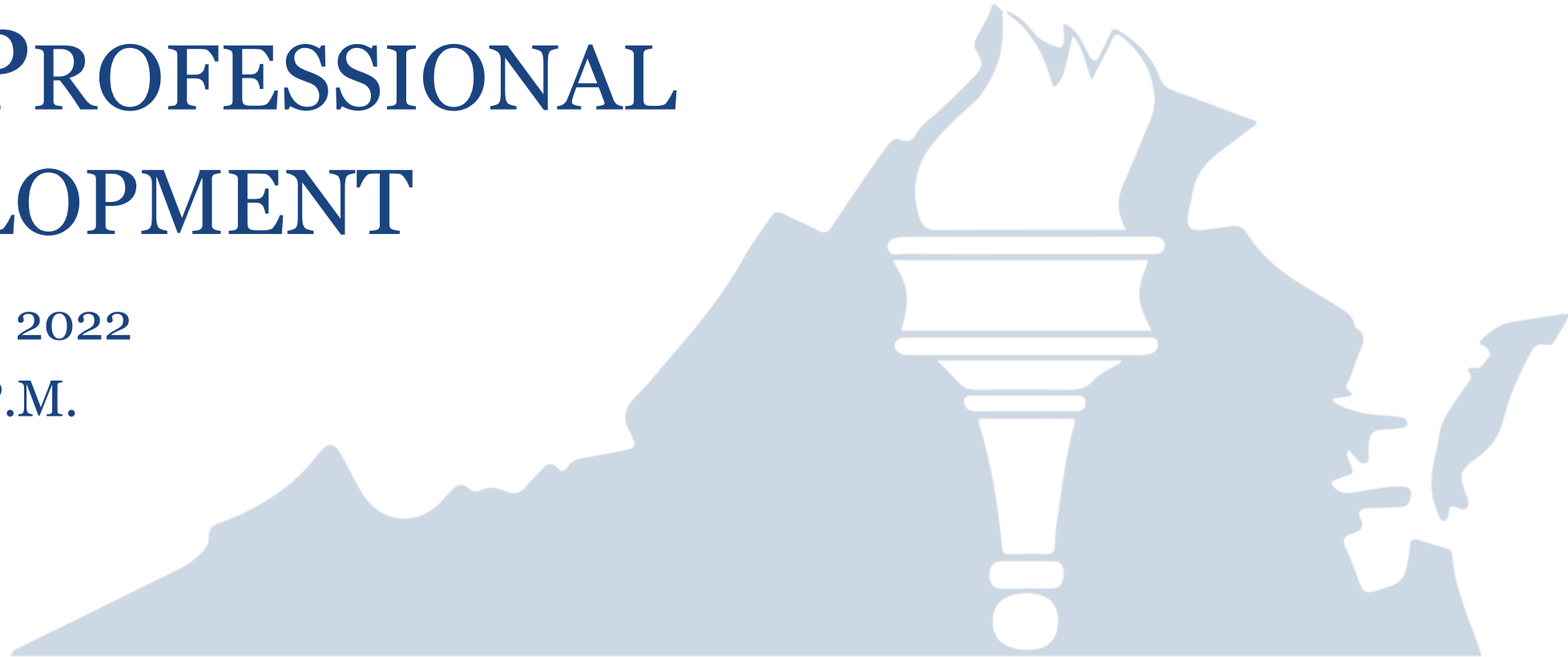


TECHNOLOGY EDUCATION FALL PROFESSIONAL DEVELOPMENT

November 15, 2022

3:00 – 4:30 P.M.



VIRGINIA DEPARTMENT OF EDUCATION

WELCOME

Dr. Lynn Basham

Technology Education and Related Clusters Specialist

Office of Career, Technical, and Adult Education



VIRGINIA DEPARTMENT OF EDUCATION

GOALS

- Certifications Overview
- Sequence options
- This year's course reviews
- Standards
- Emerging Technology
- ODU Classroom/Laboratory Management
- TSA Updates

POTENTIAL PATHWAYS FOR ENGINEERING AND TECHNOLOGY



This may leave out the Tech Foundations in some locations and just use 4 Production courses

