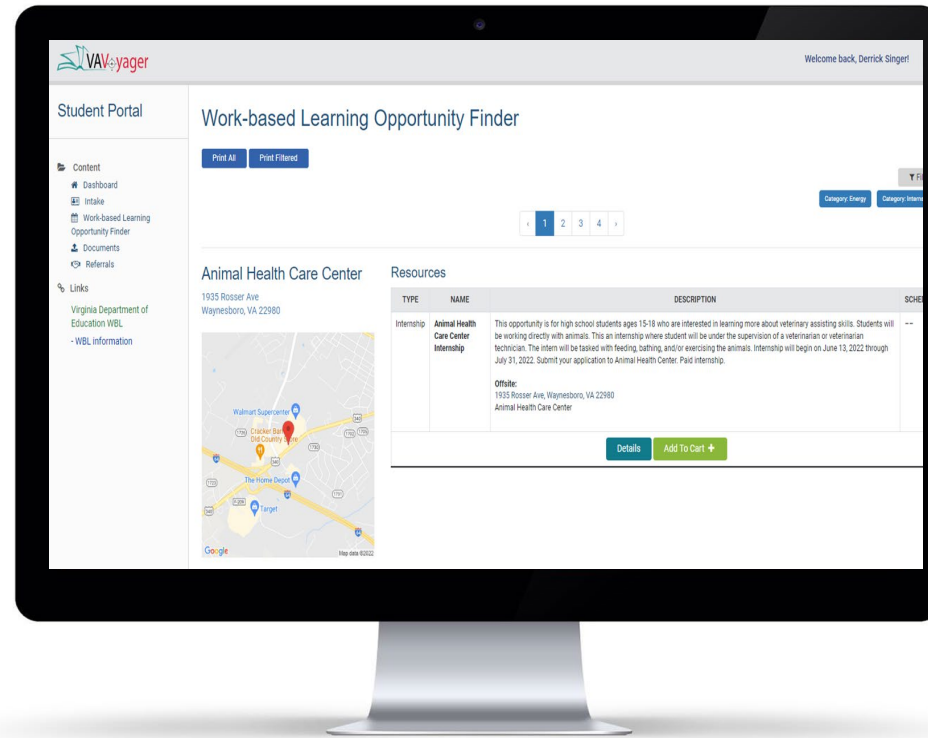
- Internship
- Cooperative Education
- Entrepreneurship
- Supervised Agricultural Experience (SAE)
- Youth Registered Apprenticeship (YRA)

VAVoyager Virtual HQWBL network platform will better connect students and employers

Platform objectives

1 Continue to ensure opportunities by connecting students to WBL experiences

2 Gather all WBL opportunities in one place so data analytics can be provided



Top 4 Success metrics

- # of schools using the virtual network
- # of businesses involved in High-Quality WBL Experiences
- # of total High-Quality WBL opportunities
- # of student referrals to opportunities

All middle and high schools across the Commonwealth are invited to use the platform

High-Quality Work-Based Learning Guide

- Focuses on the implementing the 12 types of HQWBL opportunities
- Includes Virginia regulations and guidelines for the administration of HQWBL for coordinators
- Should be used to implement HQWBL offerings locally
- Revised and available on the VDOE website in early August

