



Career and Technical Education Teacher Education Program

Industrial Education Committee Hearing

February 2023

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Background

- Change in Tech Colleges away from Schools
- Winona Mini-Session
- Need for CTE Teachers
- Opportunity for Every MN H.S. Grad to have an Employable Skill



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Goal

- To improve the pipeline of CTE teachers in Minnesota's school districts by creating a comprehensive and integrated educational plan that blends the technical skill training with the standard educational practices required to become a licensed teacher.



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CTE Program Areas

Trades & Industry – Construction Careers

- Construction underway for rollout **Fall 2023**

Trades & Industry – Manufacturing Careers

- Manufacturing - *existing* AAS in Mechatronics available **Fall 2023**
- A specific Manufacturing Engineering Technology AAS program (building on existing CNC CERT) has been discussed but not yet fully developed at MSCS – possible for Fall 2024
- CNC Machine Tool, Electrical Engineering, and Welding programs currently under discussion
- Trades & Industry – Transportation currently under discussion

Business Education – currently launched and running

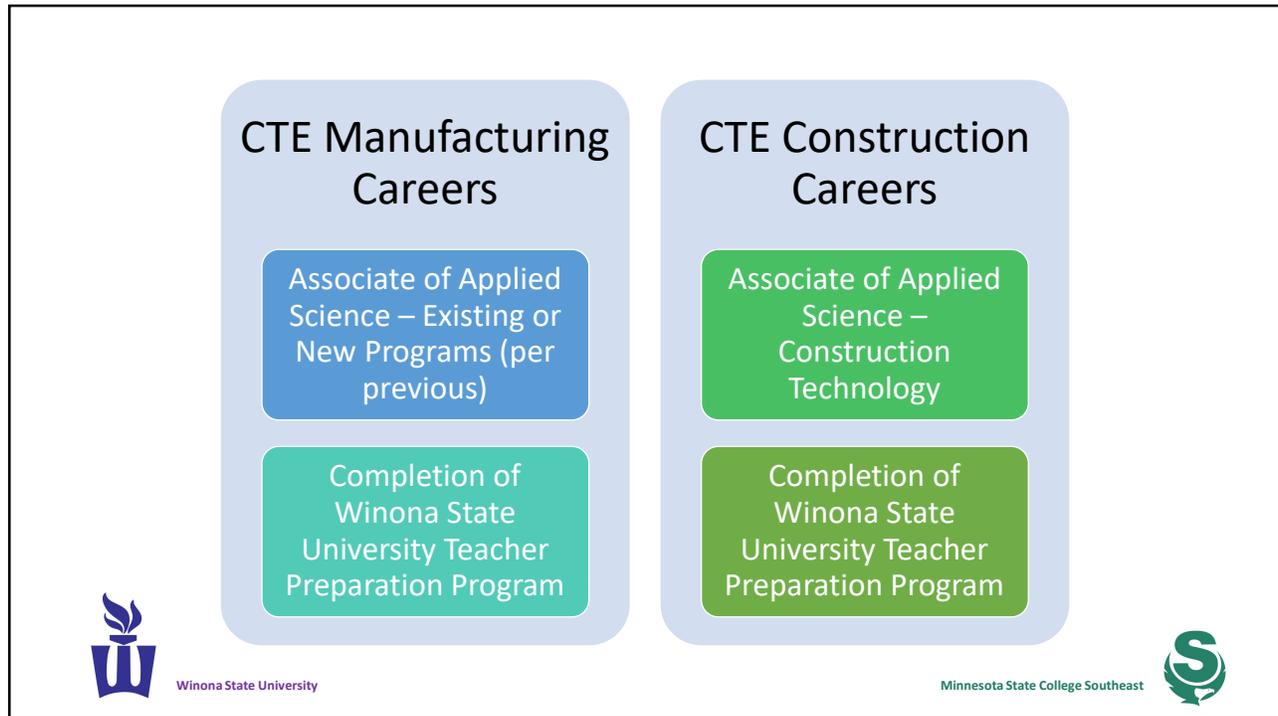


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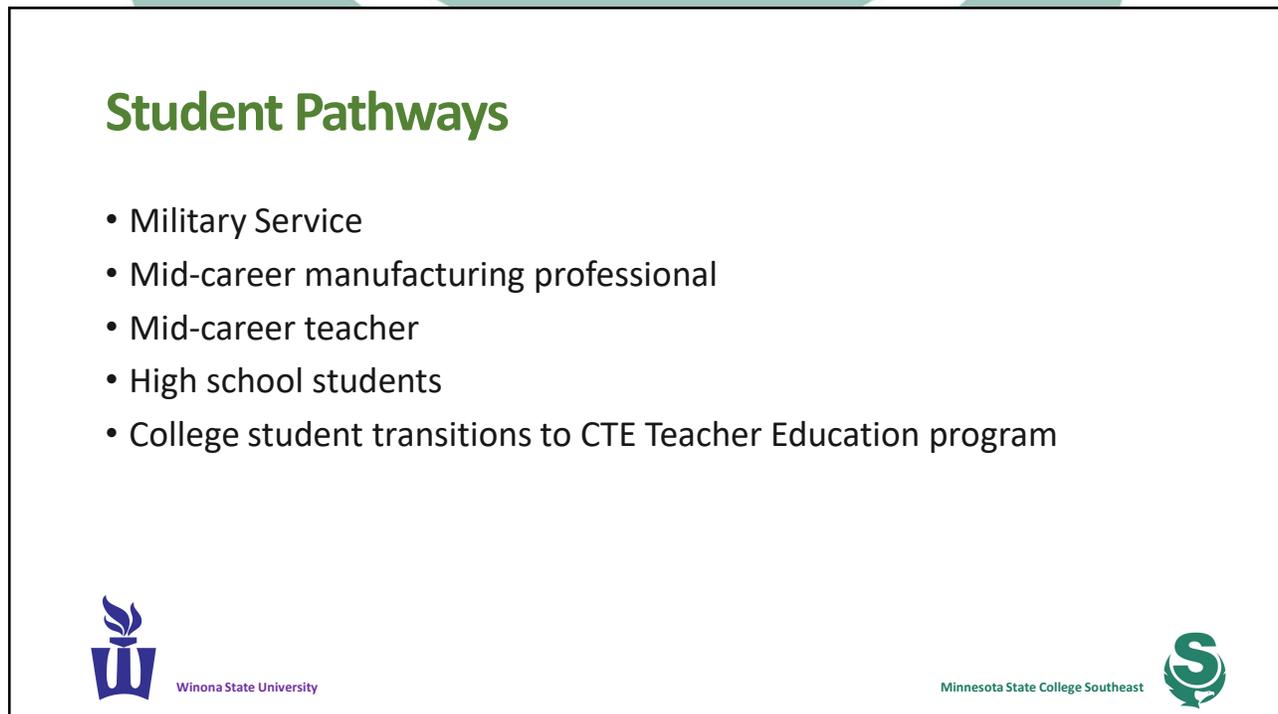
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What makes the program unique?

- Partnership between MSC Southeast and WSU
