

CAREER AND TECHNICAL EDUCATION (CTE) HIGH-QUALITY WORK-BASED LEARNING (HQWBL)

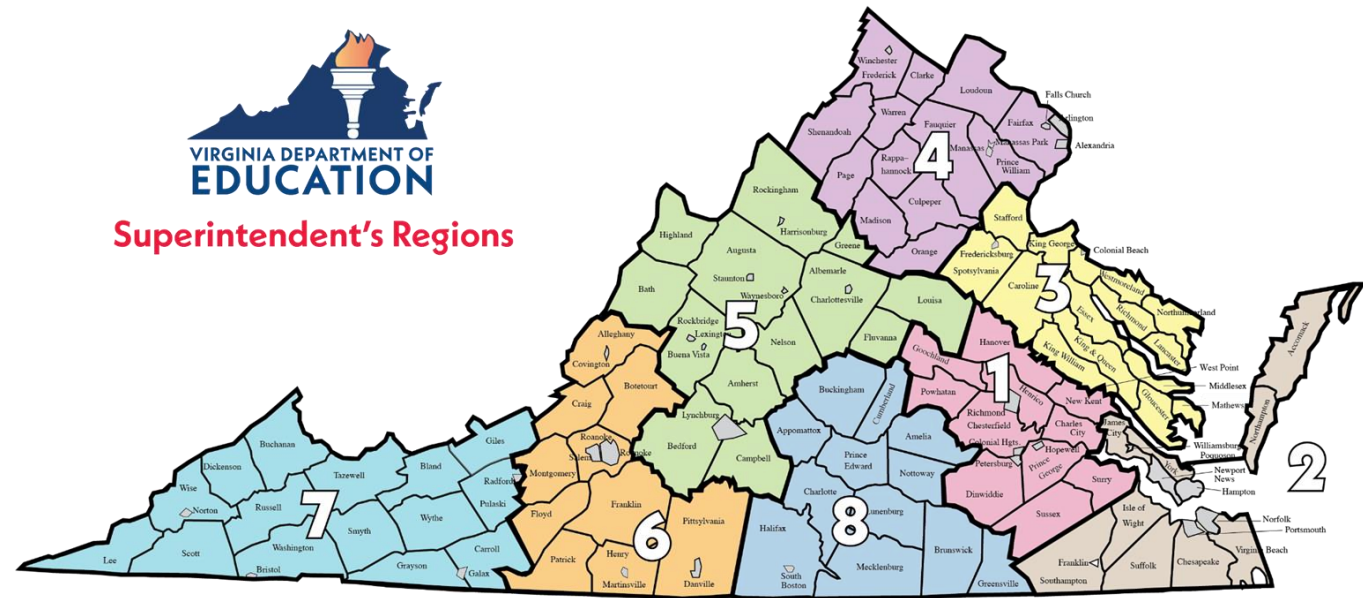
CTE Forum (Region 2: Southside)
May 4, 2023

VIRGINIA DEPARTMENT OF EDUCATION

CTE HQWBL REGIONAL ASSIGNMENTS

- **Coordinator**
Sharon Acuff
- **Current Regional Specialists**

Erika Temple	Region 1
Nikki Finley	Region 2
Patti Hodge	Region 3
Susan McNamara	Region 4
Amy Pultz	Region 5
Kim Radford	Region 6
Jan Huffman	Region 7
Tammy Hurt	Region 8



- ❑ 100% dedication to achieving HQWBL goals in each region
- ❑ Serving 131 school divisions across the Commonwealth

Today's Agenda

**CTE
Overview**

**CTE
HQWBL
Overview**

**CTE
HQWBL
Resources**

**CTE HQWBL
Connections**

CTE OVERVIEW

CAREER AND TECHNICAL EDUCATION (CTE)

What?

- Provides students of all ages with:
 - Academic and technical skills
 - Knowledge and training necessary to succeed in future careers and to become lifelong learners.

Where?