POTENTIAL PATHWAYS FOR ENGINEERING AND TECHNOLOGY

Technology
Foundations

Electronic
Systems I



Technology of
Robotic
Systems

2022-2023 COURSE REVIEWS

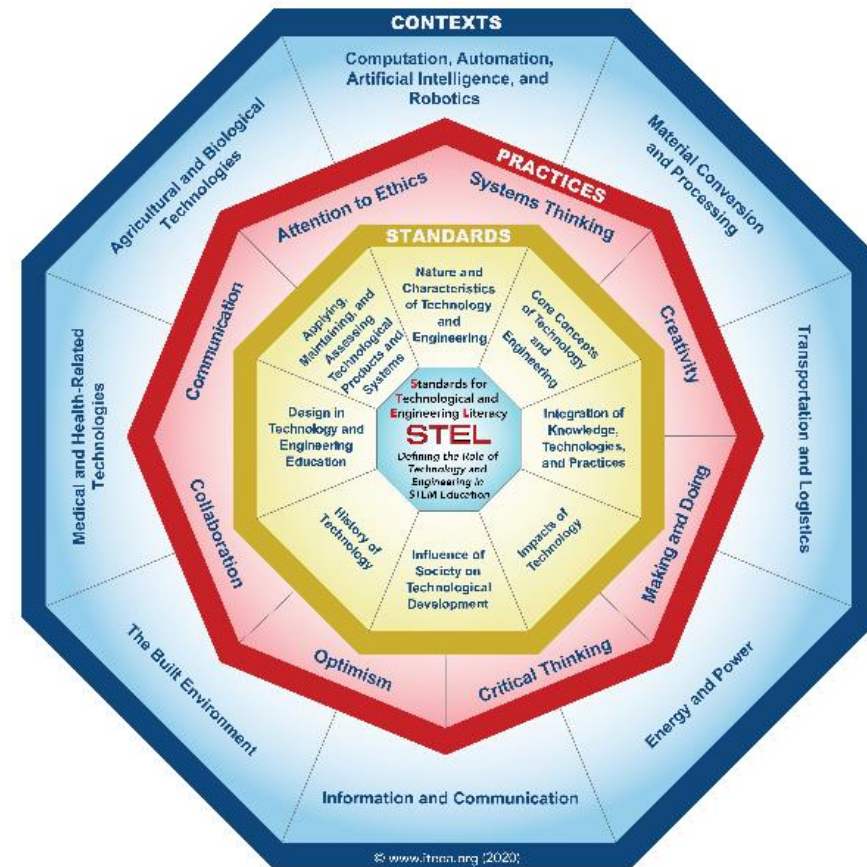
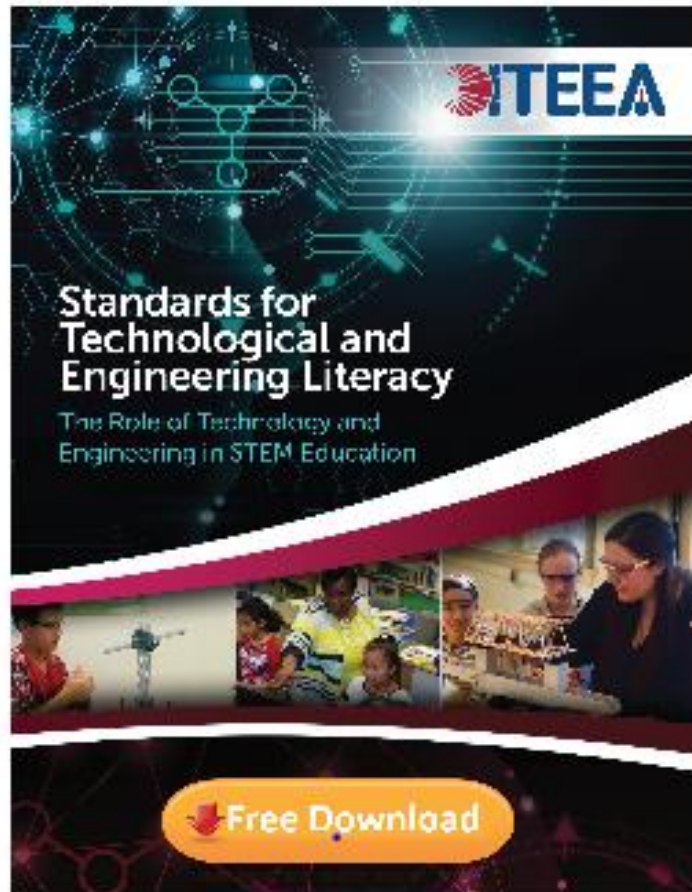
- December 5: Electronics Systems I, II, and III
- January 20: Engineering Explorations
- January 31: Digital Visualization
- February 3: Engineering Analysis and Applications and Engineering Studies
- February 13: Unmanned Aircraft Systems: New sequence course
- February 17: Engineering Concepts and Processes, Engineering Practicum
- February 23: Entertainment Design and Technology

CURRICULUM PANEL – HOW TO APPLY

- Web-based application using the CTE Application Processing System ([CTEAPS](#))
- Procedures for application process available on VDOE website
- Application process is ongoing