- MSCS Students complete the Associate for Applied Science and meet admissions criteria for the Professional Education Sequence
- Pre-service teachers learn pedagogy while enhancing technical skills at MSCS through a blended, co-taught model
- Pre-service teachers participate in advisory committees and Career and Technical Student Organizations (CTSOs)
- Pre-service and new educators will be mentored by instructors and industry professionals
- Students in the program will gain industry work experience in their CTE specified field as required by state statutes.



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Program Updates

- Introducing Prof. Peter Johnson
- Curriculum Development Update
- Recruiting Students Update



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Activities	Spring '22	Summer '22	Fall '22	Spring '23	Summer '23	Fall '23	Spring '24
AAS Manufacturing Engineering Technology Approval							
Winona State University Program Approvals							
CTE Faculty hired at WSU							
Curriculum Mapping & Assessment Rubrics							
Curriculum Design							
Recruitment/Outreach							
Initial Cohort							

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Tiered licensure in Minnesota

TIER 1 REQUIREMENTS

BACHELOR'S DEGREE
FOR ALL SUBJECTS EXCEPT CAREER & TECHNICAL ED (CTE) OR CAREER PATHWAYS COURSE OF STUDY (CP)*

OR

***CTE OR CP CANDIDATES MUST HAVE ONE OF THE FOLLOWING:**

- AA degree
- Professional certification
- Five years of relevant work experience

Candidate must have a BA degree unless teaching Career and Tech Ed or Career Pathways, in which case must have AA degree, professional certification, or five years of relevant work experience.