- Middle school
- Comprehensive high schools
- Area technical centers
- Regional technical centers

Credentials

- State-Issued Professional License
- Industry Certification
- Occupational Competency Assessment
- Workplace Readiness Skills (WRS) for the Commonwealth

Good for...

- Students
- Parents
- Businesses
- Communities

CTE ADDRESSES CHALLENGES

CTE Eases Hiring
Challenges



77%

of employers reported
hiring an employee in
part because of their
CTE experience.

84%

of employers who reported it being
'easy' to find qualified applicants
have hired a candidate based
on CTE experience.



Source: Advance CTE, 2022.

VIRGINIA'S 17 CAREER CLUSTERS

- Career clusters help to organize Virginia's Career and Technical Education programs and help students investigate careers and design their courses of study to advance their career goals.
- Career clusters are the grouping of occupations and industries that are used for:
 - Organizing curriculum design and
 - Career counseling and guidance
- Virginia has adopted the nationally accepted structure of career clusters, career pathways, and as well as created a 17th Energy Cluster.

VIRGINIA'S 17 CAREER CLUSTERS

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration
- Education & Training
- Energy
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

PROGRAMS OF STUDY

- . Strengthening Career and Technical Education for the 21st Century Act (Perkins V) requires us to develop more fully the academic knowledge and technical employability skills of secondary education and postsecondary students who elect to enroll in career and technical education programs and programs of study.
- . Programs of Study means a coordinated, non-duplicative sequence of academic and technical content at the secondary and postsecondary levels.

PURPOSE OF PROGRAMS OF STUDY

- Provides successful student transitions between secondary and postsecondary education.
- Includes academic and career and technical content in a coordinated, non-duplicative progression of courses.
- Leads to an industry-recognized credential or certificate at the secondary/postsecondary level or an associate or bachelor's degree.
- Includes the opportunity for secondary education students to participate in dual or concurrent enrollment courses or other ways to acquire postsecondary education credits.

PLAN OF STUDY

Middle School **Note: Indicate State Course Titles and SCED Codes**

Grade	English/ Language Arts	Mathematics	Science	Social Studies/ Social Science	Other Required Courses/ Recommended Electives/Learner Activities	Recommended Career and Technical Courses
7	English 7 (01035)	Math 7 (2037)	Life Science (03158)	U S History (04102/04103)	Introduction to Technology (8483)	Inventions and Innovations (8461)
8	English 8 (01036)	Math 8/Pre- Algebra (02038)	Physical Science (03159)	Civics & Economics (04161)		Technology Foundations (8403)

Secondary School **Note: Indicate State Course Titles and SCED Codes – High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)**

Grade	English/ Language Arts	Mathematics	Science	Social Studies/ Social Science	Other Required Courses/ Recommended Electives/Learner Activities	Recommended Career and Technical Courses
9	English (01001)	Algebra I (02052)	Earth Science I (03001)	World History/ Geography I (04052)	<ul style="list-style-type: none"> Economics & Personal Finance (19262) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE): 	Communication Systems I (8415)
10	English (01002)	Geometry (02072)	Biology I (03051)	World History/ Geography II (04053)	<ul style="list-style-type: none"> Economics & Personal Finance (19262) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE): 	Video and Media Technology (8497)
11	English (01003)	Algebra II (02056)	Chemistry I (03101)	VA/US History (04101)	<ul style="list-style-type: none"> Economics & Personal Finance (19262) Foreign Language (3 years) 	Music and Sound Production I (XXXX)

Grade	English/ Language Arts	Mathematics	Science	Social Studies/ Social Science	Other Required Courses/ Recommended Electives/Learner Activities	Recommended Career and Technical Courses
					<ul style="list-style-type: none"> Other Electives to Complement Pathway (Core Academic and CTE): 	
12	English (01004)	Probability and Statistics (02201)	Physics I (03151)	VA/US Government (04151)	<ul style="list-style-type: none"> Economics & Personal Finance (19262) Other Electives to Complement Pathway (Core Academic and CTE): 	Music and Sound Production II (XXXX)

