



Technology Education

About this Composite Major



The Technology and STEM Education Online Teacher Prep Program at VCSU supports both online and face-to-face students. This program models project and problem-based hands-on learning as well as inquiry-based learning. The design challenges offered in the curriculum require critical thinking skills and problem-solving abilities. VCSU's Online Technology Education Program has licensed and certified teachers all across the United States. The Technology Education program supports the STEM fields of science, technology, engineering, and mathematics. This program stresses important skills, knowledge, and program learning outcomes related to Technology Education and STEM content, application, and methodology.

Meet a Student

"I was doing a practicum day in a middle school in inner city Wichita and the teachers were blown away with what I am learning in this program. Being in that school reaffirmed the reasons I decided to teach. I know I have something to give to these kids and can't wait to make a difference. They were ready to find me a job in the district; I believe I will be doing my student teaching there with them. If it was not for Valley City State, I would not even be able to have this chance. Thank you." —Brandon Watkins

Get Involved in your Major

- Kappa Delta Pi (KDP)
- Student North Dakota United (SNDU)

Unique Online Options



The Technology Education faculty and staff work with a wide variety of students online and face-to-face. Each course has an accompanying STEM Kit shipped to the student to support unit research and lab assignments and acquisition of course content and program learning outcomes.

Accreditations

- Council for the Accreditation of Educator Preparation (CAEP)

Teacher Education Requirements

Students are typically admitted into Teacher Education during their sophomore year or beginning of their junior year of college. This program requires a minimum cumulative GPA of 2.75 or higher and successful completion of the Praxis I test. Additional criteria for Admission to Teacher Education can be found at the following website: www.onestop.vcsu.edu (<https://onestop.vcsu.edu/support/solutions/articles/10000052001-teacher-education/>).

Contact Information

Department Chair and Faculty Contact

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Department Location

Regional Technology Center, Suite 2, (701) 845-7444

Schedule your visit today!

<http://visit.vcsu.edu/>, (701) 845-7101 or (800) 532-8641



Plan of Study

First Year

Fall	Credits	Spring	Credits	Summer	Credits
CIS 170 or SE 110 (Gen Ed)	3	Art and Music (Gen Ed)	3	Gen Ed or Electives Option	
ENGL 110 (Gen Ed)	3	ENGL 120 (Gen Ed)	3		
MATH 104 (Gen Ed)	3	PSYC 111 (Gen Ed)	3		
TECH 161 (Gen Ed)	4	STEM ED or TECH Directed Elective	3		
TECH 325	3	TECH 330	3		
	16		15		0

Second Year

Fall	Credits	Spring	Credits	Summer	Credits
COMM 110 (Gen Ed)	3	Lab Science (Gen Ed)	4	Gen Ed or Electives Option	
EDUC 240	3	PSYC 250	3		
EDUC 250	3	EDUC 283	3		
STEM ED or TECH Directed Elective	3	STEM ED or TECH Directed Elective	3		
STEM ED 433		TECH 356	3		
	15		16		0

Third Year

Fall	Credits	Spring	Credits	Summer	Credits
Additional Humanities or Social Science (Gen Ed)	2	HPER 100 (Gen Ed)	2	Gen Ed or Electives Option	
EDUC 351	1	EDUC 300	2		
EDUC 352	1	EDUC 400	2		
EDUC 375	2	STEM ED or TECH Directed Elective	3		
STEM ED or TECH Directed Elective	3	STEM ED or TECH Directed Elective (Rec: CTE 434 - If ND Job Seeker)	3		
STEM ED or TECH Directed Elective (Rec: CTE 431 - If ND Job Seeker)	3	STEM ED 453			

TECH 478	3		
	15	15	0
Fourth Year			
Fall	Credits	Spring	Credits
Literacies (Gen Ed)	3	EDUC 480	10
Social Science (Gen Ed)	3	TECH 491	1
EDUC 450	2		
STEM ED or TECH Directed Elective	3		
STEM ED or TECH Directed Elective	3		
STEM ED 413	3		
	17	11	

Total Credits 120

Please note: This plan is intended for general information only. Students are strongly encouraged to meet with their academic advisor each semester before registration.

Learning Outcomes

1. Methodology – Students will develop knowledge necessary for program development, implementation, evaluation and assessment of student learning.
2. Content – Students will acquire knowledge and skills necessary to demonstrate competence in technological literacy
3. Application – Students will demonstrate competency in technology education content and apply this knowledge in real world experiences.