



Vol State Course Alignment with Targeted TDOE CTE Programs

- **Health Science: Emergency Services**
- **Health Science: Nursing Services**
- **Health Science: Behavioral Health**

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 at dualenrollment@volstate.edu to explore and discuss the following:
 - Course modality and location
 - Vol State faculty or credentialing a high school faculty member to teach the dual enrollment course
 - Course type (university parallel vs. vocational/career)
 - Purpose and/or transferability of the desired course(s)
- Communicate course selection with the high school counselor for master scheduling.
- Ensure the required facilities, equipment, and software are available for in-person classes at the high school.

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](#).



Notes about Health Sciences and Nursing Programs at Vol State:

- Vol State offers many post-secondary options for high school students who are pursuing careers in healthcare:
 - Vol State has several [health sciences programs](#), each of which are either an Associate of Applied Science or Technical Certificate.
 - Vol State has [two pathways for nursing](#):
 - **Pre-Nursing AS** pathway that prepares students to apply to BSN programs.
 - **Vol State Nursing AAS**
- Vol State's health sciences programs and the Nursing AAS:
 - Are all competitive admissions programs
 - Most have prerequisite course requirements and require students to follow the following process:
 - First, complete all course and other prerequisite requirements
 - Second, apply to the program according to the program's screening timeline
 - Third, if successfully admitted to the program, follow the program timeline for enrolling and completing course requirements
 - Specifics about each program can be found in the information packets for each program:
 - [Health Sciences Information Packets](#)
 - [Nursing AAS Information Packet](#)
 - In general, high school students will not have access to screening and admittance to the health sciences and nursing program. However, the **primary opportunity for dual enrollment** on these pathways is with the **prerequisite course requirements** (see table below) and many prerequisites are common across the programs. Please note that depending on the desired program, completing one or more of the pre-requisites for a desired program through dual enrollment may not shorten the standard post-secondary timeline for becoming eligible for the program. This is due to the following:
 - Most of the health sciences programs and the nursing program at Vol State admit one cohort per year and at one point each year, which varies by program.
 - All prerequisites must be met to be eligible to apply and screen for the programs.



Recommended Next Steps

- Explore the program information on Vol State’s website linked above.
- Contact Vol State’s Dual Enrollment office (dualenrollment@volstate.edu) to set up:
 - An opportunity to tour the health sciences and nursing facilities
 - A meeting to speak with the health science and nursing programs about your program needs and to map out dual enrollment opportunities and to optimize timeline options for your students.

Vol State Health Sciences and Nursing Prerequisite Course Grid

- The first table contains a list of prerequisite courses required by some or all Health Sciences and Nursing programs at Vol State.
- The second table shows which programs require which courses.

Course Rubric	Course Name	Course Rubric	Course Name
ENGL 1010	English Composition I	Social and Behavioral Science Courses:	
AHC 115	Medical Terminology	PSYC 1030	Introduction to Psychology
Math Courses:		PSYC 2130	Lifespan Development Psychology
MATH 1010	Math for General Studies	SOCI 1010	Introduction to Sociology
MATH 1530	Introductory Statistics	Other	Visit the Vol State course catalog
MATH 1130	College Algebra	Natural Sciences¹	
MATH 1710	Pre-Calculus Algebra	BIOL 2010	Human Anatomy and Physiology I
Other	Visit the Vol State course catalog	BIOL 2020	Human Anatomy and Physiology II
Humanities/Fine Arts Courses:		BIOL 2240	Microbiology
PHIL 1040	Introduction to Ethics	CHEM 1030	Fundamentals of Chemistry
Other Hum/FA	Visit the Vol State course catalog		

1. Due to natural science lab requirements, natural science courses must typically be held on the Vol State campus. If the high school prefers to explore the option of hosting a natural science course at the high school, email dualenrollment@volstate.edu to set up an appointment with the Math and Science Division.



Vol State Course and Credential Alignment Grid

Program Prereqs	Associate of Applied Science										Univ. Parallel
• = required; other required courses are specified	Hea Sci: Dental Assisting AAS	Hea Sci: Sleep Diagnostic s AAS	Hea Sci: Paramedic AAS	Health Info Mgmt AAS	Medical Lab Tech AAS	Ophth Tech AAS	Physical Therapist Asst AAS	Rad Tech AAS	Resp Care AAS	Nursing AAS ¹	Pre-Nursing AS ^{1,2}
ENGL 1010	•	•	•	•	•	•	•	•	•	•	•
Humanities/Fine Arts Course	Any	Any	Any	PHIL 1040	Any	Any	PHIL 1040 preferred	Any	Any	Any	Any 3 (incl lit)
Math	Any math or nat sci	Any math or nat sci	Any math or nat sci	MATH 1530	Any math	Any math	MATH 1130 or 1710	MATH 1530, 1130, or higher	MATH 1530, 1130, or higher	MATH 1530	MATH 1530, 1130, or other ³
AHC 115	Elective	Elective	Elective	•	Elective	•	•	•			Elective
PSYC 1030 or other Soc/Beh	PSYC 1030 or 2120	PSYC 1030 or 2120	PSYC 1030 or 2120	PSYC 1030	PSYC 1030	PSYC 1030	PSYC 1030	Any Soc/Beh	Any Soc/Beh	PSYC 1030	PSYC 1030 & SOCI 1010
BIOL 2010	Preferred	Preferred	Preferred	•	•	•	•	•	•	•	•
BIOL 2020				•	•		•	•	•	•	•
CHEM 1030⁴											•

1. Nursing AAS and Pre-Nursing AS also require BIOL 2230 Microbiology

2. Pre-Nursing AS includes other general education courses not required by AAS degrees. Visit the Vol State catalog for the full list of required courses.

3. The Pre-Nursing AS prepares students to transfer to a BSN after completing the AS degree. Since math requirements may vary by BSN program, the Pre-Nursing AS is able to accept a wide range of math classes depending on where the student plans to transfer.

4. Chemistry is required by many BSN programs. May also be used as a prereq for BIOL 2010 when other placement scores are not sufficient to meet the course requirement.



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](#).