List related certifications/credentials approved by VDOE and offered locally:

- Avid Certified Professional for Media Composer Certification Examination
- Avid Certified User for Media Composer Certification Examination
- Workplace Readiness Skills for the Commonwealth Examination
- National Career Readiness Certificate Assessment

ADDITIONAL LEARNING OPPORTUNITIES:

CTSO Organization(s):

- DECA ☐
- FBLA ☐
- FCCLA ☐
- FFA ☐

- Educators Rising ☐
- HOSA- Future Health Professionals ☐
- SkillsUSA ☒
- TSA ☒

Work-Based Learning:

- Job Shadowing ☒
- Mentorship ☒
- Internship ☒
- Service Learning ☒
- Clinical Experience ☐

- Externships ☒
- Cooperative Education ☒
- Youth Registered Apprenticeship ☒
- Registered Apprenticeship ☒
- Supervised Agricultural Experience ☐

CTE HQWBL OVERVIEW

Talent Pipeline Challenges

- More than one-third of workers feel less confident about skills to do their jobs well (compared to pre-pandemic)
- 46% of employees predict their current skills “will die out” in the next few years
- 58% of the workforce needs new skills to accomplish their jobs





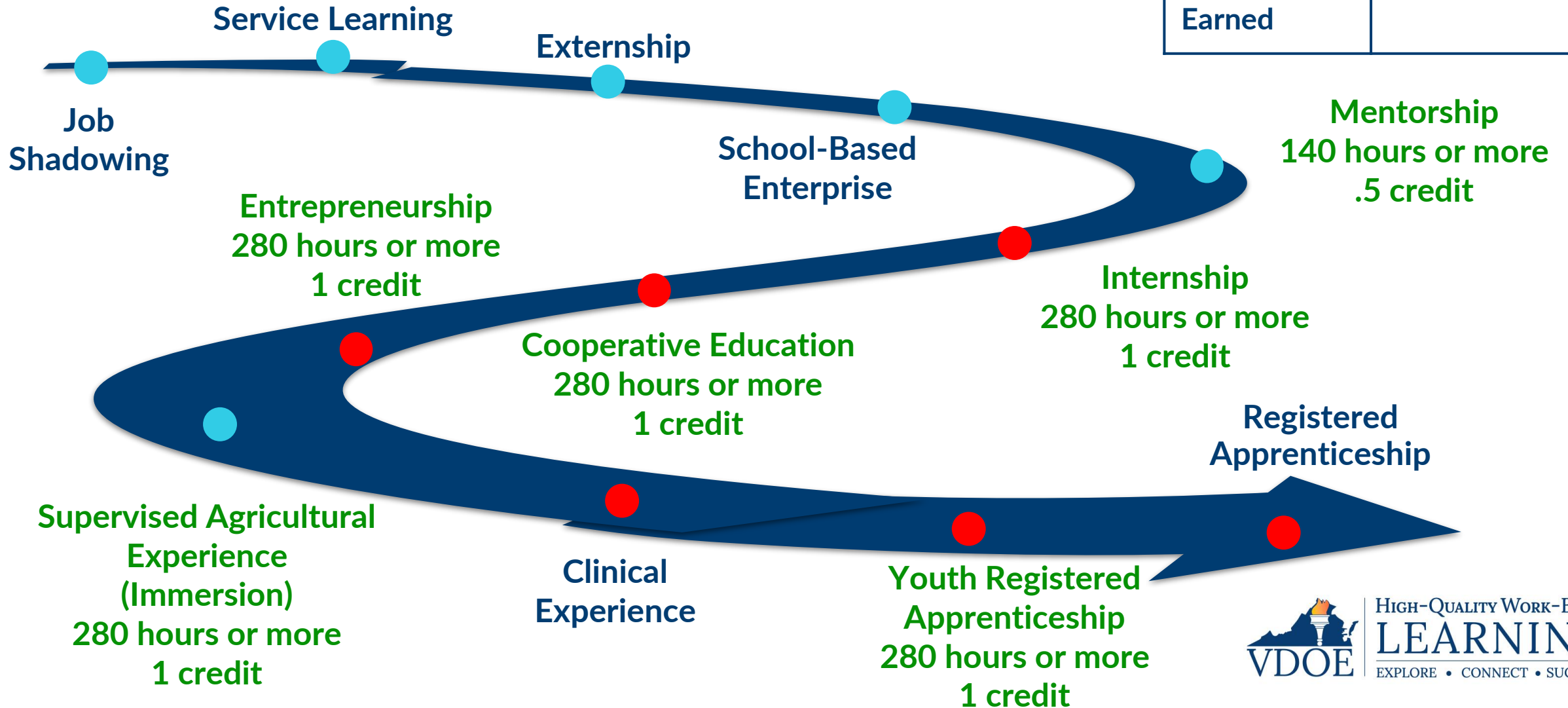
What is CTE HQWBL?

