VALLEY CITY
STATE UNIVERSITY

Minnesota State
Community and Technical College

Technology Education Articulation Agreement
Between Minnesota State Community and Technical College
and Valley City State University

Introduction: This articulation agreement formally recognizes that Valley City State University (hereinafter VCSU) and Minnesota State Community and Technical College (hereinafter M State) are educational institutions which agree to work together to provide educational opportunities for the students of their institutions.

Purpose: The purpose of this agreement is to provide a seamless transfer from M State to block transfer to VCSU. Students will earn a Liberal Arts and Sciences Associate of Arts Degree from M State and a Bachelor of Science in Education degree in Technology Education from VCSU.

Motivating Principles and Values:

1. Students will be well served by the partnership and the high-quality teacher education program set forth in this agreement.
2. This partnership will benefit the educational needs by providing high quality teacher education graduates.
3. Both campuses will maintain compliance with state and national accreditation guidelines that ensure teacher quality.
4. This partnership will provide a high-quality collaborative program to students in a convenient, timely, flexible, and cost-effective manner.

Accreditation: VCSU is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, The Council for the Accreditation of Educator Preparation (CAEP) and approved by the State of North Dakota Education Standards and Practices Board (ESPB). Minnesota State Community and Technical College is accredited by the Higher Learning Commission (HLC).

Longevity of Agreement: This agreement will be in effect for five academic years, beginning August 1, 2024. If the program is terminated, students who have begun the program and are in the process of completion will be allowed to finish within a one- or two-year timeline. This agreement will be reviewed annually to reflect changes in curricula and campus procedures and policies.

Termination or Revisions: M State and VCSU agree to provide at least 90 days advance written notification of their intent to terminate the agreement. All revisions of this agreement require written approval by those who sign this agreement or their successors. Mutually agreed upon amendments to this agreement may be approved by those who sign this agreement or their successors.

Governance and Management: This agreement shall be governed by the academic policies and procedures of M State and VCSU. According to the requirements and conditions of the program and accreditation guidelines, the Technology Education Program will be governed by the School of Education at VCSU. A Joint Technology and Engineering Education Program Committee will resolve any instructional and logistical issues.

The Joint Technology and Engineering Education Program Committee will consist of

the following: M State Representatives:

- One Representative from the School of Applied Technology

VCSU Representatives:

- Vice President for Academic Affairs
- Dean for School of Education
- Chair of Technology Education Department

Instructional Delivery: Articulated coursework taken from VCSU Bachelor of Science in Technology Education will be delivered to the M State students using various distance delivery technologies unless otherwise specified.

Advising: M State will provide an on-site advisor. The advisor will be the source of information for advisees concerning any special considerations relating to this cooperative program. The third-year students will be appointed a VCSU advisor who will provide expertise regarding VCSU policies and procedures, e.g., transfer, graduation requirements, pre-requisites.

Admission: Students taking M State course(s) must apply and be accepted for admission at M State. Students taking VCSU course(s) must apply and be accepted for admission at VCSU. All admission policies at the respective institutions will apply.

It is agreed upon that M State will provide general education courses, supplementary curriculum, CTE required courses, professional education sequence courses, and elective courses which satisfy VCSU graduation requirements of students enrolled in this program, based on M State minimum enrollment standards, and articulated courses listed in this agreement.

Registration: Each institution will follow its own policies and procedures for registering students for their course(s). M State will be responsible for registering students in their course(s), and VCSU will be responsible for registering student(s) in their course(s). Registering for M State and VCSU course(s) will be separate functions. Registration for course(s) will follow the respective institution's timeline and procedures, including add/drop and withdraw.

Graduation Requirements: A minimum of 120 total credits are required for a bachelor's degree and must be taken from the appropriate categories. Students must complete a minimum of 30 hours of upper-level (300-400 level) credits from VCSU to complete graduation requirements from VCSU. Credit hours earned at M State that do not meet general education requirements, technical specialty requirements or teaching option requirements will be used for electives courses.

As part of VCSU graduation requirements, students must develop a digital portfolio that illustrates the best evidence of meeting the program learning outcomes, abilities, and skills requirements for their degree.

Tuition and Fees: Assessment and collection of tuition and fees will be done by the institution that is responsible for the courses. That is, VCSU will be responsible for assessing and collecting all fees for courses offered by VCSU and the same is true of M State. All tuition and fees will be collected in accordance with the established policies of the institution to which these payments are due.

VCSU charges for tuition and fees are based on the student's state of legal residency.