STANDARDS FOR TECHNOLOGICAL AND ENGINEERING LITERACY

- There are 8 Core Standards, 8 Practices, and 8 Contexts





Career
Success
Stars

- Video profiles of former students who are now in their 20s and 30s.
- Profiles will feature each of the 17 career clusters and one active military personnel.
- [Career Success Stars Video Profiles](#)

CREATING EXCELLENCE AWARDS

- Creating Excellence Awards promote best practices and recognizes outstanding CTE programs.
- Secondary CTE recognition is awarded in three categories:
 - Advisory Committee Awards
 - Business and Industry Partnership Awards
 - Program Awards

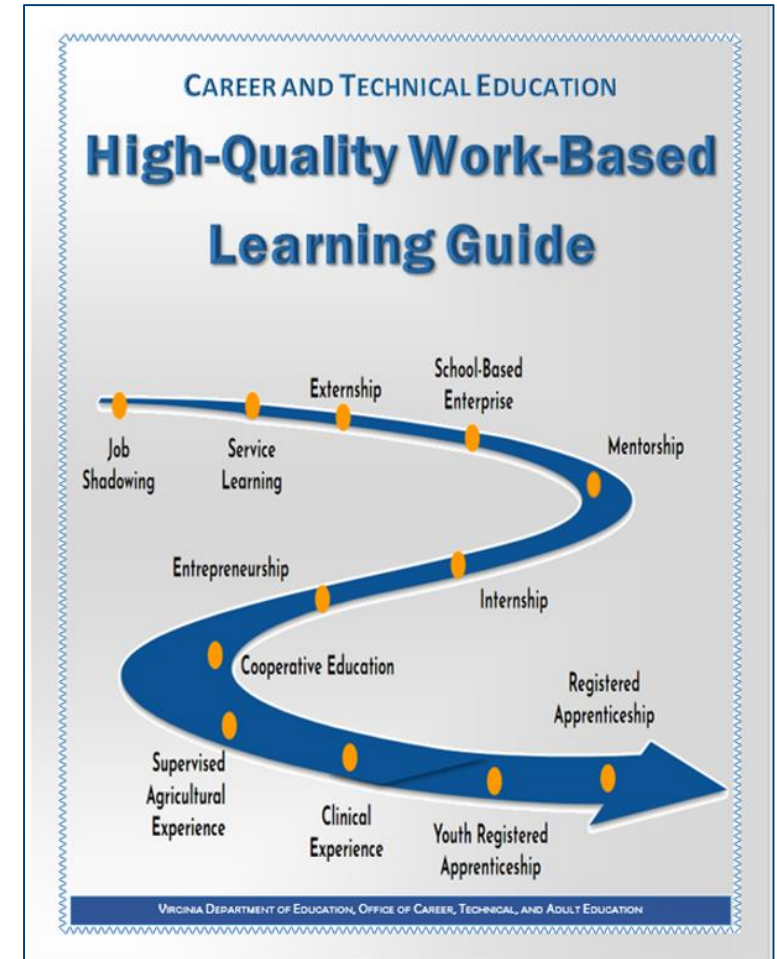
2023 Creating Excellence Awards

The Creating Excellence Awards promote best practices in education and recognize exemplary contributions that improve the quality of secondary and postsecondary CTE programs statewide.

Dates to Remember	
Local Judging	March 1, 2023
Deadline for submitting local award winner(s) application(s) to the VDOE	March 10, 2023
Judging Panel	April 6, 2023
Awards Luncheon	June 8, 2023