HQWBL is comprised of school-coordinated workplace experiences that are

- Related to students' career goals and/or interests;
- Integrated with instruction; and
- Performed in partnership with businesses and organizations

12 CTE HQWBL EXPERIENCES

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



HIGH-QUALITY WORK-BASED
LEARNING
EXPLORE • CONNECT • SUCCEED

The 12 CTE HQWBL Experiences Promote:

Career Awareness

- Identifies personal interests and talents
- Determines education and training needed for career goal

Career Exploration

- Explores personal career interests
- Connects pathways to chosen career
- Reinforces workplace readiness skills

Career Preparation

- Deepens student knowledge
- Develops necessary skills for success

Positive Impact of CTE HQWBL

Student Benefits

- Gain real world experience
- Develop professional skills
- Explore careers
- Connect experiences to future goals

Employer Benefits

- Develop talent pipeline
- Address staffing challenges
- Grow business brand awareness
- Contribute to economic growth

GRADUATION REQUIREMENTS

Per Code of Virginia § 22.1-253.13:4, students are required to

1. Complete an Advanced Placement, honors, International Baccalaureate, or dual enrollment course; or
2. Complete a high-quality work-based learning experience, as defined by the Board; or *
3. Earn a career and technical education credential that has been approved by the Board.

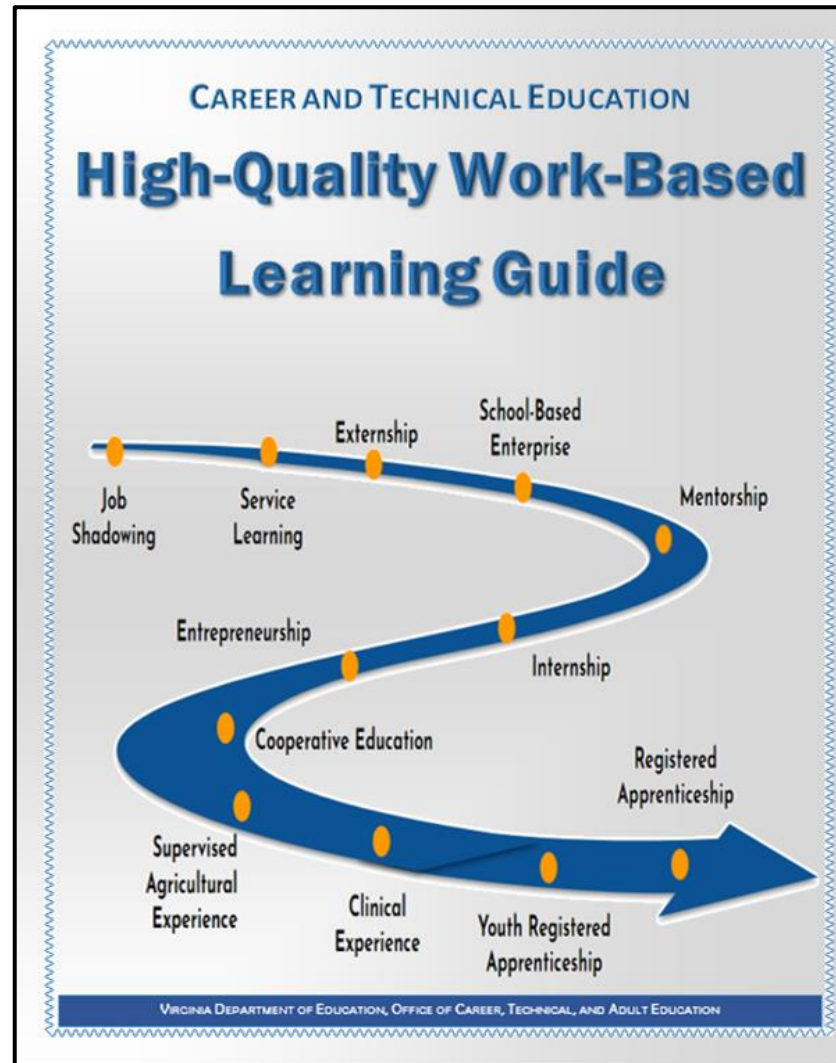