Marketing: VCSU will be responsible for providing M State with marketing materials to distribute to prospective students. M State will display information about this agreement on their transfer website. M State will work collaboratively with VCSU to identify prospective students for this program.

Textbooks: Textbooks for the VCSU courses will be purchased through the VCSU bookstore. Textbooks for the M State courses will be purchased through the M State bookstore.

Financial Aid: Students enrolled in a M State two-year degree program will have all aspects of their Federal Title IV Financial Assistance administered by M State's Financial Aid Office. This includes, but is not limited to:

- Processing of FAFSA and other applications, determination of eligibility, awarding, and disbursement of funds.
- Assessment and enforcement of satisfactory academic progress standards.
- Calculation and distribution of refunds.
- Administration of all aspects of the Federal Direct Loan Program.

During the student's enrollment at M State, M State policies and procedures will apply. Student budgets (Cost of Attendance) used in establishing aid amounts will be the same as those used for awarding federal aid to other M State students. A contact person from the M State Financial Aid Office will be identified to work with a contact person from the VCSU Financial Aid Office.

Once students block transfer to VCSU, VCSU will be responsible for awarding aid to students who have been admitted to VCSU. Students will have all aspects of their Federal Title IV Financial Assistance administered by VCSU Student Financial Aid Office. This includes, but is not limited to:

- Processing of applications, evaluation of eligibility, awarding, and disbursement of funds.
- Assessment and enforcement of satisfactory academic progress standards.
- Calculation and distribution of refunds.
- Notifying changes in enrollment status to lenders under the Federal Direct Loan Program.

During enrollment in the VCSU Technology Education Program, VCSU policies and procedures will apply. Student budgets (cost of attendance) used in establishing aid amounts will be the same as those used for awarding federal aid to other VCSU students with the same residency. A contact person from the M State's Financial Aid Office will be identified to work with the contact person from the VCSU Financial Aid Office.

Students on the M State campus are not eligible for VCSU sponsored scholarships, waivers, or student work-study while pursuing a degree from VCSU. Students enrolled in the VCSU program are not eligible for M State's sponsored scholarships or waivers.

Students may be employed in a M State student employee position funded through institutional funds if enrolled in at least six (6) M State credit hours during each semester of employment and must meet all M State student employee requirements.

Should a student drop credits during the semester at the "host" campus, the "host" campus is responsible for immediately notifying the "home" campus Financial Aid Office.

Entrance and exit loan counseling requirements will be met with the use of electronic counseling available through the website https://mappingyourfuture.org/oslc/ (for Perkins Loans) and https://studentloans.gov/myDirectLoan/index.action for all Federal Direct Loans.

After students are admitted to VCSU, satisfactory progress will be monitored based on VCSU policy to assure that satisfactory progress requirements are met.

Student Services: VCSU students at M State who are enrolled in at least one M State course will have the same access to student services as full-time M State students.

Academic Support Services: M State will provide tutoring and disability support services for M State courses. VCSU will provide tutoring and disability support services for VCSU courses. If students have documented disabilities that may affect their academic experience and are seeking accommodations, it is their responsibility to supply documentation and make a request for services through the office of Student Academic Services as soon as possible.

Technology and Support Services: VCSU will provide students in this program with adequate technical support in a timely manner for the courses taken from VCSU. M State will provide students in this program with adequate technical support in a timely manner for the courses taken from M State.

Students enrolled in at least one VCSU course will have full access to VCSU technology services, including VCSU wired and wireless computer network, Blackboard account, VCSU email/messaging account, printer access, and computer peripheral equipment checkout. Students may elect to pay the VCSU technology "buy up" fee if they would like full-time access to a VCSU laptop according to the established procedures. Please contact VCSU technology services for additional information by phone at 701-845-7340 option 1.

All online students in VCSU courses are expected to abide by the technical requirements, as outlined by university policy.

Academic Procedures: VCSU academic guidelines, policies, and procedures for the students enrolled in courses through this arrangement on the M State campus apply regarding the following:

- Academic probation/suspension
- Graduation honors
- Academic honors
- Official withdrawal
- Course load limitation

M State and VCSU's respective academic guidelines, policies, and procedures for students enrolled in courses through this arrangement on the M State campus apply on a course-by-course basis regarding the following:

- Course repetition
- Incomplete work
- Course challenges
- Attendance

- Add/Drop dates for individual classes

VCSU's Online Program Director for Technology Education (701-845-7447) will be the agreement manager for the articulation between M State and VCSU.