- Good for one year and can be renewed three times, though there are conditions under which districts can renew further.
- District and teacher apply jointly. District must show it could not find a Tier 2, 3, or 4 teacher.
- These teachers are **not** in the teacher bargaining unit and are not earning credit toward probation. Teachers at Tier 1 do not have continuing contract rights.

Anticipated transition details can be found at www.educationminnesota.org/resources.aspx#credentials-licensure.
Revised April 22, 2021. Subject to change. ■■■■ 1001

TIER 2 REQUIREMENTS

BACHELOR'S DEGREE
FOR ALL SUBJECTS EXCEPT CTE OR CP*

AND

MINNESOTA APPROVED TEACHER PREPARATION PROGRAM ENROLLMENT

OR

MASTER'S DEGREE IN CONTENT AREA

OR

TWO OF THE FOLLOWING:

- Completed teacher preparation program
- Eight upper division credits in subject area
- Training in subject-specific teaching methods
- Passing scores on state subject area and pedagogy tests
- Two or more years experience teaching in subject area

Candidate must be enrolled in a teacher preparation program, CEI have a master's degree, CEI have two of the following completed teacher preparation program, eight upper-division credits in subject area, training in subject-specific teaching methods, two years of experience teaching in subject area, passing scores on state tests in subject area.

- Good for two years and can be renewed three times.
- District and teacher apply jointly.
- These teachers are in the teacher bargaining unit and are not probationary. However, if these teachers get to Tier 3, then two years of successful teaching at Tier 2 can count toward the Tier 3 requirement of three years of probation. Teachers at Tier 2 do not have continuing contract rights.

TIER 3 REQUIREMENTS

BACHELOR'S DEGREE
FOR ALL SUBJECTS EXCEPT CTE OR CP*

AND

PASSING SCORES
CONTENT AND PEDAGOGY

AND

ONE OF THE FOLLOWING:

- Completion of a Minnesota-approved teacher preparation program (traditional or alternative, if accredited)
- Completion of a prep program from another state that includes field-specific student teaching equivalent to requirements of MN programs
- Portfolio in a given licensure field
- Three years teaching experience at Tier 2 without being placed on an improvement plan
- Professional teaching license from another state, license in good standing, and two years of teaching experience

Candidate has BA degree for all subjects except CTE or CP, passing scores on content and pedagogy exams, and ONE of the following: Completion of a Minnesota-approved teacher preparation program (traditional or alternative, if accredited); completion of a prep program from another state that includes field-specific student teaching equivalent to requirements of MN programs; portfolio in a given licensure field; professional teaching license from another state, license in good standing, and two years of teaching experience under a Tier 2 license and evidence of summative evaluation that did not result in placement on an improvement plan.

- Good for three years and can be renewed indefinitely.
- Teacher applies for the license.
- These teachers are in the bargaining unit and must complete three years of probation. If a teacher at Tier 3 got to Tier 4 via Tier 2, two years of teaching at Tier 2 can count toward the three-year probationary requirement. Teachers at Tier 3 have continuing contract rights after completion of the probationary period.

TIER 4 REQUIREMENTS

BACHELOR'S DEGREE
FOR ALL SUBJECTS EXCEPT CTE OR CP*

AND

COMPLETION OF PREPARATION PROGRAM

AND

PASSING SCORES
CONTENT AND PEDAGOGY

AND

PASSING SCORES ON BOARD-APPROVED SKILLS EXAM

AND

THREE YEARS TEACHING EXPERIENCE IN MINNESOTA

AND

MOST RECENT SUMMATIVE EVALUATION MUST NOT HAVE RESULTED IN AN IMPROVEMENT PLAN

The candidate must meet all Tier 3 requirements, have completed a preparation program or portfolio, have passing scores on content and pedagogy exams and passing scores on board-approved skills exam. In addition, the most recent summative evaluation must not have resulted in placing the teacher on an improvement plan.

- Good for five years and can be renewed indefinitely.
- Teacher applies for the license.
- These teachers are in the bargaining unit. Teachers at Tier 4 have continuing contract rights after completion of the applicable probationary requirement.



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Tier 3 licensure is the goal

- Tier 1 and 2 are temporary licenses
 - Maximum of 3 renewals
- Tier 3 and 4 can be renewed every 5 years indefinitely
 - Tier 3 will be achieved through the proposed program
 - Tier 4 requires meeting all Tier 3 requirements, being in good standing, and 3 years of teaching experience



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Thank You, Minnesota Legislature!
Questions?



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