*Excluding: Job Shadowing and Mentorship of less than 140 hours

CTE HQWBL RESOURCES

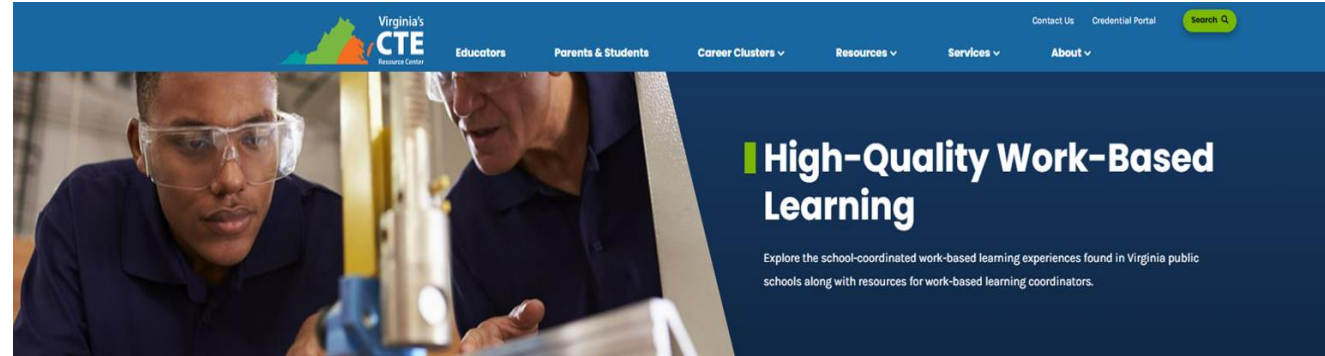
CTE HQWBL Guide

Your #1 Resource



CTE HQWBL Resources

- [CTE HQWBL Guide - #1 resource](#)
- [CTE HQWBL Time Log & Wage Calculator](#)
- Experience Works information
- Downloadable forms and resources



Job Shadowing

Places students in workplaces to interact with and observe one or more employers.

- 6th- to 12th-graders
- Varied hours

Service Learning

Goes beyond community service; students apply academic, social, and personal skills to improve the community, continue individual growth, and develop a lifelong ethic of service through project development.

- 6th- to 12th-graders
- Course duration
- May qualify as a graduation requirement

Externship

Student is paired with a working professional to observe and get a preview of the day-to-day activities needed for a career.

- 6th- to 12th-graders
- 40 hours; unpaid
- May qualify as a graduation requirement

School-Based Enterprise

An ongoing, student-managed entrepreneurial operation within the school setting that provides goods or services to meet the needs of the school's target markets.

- 6th- to 12th-graders
- Paid or unpaid
- May qualify as a graduation requirement

Mentorship <140 hours or >140 hours

Student is paired with a professional with first-hand experiences and a proven track record that becomes a source of guidance, motivation, wisdom, teaching, role model, and support.