Amendments to the Agreement: Mutually agreed upon amendments to this agreement may be approved by those who sign this agreement or their successors. The agreement may be terminated at any time through joint action of the two presidents with adequate provision for currently enrolled students.

MN PELSB: M State students successfully completing the prescribed education program will graduate from VCSU with a Bachelor of Science in Education with a Major in Technology Education. Upon execution of this agreement, M State and VCSU will work with Lakes Country Service Cooperative (LCSC) to satisfy the Minnesota Professional Educators Licensing and Standards Board (PELSB) requirements to be properly licensed educators in Minnesota and/or North Dakota.

Disclaimer: Minnesota offers full reciprocity. At the time of the initial evaluation for a Minnesota Teaching License, educators will be considered for all areas listed on his or her valid, comparable out-of-state license.

Below is a list of General Education Requirements for Block Transfer to the VCSU Technology Education Program. General Education requirements for an Association of Arts Degree as determined by M State. Students take the following directed general education courses at M State while earning a 60-credit Liberal Arts and Sciences Associate of Arts Degree.

VCSU Technology Education Gen Ed Requirements		M State Gen Ed Requirements	
Course	Credits	Course	Credits
English Composition		Written Communication	
ENGL 110 College Composition I	3	ENGL 1101 College Writing	3
ENGL 120 College Composition II or ENGL 125 Intro to Professional Writing	3	ENGL 1205 Writ About Lit or ENGL 1210 Writ Cur Iss ENGL 1215 Professional and Technical Writing	3
Speech Communication - Select one of the following		Oral Communication - Select one of the following	
COMM 110, 212, 216	3	COMM 1120, 1130, 1140	3
Mathematics - Select one of the following		Mathematics - select one of the following	
MATH 103, 104, 107, 110, 165, 210	3	MATH 1100, 1102, 1114, 1115, 1116, 1118, 1122, 1134 1135, 1207, 1213, 2200, 2231, 2257	3
Lab Science - Select two of the following	8	Physical & Life Sci - Select two of the following - 1 must have lab	
Natural and Physical Sciences		BIOL 1102, 1104, 1107, 1108, 1115, 1122, 1123, 1152, 1161, 1170, 2010, 2202, 2240, 2260, 2261, 2262, 2263, 2267, 2268; CHEM 1100, 1101, 1111, 1112, 1115, 2224, 2225; GLST 1510; PHYS 1105, 1106, 1108, 1120, 1401, 1402, 1411, 1412	7
BIOL 111, 150, 151, 170; CHEM 115, 116, 121, 122; GEOL 100, 106; PHYS 100, 110, 211, 212, 251, 252			
Additional Sciences			
PSYC 240; TECH 161			
Wellness - Select one of the following		Wellness	
HPER 100, 212	2		
Computer Sci & Lit - Select one of the following		Computer Information Systems - Select one of the following	
CIS 147, 170*; CSCI 120, 127, 160, 289*; SE 110	3	CPTR 1001, 1106, 1108, 1115, 1122, 1129, 1135, 1170, 2224, 2242, 2245, 2296; CSCI 1110, 1121	3
Humanities Literacies - Select one of the following		Humanities - Select one of the following	
COMM 211; ENGL 220, 225, 231, 232, 236, 241, 242, 261, 262; HUM 201; PSYC 200; SPAN 101, 102, 201, 202; THEA 110	3	ASL 1100, 1101, 1102; CHIN 1101; ENGL 2200, 2221, 2222, 2223, 2228, 2230, 2234, 2235, 2236, 2237, 2238, 2239, 2302, 2304, 2310, 2314, 2321, 2322, 2323, 2324, 2325, 2372, 2374; HUM 1101, 1105, 1110, 1120, 1132, 1134, 1201, 2210, 2230, 2236, 2281, 2293, 2295, 2301; MCOM 1122, 1142; MCS 2230; PHIL 1130, 1200, 1201, 1211, 2220, 2224, 2225, 2230, 22355, 2240, 2300; SPAN 2211, 2212; THTR 1100, 1105	3
Humanities Art & Music - Select one of the following		Humanities - Select one of the following	
ART 110, 115, 210, 211, 233; HUM 202; MUS 100, 101, 201, 207	3	ART 1110, 1123, 1124, 1127, 1128, 2201; HUM 1101; MUSC 1115, 1116, 1118, 1121, 1122, 1123, 1124, 1150, 1160, 2223, 2224, 2231, 2232	3
Social Science - Select two of the following		Social & Behavioral Science - Select two of the following	
COMM 112, 114; ECON 201, 202; GEOG 151; HIST 103, 104, 211, 212, 267, 270; POLS 115, 116; PSYC 111; SOC 110, 111	6	ANTH 1100; ECON 1150, 2210, 2222; GEOG 1110; HIST 1101, 1102, 1110, 1111, 1112, 1113, 1201, 1202, 1500, 1600, 1700, 2211, 2212, 2213, 2220; PHIL 2300; POLS 1120, 1130, 2204, 2206, 2220, 2950; PSYC 1101, 1200, 1202, 1500, 2220, 2222, 2224, 2226, 2230, 2302, 2900, 2950; SOC 1111, 1113, 1114, 2210, 2213, 2215, 2216, 2217, 2220, 2222, 2950; WMST 1130, 1136	6