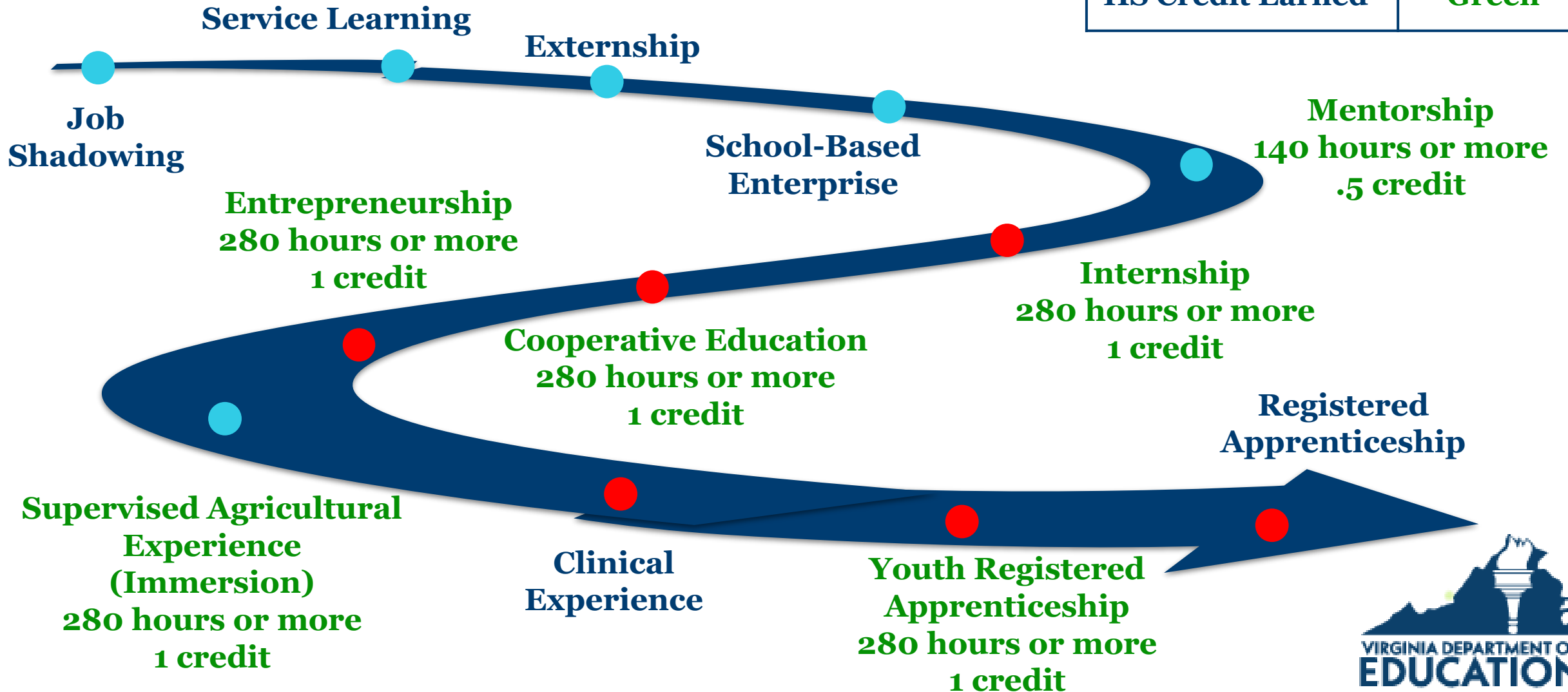
HIGH-QUALITY WORK-BASED LEARNING GUIDE

Career and Technical Education Work-Based Learning Guide (Word) is based on the redesigned methods of instruction for work-based learning effective August 4, 2022.



HQWBL EXPERIENCES

Grades 6-12	●
Grades 9-12	●
HS Credit Earned	Green



HQWBL Specialists

Sharon Acuff

Work-Based Learning Coordinator
sharon.acuff@doe.virginia.gov

Erika Temple

Work-Based Learning Specialist - Regions 1 & 3
erika.temple@doe.virginia.gov

Dr. Nikki Finley

Work-Based Learning Specialist - Regions 2
nikki.finley@doe.virginia.gov

Susan McNamara

Work-Based Learning Specialist - Region 4
susan.mcnamara@doe.virginia.gov

Amy Pultz

Work-Based Learning Specialist - Region 5
amy.pultz@doe.virginia.gov

Kim Radford

Work-Based Learning Specialist - Region 6
kimberly.radford@doe.virginia.gov

Dr. Jan Huffman

Work-Based Learning Specialist - Region 7
jan.huffman@doe.virginia.gov

Dr. Tamartha Hurt

Work-Based Learning Specialist - Region 8
tamartha.hurt@doe.virginia.gov

EMERGING TECHNOLOGY

Please talk about emerging technology with your students regularly.

They are the upcoming workforce and will be dealing with things that we may not even imagine!

<https://biolife4d.com/see-bioprinting-in-action/>

CLASSROOM/LABORATORY MANAGEMENT

Dr. Phil Reed

Old Dominion University

VIRGINIA DEPARTMENT OF EDUCATION



VIRGINIA TSA UPDATE

B.J. Scott

Virginia TSA State Advisor



VIRGINIA DEPARTMENT OF EDUCATION

QUESTIONS

Dr. Lynn Basham

Specialist, Technology Education and Related Clusters

Office of Career, Technical, and Adult Education

Virginia Department of Education

P. O. Box 2120

Richmond, Virginia 23218-2120

lynn.basham@doe.virginia.gov

804-786-4210

General Questions Regarding Career and Technical Education should be sent to:

cte@doe.virginia.gov; 804-225-3119

CTE Website: http://www.doe.virginia.gov/instruction/career_technical/

CTE Resource Center Website: <http://CTEresource.org>