- 6th- to 12th-graders; unpaid
- Credit option may be available (**140 hours or more only**)
- May qualify as a graduation requirement (**140 hours or more only**)

Internship

Student is placed in a real workplace environment to develop career-related knowledge and skills in a specific field to master specific skills.

- 11th- and 12th-graders
- Varied hours; paid or unpaid
- Credit option may be available
- May qualify as a graduation requirement

Entrepreneurship

The student plans, implements, operates, and assumes financial risks in a business that produces goods or delivers services.

- 11th- and 12th-graders
- Varied hours; paid or unpaid
- Credit option may be available
- May qualify as a graduation requirement

Foundational Supervised Agricultural Experience

Required, graded component of an agricultural education course.

- 6th- to 12th-graders; course duration
- Framework provided by National FFA

Immersion Supervised Agriculture Experience

Builds upon the Foundational Supervised Agricultural Experience; enhances agricultural industry knowledge; gains financial independence and management skills; supports the agricultural education coursework.

- 9th- to 12th-graders
- 280 hours; paid or unpaid
- Credit option may be available
- May qualify as a graduation requirement

Cooperative Education (Co-op)

Combines a rigorous and relevant curriculum with an occupational specialty.

- 11th- and 12th-graders
- 280 hours; paid
- Credit option may be available
- May qualify as a graduation requirement

Clinical Experience

Students are placed in a variety of healthcare settings and observe patients at different stages to apply classroom instruction and gain a better understanding of the professions.

- 11th- and 12th-graders
- Varied hours; unpaid
- Within course credit
- May qualify as a graduation requirement

Registered Apprenticeship

Employer provides on-the-job training and related technical instruction, which can be credited toward an adult RA program.

- Minimum 16 years old
- Paid; part-time or full-time
- Employer must be registered with VDOLI
- May qualify as a graduation requirement

Youth Registered Apprenticeship

Employer provides on-the-job training; CTE programs provide the related technical instruction, which can be credited toward an adult RA program.

- Minimum 16 years old
- Paid; part-time or full-time
- Employer must be registered with VDOLI.
- Credit option may be available
- May qualify as a graduation requirement

For
Schools,
Students
& Parents

For
Business
Partners

CAREER AND TECHNICAL EDUCATION HIGH-QUALITY WORK-BASED LEARNING OPPORTUNITIES

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Youth Registered Apprenticeship

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- Minimum 16 years old
- Paid; PT or FT position
- Employer must be registered with VDOLI.

Registered Apprenticeship

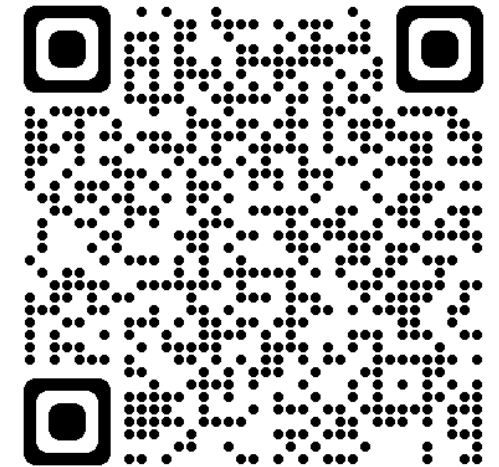
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- Minimum 16 years old
- Paid; part-time or full-time
- Employer must be registered with VDOLI.