Additional Humanities or Social Science	
Select one additional course from Humanities or Social Science or select from the following: ART 122, 130, 150, 180; GEOG 111; MUS 104, 105, 130, 131, 140, 141; PHYS 275; THEA 201	2
*Also satisfies **Digital Literacy** **Total Credits**	39

Fine Arts - Select one of the following	
ART 1101, 1107, 1109, 1114, 1117, 1118, 1140, 1141, 1142, 2000, 2111, 2112, 2114, 2115, 2116, 2241, 2260, 2261, 2999; MUSC 1113, 1114, 1117, 1120, 1131, 1135, 1141, 1145, 1151, 1162, 1164, 1168, 1181, 1185, 1191, 2214, 2251, 2281, 2285, 2291; THTR 1120, 1125, 1130, 1140, 2120, 2130	2
Total Credits	37

VCSU Digital Literacy Requirement	
Course	Credits
CIS 170 or CSCI 289	3
or a previously completed liberal arts degree that had a general education curriculum of at least 36 credits	

M State Digital Literacy Requirement	
Course	Credits
CSCI 1121 Computer Science I	4

VCSU Technology Education Required Courses	
Course	Credits
STEM ED 411 STEM Curriculum and Methods	3
STEM ED 431 Design for Engineering	3
STEM ED 450 Engineer the Future Using Comput	3
TECH 325 Technology and Engineering I	3
TECH 330 Technology and Engineering II	3
TECH 356 Safety and Management in Tech Ed	3
TECH 478 Tech, Society & Sustainability	3
TECH 491 Senior Portfolio	1
Total Credits	22

M State Equivalent Technology Education Required Courses	
Course	Credits

VCSU Technology Education Directed Electives	
Complete 6 credits from the courses below	Credits
*Recommended for MN **Careers License***	6
*CTE 431 Hist, Phil and Prac of CTE *	3
*CTE 434 Leadership in Career & Tech Student *	3
STEM ED 306 Inventions and Innovations	3
STEM ED 310 Design, Tech and Eng for Child	3
STEM 331 Innovation and Engineering Design	3
STEM ED 342 Data Collection and Analysis	3
STEM ED 355 STEM Curr & Methods for Elem	3
TECH 300 3D Modeling and Design	3
TECH 371 Technology Systems	3
TECH 391 Foundations of Technology	3
TECH 416 Innovations in Energy & Power Tech	3
TECH 421 Comp Sci, Prog, and Robotics	3
TECH 456 Intelligent Machines	3
TECH 394 Independent Study	1-3
TECH 499 Special Topics	1-4

M State Technology Education Directed Elective Courses	
Courses - complete 1 of the below pathways	Credits
Construction Management Pathway	**17**
CADD 1000 AutoCAD Basics or	3
CONM 1124 Building Systems	3
ENGT 1126 Engineering Graphics or	3
CONM 1124 Building Systems	3
CONM 1101 Construction Documents and Codes	3
CONM 1102 Site/Building Layout	2
CONM 1104 Construction Management Principles	2
CONM 1108 Principles of Estimating	4
Manufacturing Careers Pathway	**16**
CADD 1400 Introduction to SolidWorks	3
MCDD 1104 Mechanical Eng Drawing I	4
MCDD 1114 Manufacturing Processes	2
MCDD 2200 Advanced Modeling with SolidWorks or	3
ELECT 1102 Intro to Electric Circuit Theory	4
MCDD 2230 3D Printing and Prototyping	2
MCDD 2254 Computer Numeric Control	2

VCSU CTE Directed Courses	
Complete 6 credits from the courses below	Credits
Recommended for MN Careers License	6
CTE 432 - Coordinating Coop Ed Learning	3
CTE 438 - Dev Competency-Based Inst Material	3
Total Credits	**28-30**

