



Vol State Course Alignment with Targeted TDOE CTE Programs

- **Information Technology: Cybersecurity**
- **Information Technology: Networking Systems**
- **Information Technology: Coding**
- **Information Technology: Web Design**

Action Steps

- Review Vol State CTE-aligned courses and credentials below
- Request sample syllabuses if additional course information is needed
- Contact the Dual Enrollment Office to explore questions and next steps:
 - Course modality and location
 - Credentialing a high school faculty member to teach the dual enrollment course
 - Discuss course type (university parallel vs. vocational/career)
 - Discuss the purpose of the course and/or transferability of courses
- Communicating course selection with the high school counselor for master scheduling
- For in-person classes at the high school, ensure the required facilities, equipment, and software

Regarding Course Instructors

- For most approved dual enrollment courses in each modality, Vol State provides the instructor.
- The availability of a qualified professor for the desired modality is one key factor in a course being approved and offered.



- Some high schools seek to have one of their high school instructors credentialed to teach the course for dual enrollment in person at the high school. To learn more about how high school teachers can be credentialed to teach Vol State courses for dual enrollment, [click here](#).



TDOE CTE Program of Study – Vol State Course Alignment Grid

- In the grid below, some CTE programs of study may have more than one course option listed.
- These courses have a curricular scope that aligns with one or more levels in the TDOE course descriptions.
- In discussion with Vol State regarding course availability and assigned instructor, each high school should evaluate:
 - Which Vol State course or courses they want to use in their CTE program study.
 - What level or levels they will assign these Vol State courses to in their CTE program of study.
 - Click on each course for more information.

Cluster	Program of Study	Vol State DE Course Options
Information Technology	Cybersecurity	CITC 1351 *Principles of Information Assurance
	Networking Systems	CITC 1302 *Introduction to Networking CITC 1320 *CompTIA A+ CITC 2367 *Cloud Essentials
	Coding	CISP 1010 Computer Science I
	Web Design	CITC 1300 *Beginning HTML and CSS



Related Vol State Credentials

Vol State TC and/or AAS	Vol State University Parallel Degrees
Technical Certificates (TC): <ol style="list-style-type: none"> 1. Computer Information Technology TC The TCs stack into the following AAS options: Associate of Applied Science (AAS): <ol style="list-style-type: none"> 1. CIT, AAS – Cyber Defense 2. CIT, AAS – Networking 3. CIT, AAS – Programming 	University Parallel, Associate of Science (AS): <ol style="list-style-type: none"> 1. Univ Parallel, AS – Computer Science
Purpose: Prepare students for direct career entry. Shorter time needed to complete credential to be career ready.	Purpose: Complete first half of the related bachelor's degree. Prepare students to transfer to a four-year institution and continue as a junior. The AS is intended for direct career entry.
Math: Highest math required is MATH 1010 Math for General Studies.	Math: Higher math requirements begin with MATH 1910 Calculus I.
Natural Science: No natural science course requirement.	Natural Science: Requires advanced natural science coursework such as Gen Bio, Gen Chem, or Physics.



Vol State Course and Credential Alignment Grid

Courses	Technical Certificate	CIT AAS Concentrations			University Parallel (Transfer Degrees)
		CIT	Cyber Defense	Networking	
CITC 1300				•	
CITC 1302	•	•	•	•	
CITC 1320	•	•	•	•	
CITC 1351		•			
CITC 2367	•	•	•	•	
CISP 1010					•

Links and Connections

- Email us at dualenrollment@volstate.edu with any questions
- To learn more about Vol State credential types (differences between AS, AA, AAS, Technical Certificate) and course types, [click here](#).
- To learn more about Vol State course types and student eligibility, [click here](#).
- To learn more about how high school teachers can be credentialed to teach Vol State courses, [click here](#).