CTE HQWBL PROFESSIONAL DEVELOPMENT



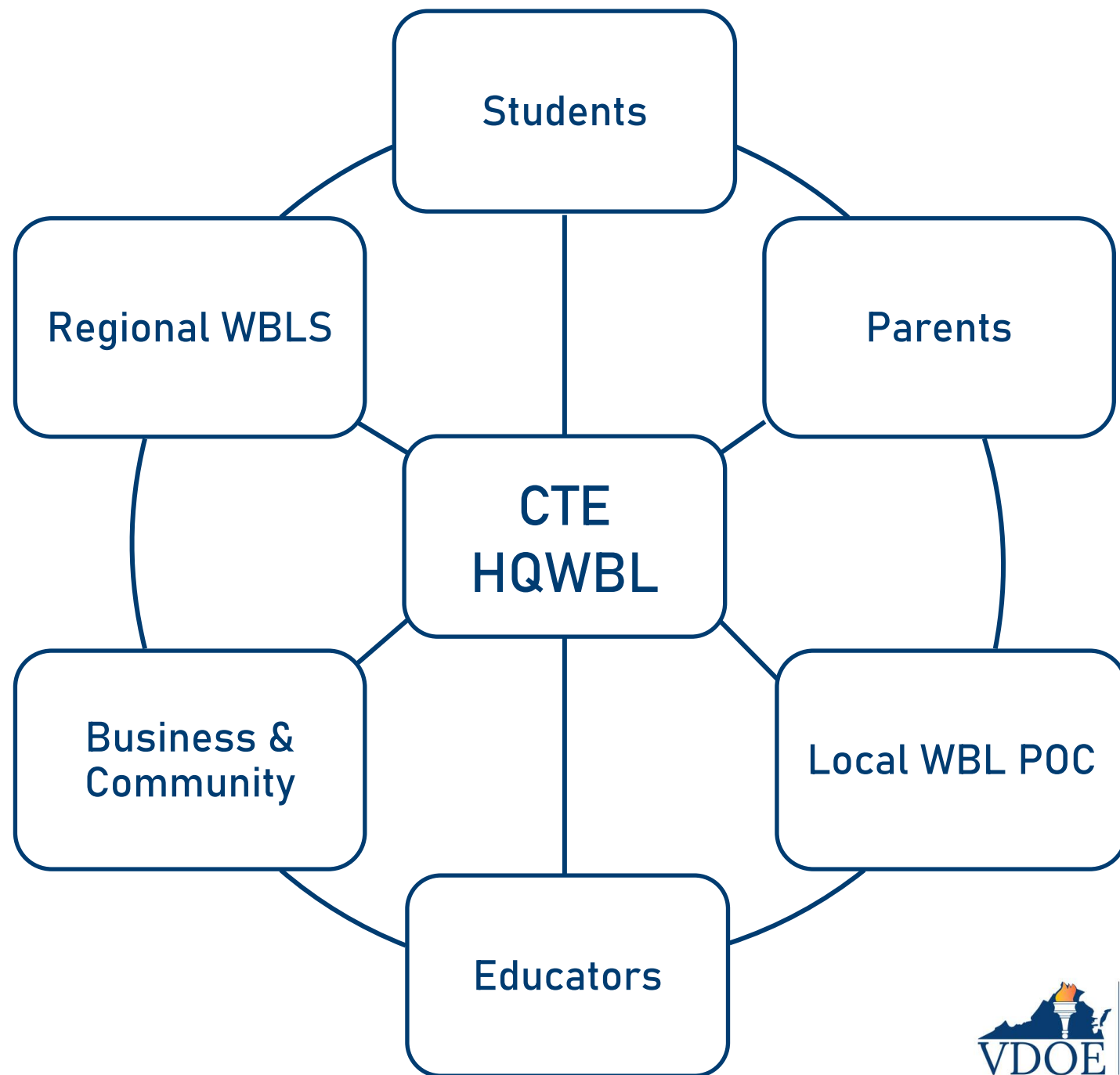
June 28-29, 2023



HIGH-QUALITY WORK-BASED
LEARNING
EXPLORE • CONNECT • SUCCEED

CTE HQWBL CONNECTIONS

WE'RE ALL IN THIS
TOGETHER



Making Connections

- Connect with your local WBL point of contact
 - Contact your Regional Work-Based Learning Specialist
- Utilize resources – CTE HQWBL Guide #1 resource
- Understand the CTE HQWBL three criteria
- Understand the importance of CTE HQWBL documents
- Adhere to labor laws and regulations



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