Automotive Service Technology Pathway	16
AMST 1101 Automotive Equipment Fundament	2
AMST 1105 Brakes I	3
AMST 1110 Batteries, Starting and Charging Systems	2
AMST 1111 Automotive Electronics	3
AMST 1122 Engines I	3
AMST 1132 Drivetrains I	3

Diesel Equipment Technology Pathway	17
DSET 1100 Diesel Equipment Fundamentals	2
DSET 1106 Fuel Systems	2
DSET 1112 Hydraulics	4
DSET 1114 Vehicle Brakes	3
DSET 1130 Trans Elec/Start/Charge	4
DSET 1132 Introduction to Engine Theory	2

Powersports Technology Pathway	18
PWST 1000 Introduction to Powersports	3
PWST 1002 Snowmobile, O/R & Motorcycle Mainten.	3
PWST 1021 Ignition, Charging & Starter Systems	3
PWST 2206 Chainsaws & Generators	3
PWST 2013 Power Hydraulics	3
PWST 2115 All-Terrain Vehicles Systems	3
Total Credits	**28-30**

VCSU Professional Education Sequence Requirements	
Course	Credits
EDUC 240 Education Exceptional Students	3
EDUC 249 Intro to VCSU Teacher Education	1
EDUC 250 Introduction to Education	3
EDUC 283 Understanding Cultural Diversity	3
EDUC 300 Educational Technology	2
EDUC 351 Sec Practicum & Classroom Mgmt	1
EDUC 352 Culturally Diverse Practicum or EDUC 464 Practicum in the ELL Classroom	1-2
EDUC 375 Teach Reading in the Content Areas	2
EDUC 400 Education Psychology	2
EDUC 450 Trends in Assessment & Educ. Issues	2
EDUC 480 Student Teaching (Secondary)	10
PSYC 250 Developmental Psychology	3
Total Credits	**33-34**

M State Equivalent Professional Educ Sequence Courses	
Course	Credits
ECE 2103 Introduction to Special Education	3
ED 2204 Introduction to Education	3
ECE 1111 Diverse Children and Family Relations	3
ED 2210 Education Technology	3
MCS 2230 Multicultural America	3
ED 2294 Educational Psychology	3
PSYC 2222 Lifespan Development	3
Total Credits	**37-38**

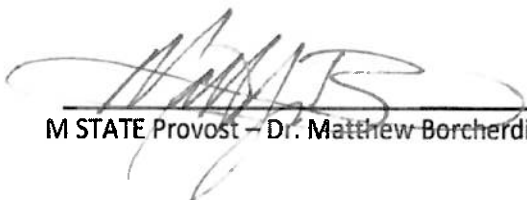| VCSU Online Teacher Education Program Admission Requirements	
Completion of EDUC 250 or ED 2204 with a minimum grade of C	
Pass the Praxis CORE Academic Skills for Educators exam or passing ACT with ELA score	
Completion of ENGL 110 or ENGL 1101 with a minimum grade of C	
Completion of ENGL 120, ENGL 125 or ENGL 1215 with a minimum grade of C	
2.75 Cumulative GPA Minimum	

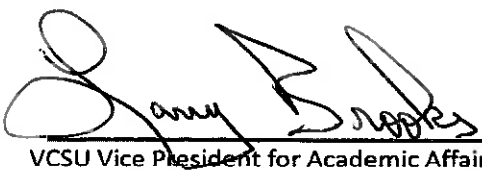| VCSU Graduation Requirements	
Admitted To VCSU Teacher Education Program	Complete 30 upper division semester credits
Admitted To Student Teaching	Complete 30 semester credits at VCSU
Complete Praxis Content Knowledge Exam	2.75 Cumulative GPA Minimum
Complete Praxis PLT Exam	2.0 Gen Ed GPA Minimum
Complete 120 semester credits	2.0 Major GPA Minimum

Signatures:

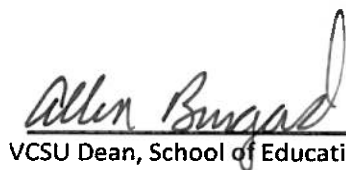**For Minnesota State Community and Technical College:**

[signature]   06/10/2024
M STATE Provost – Dr. Matthew Borcherding   Date

[signature]   June 6, 2024
M STATE Dean – Dr. Mark Bannatyne   Date

For Valley City State University

[signature]   06/18/2024
VCSU President   Date

[signature]   6/7/2024
VCSU Vice President for Academic Affairs   Date

[signature]   6/17/2024
VCSU Dean, School of Education   Date